

Publications

Publications in refereed journals based on ESO data (2013)

The ESO Library maintains the ESO Telescope Bibliography (telbib) and is responsible for providing paper-based statistics. Access to the database for the years 1996 to present as well as information on basic publication statistics are available through the public interface of telbib (<http://telbib.eso.org>) and from the "Basic ESO Publication Statistics" document (<http://www.eso.org/sci/libraries/edocs/ESOstats.pdf>), respectively. In the list below, only those papers are included that are based on data from ESO facilities for which observing time is evaluated by the Observing Programmes Committee (OPC). Publications that use data from non-ESO telescopes or observations obtained during 'private' observing time are not listed here.

- Absil, O., Milli, J., Mawet, D., Lagrange, A.-M., Girard, J., Chauvin, G., Boccaletti, A., Delacroix, C., Surdej, J., 2013, *Searching for companions down to 2 AU from β Pictoris using the L'-band AGPM coronagraph on VLT/NACO*, A&A, 559, L12
- Acke, B., Degroote, P., Lombaert, R., de Vries, B.L., Smolders, K., Verhoelst, T., Lagadec, E., Gielen, C., Van Winckel, H. & Waelkens, C. 2013, *Amorphous carbon in the disk around the post-AGB binary HR 4049. Discerning dust species with featureless opacity curves*, A&A, 551, 76
- Adam, C., Neuhäuser, R., Mugrauer, M., Schmidt, J.G. & Schmidt, T.O.B. 2013, *The low-mass companion of HIP 45314 (HR 3672)*, MNRAS, 433, 402
- Adibekyan, V.Z., Figueira, P., Santos, N.C., Hakobyan, A.A., Sousa, S.G., Pace, G., Delgado Mena, E., Robin, A.C., Israeli, G. & González Hernández, J.I. 2013, *Kinematics and chemical properties of the Galactic stellar populations. The HARPS FGK dwarfs sample*, A&A, 554, 44
- Aerts, C., Simón-Díaz, S., Catala, C., Neiner, C., Briquet, M., Castro, N., Schmid, V.S., Scardia, M., Rainer, M., Poretti, E., Pápics, P.I., Degroote, P., Bloemen, S., Østensen, R.H., Auvergne, M., Baglin, A., Baudin, F., Michel, E. & Samadi, R. 2013, *Low-amplitude rotational modulation rather than pulsations in the CoRoT B-type supergiant HD 46769*, A&A, 557, 114
- Ahumada, A.V., Cignoni, M., Bragaglia, A., Donati, P., Tosi, M. & Marconi, G. 2013, *NGC 2849 and NGC 6134: two more BOCCE open clusters*, MNRAS, 430, 221
- Albrecht, S., Setiawan, J., Torres, G., Fabrycky, D.C. & Winn, J.N. 2013, *The BANANA Project. IV. Two Aligned Stellar Rotation Axes in the Young Eccentric Binary System EP Crucis: Primordial Orientation and Tidal Alignment*, ApJ, 767, 32
- Alecian, E., Neiner, C., Mathis, S., Catala, C., Kochukhov, O. & Landstreet, J. 2013, *The dramatic change of the fossil magnetic field of HD 190073: evidence of the birth of the convective core in a Herbig star?*, A&A, 549, L8
- Almenara, J.M., Bouchy, F., Gaulme, P., Deleuil, M., Havel, M., Gandolfi, D., Deeg, H.J., Wuchterl, G., Guillot, T., Gardes, B., Pasternacki, T., Aigrain, S., Alonso, R., Auvergne, M., Baglin, A., Bonomo, A.S., Bordé, P., Cabrera, J., Carpano, S., Cochran, W.D., Csizmadia, S., Damiani, C., Diaz, R.F., Dvorak, R., Endl, M., Erikson, A., Ferraz-Mello, S., Fridlund, M., Hébrard, G., Gillon, M., Guenther, E., Hatzes, A., Léger, A., Lammer, H., MacQueen, P.J., Mazeh, T., Moutou, C., Ollivier, M., Ofir, A., Pätzold, M., Parviainen, H., Queloz, D., Rauer, H., Rouan, D., Santerne, A., Samuel, B., Schneider, J., Tal-Or, L., Tingley, B. & Weingrill, J. 2013, *Transiting exoplanets from the CoRoT space mission. XXIV. CoRoT-25b and CoRoT-26b: two low-density giant planets*, A&A, 555, 118
- Amigo, P., Stetson, P.B., Catelan, M., Zoccali, M. & Smith, H.A. 2013, *Time-series BVI Photometry for the Globular Cluster NGC 6981*, AJ, 146, 130
- Amores, E.B., López-Corredoira, M., González-Fernández, C., Moitinho, A., Minniti, D. & Gurovich, S. 2013, *The long bar as seen by the VVV Survey. II. Star counts*, A&A, 559, 11
- Andersen, M., Steinacker, J., Thi, W.-F., Pagani, L., Bacmann, A., Paladini, R. 2013, *Scattering from dust in molecular clouds: Constraining the dust grain size distribution through near-infrared cloudshine and infrared coresheen*, A&A, 559, 60
- Anderson, C.S., Johnston, H.M. & Hunstead, R.W. 2013, *Galactic interaction as the trigger for the young radio galaxy MRC B1221-423*, MNRAS, 431, 3269
- Anderson, D.R., Smith, A.M.S., Madhusudhan, N., Wheatley, P.J., Collier Cameron, A., Hellier, C., Campo, C., Gillon, M., Harrington, J., Maxted, P.F.L., Pollacco, D., Queloz, D., Smalley, B., Triaud, A.H.M.J. & West, R.G. 2013, *Thermal emission at 3.6–8 μ m from WASP-19b: a hot Jupiter without a stratosphere orbiting an active star*, MNRAS, 430, 3422
- Anglada-Escudé, G., Rojas-Ayala, B., Boss, A.P., Weinberger, A.J. & Lloyd, J.P. 2013, *GJ 1214 reviewed. Trigonometric parallax, stellar parameters, new orbital solution, and bulk properties for the super-Earth GJ 1214b*, A&A, 551, 48
- Anglada-Escudé, G., Tuomi, M., Gerlach, E., Barnes, R., Heller, R., Jenkins, J.S., Wende, S., Vogt, S.S., Butler, R.P., Reiners, A. & Jones, H.R.A. 2013, *A dynamically-packed planetary system around GJ 667C with three super-Earths in its habitable zone*, A&A, 556, 126
- Antoniadis, J., Freire, P.C.C., Wex, N., Tauris, T.M., Lynch, R.S., van Kerwijk, M.H., Kramer, M., Bassa, C., Dhillon, V.S., Driebe, T., Hessels, J.W.T., Kaspi, V.M., Kondratiev, V.I., Langer, N., Marsh, T.R., McLaughlin, M.A., Pennucci, T.T., Ransom, S.M., Stairs, I.H., van Leeuwen, J., Verbiest, J.P.W. & Whelan, D.G. 2013, *A Massive Pulsar in a Compact Relativistic Binary*, Sci, 340, 448
- Ao, Y., Henkel, C., Menten, K.M., Requena-Torres, M.A., Stanke, T., Mauersberger, R., Aalto, S., Mühle, S. & Mangum, J. 2013, *The thermal state of molecular clouds in the Galactic center: evidence for non-photon-driven heating*, A&A, 550, 135
- Arlot, J.-E., Emelyanov, N.V., Aslan, Z., Assafin, M., Bel, J., Bhatt, B.C., Braga-Ribas, F., Camargo, J.I.B., Casas, R., Colas, F., Coliac, J.F., Dumas, C., Ellington, C.K., Forné, E., Frappa, E., Khamitov, I., Miller, C., Modic, R.J., Sahu, D., Sicardy, B., Tanga, P., Valdes Sada, P. & Vasundhara, R., Vieira-Martins, R. 2013, *Astrometric results of observations of mutual occultations and eclipses of the Uranian satellites in 2007*, A&A, 557, 4
- Arriagada, P., Anglada-Escudé, G., Butler, R.P., Crane, J.D., Shectman, S.A., Thompson, I., Wende, S. & Minniti, D. 2013, *Two Planetary Companions around the K7 Dwarf GJ 221: A Hot Super-Earth and a Candidate in the Sub-Saturn Desert Range*, ApJ, 771, 42
- Arroyo-Torres, B., Wittkowski, M., Marcaide, J.M. & Hauschildt, P.H. 2013, *The atmospheric structure and fundamental parameters of the red supergiants AH Scorpii, UY Scuti, and KW Sagittarii*, A&A, 554, 76

- Ascenso, J., Lada, C.J., Alves, J., Román-Zúñiga, C.G. & Lombardi, M. 2013, *The mid-infrared extinction law in the darkest cores of the Pipe Nebula*, A&A, 549, 135
- Bagdonaite, J., Dapprà, M., Jansen, P., Bethlehem, H.L., Ubachs, W., Muller, S., Henkel, C. & Menten, K.M. 2013, *Robust Constraint on a Drifting Proton-to-Electron Mass Ratio at z=0.89 from Methanol Observation at Three Radio Telescopes*, PhRvL, 111, 231101
- Baglio, M.C., D'Avanzo, P., Muñoz-Darias, T., Breton, R.P. & Campana, S. 2013, *The long-term evolution of the X-ray pulsar XTE J1814-338: A receding jet contribution to the quiescent optical emission?*, A&A, 559, 42
- Bagnulo, S., Fossati, L., Kochukhov, O. & Landstreet, J.D. 2013, *The importance of non-photon noise in stellar spectropolarimetry. The spurious detection of a non-existing magnetic field in the A0 supergiant HD 92207*, A&A, 559, 103
- Bailey, J.D. & Landstreet, J.D. 2013, *Abundances determined using Si ii and Si iii in B-type stars: evidence for stratification*, A&A, 551, 30
- Balestra, I., Vanzella, E., Rosati, P., Monna, A., Grillo, C., Nonino, M., Mercurio, A., Biviano, A., Bradley, L., Coe, D., Fritz, A., Postman, M., Seitz, S., Scoggeggio, M., Tozzi, P., Zheng, W., Ziegler, B., Zitrin, A., Annunziatella, M., Bartelmann, M., Benitez, N., Broadhurst, T., Bouwens, R., Czoske, O., Donahue, M., Ford, H., Girardi, M., Infante, L., Jouvel, S., Kelson, D., Koekemoer, A., Kuchner, U., Lemze, D., Lombardi, M., Maier, C., Medezinski, E., Melchior, P., Meneghetti, M., Merten, J., Molino, A., Moustakas, L., Presotto, V., Smit, R. & Umetsu, K. 2013, *CLASH-VLT: spectroscopic confirmation of a z = 6.11 quintuply lensed galaxy in the Frontier Fields cluster RXC J2248.7-4431*, A&A, 559, L9
- Bañados, E., Venemans, B., Walter, F., Kurk, J., Overzier, R. & Ouchi, M. 2013, *The Galaxy Environment of a QSO at z ~ 5.7*, ApJ, 773, 178
- Banerji, M., McMahon, R.G., Hewett, P.C., Gonzalez-Solares, E. & Koposov, S.E. 2013, *Hyperluminous reddened broad-line quasars at z ~ 2 from the VISTA Hemisphere Survey and WISE all-sky survey*, MNRAS, 429, L55
- Barbuy, B., Bica, E., Ortolani, S. & Lopes-Souza, A. 2013, *Deep imaging of Virgo Z: not a nearby ultrafaint dwarf galaxy, but a distant compact group of galaxies*, A&A, 559, 61
- Barbuy, B., Hill, V., Zoccali, M., Minniti, D., Renzini, A., Ortolani, S., Gómez, A., Trevisan, M. & Dutra, N. 2013, *Manganese abundances in Galactic bulge red giants*, A&A, 559, 5
- Barnabè, M., Spinelli, C., Koopmans, L.V.E., Trager, S.C., Czoske, O. & Treu, T. 2013, *A low-mass cut-off near the hydrogen burning limit for Salpeter-like initial mass functions in early-type galaxies*, MNRAS, 436, 253
- Barriá, D., Mennickent, R.E., Schmidtbreick, L., Djurašević, G., Kołaczkowski, Z., Michałska, G., Vučković, M. & Niemczura, E. 2013, *Fundamental stellar and accretion disc parameters of the eclipsing binary DQ Velorum*, A&A, 552, 63
- Barstow, J.K., Aigrain, S., Irwin, P.G.J., Fletcher, L.N. & Lee, J.-M., 2013, *Constraining the atmosphere of GJ 1214b using an optimal estimation technique*, MNRAS, 434, 2616
- Bartlett, E.S., Coe, M.J. & Ho, W.C.G. 2013, *XMM-Newton observation of the highly magnetized accreting pulsar Swift J045106.8-694803: evidence of a hot thermal excess*, MNRAS, 436, 2054
- Bastian, N., Cabrera-Ziri, I., Davies, B. & Larsen, S.S. 2013, *Constraining globular cluster formation through studies of young massive clusters - I. A lack of ongoing star formation within young clusters*, MNRAS, 436, 2852
- Bastian, N., Schweizer, F., Goudfrooij, P., Larsen, S.S. & Kissler-Patig, M. 2013, *Luminosity profiles and sizes of massive star clusters in NGC 7252*, MNRAS, 431, 1252
- Bayliss, D., Zhou, G., Penev, K., Bakos, G.Á., Hartman, J.D., Jordán, A., Mancini, L., Mohler-Fischer, M., Suc, V., Rabus, M., Béky, B., Csabry, Z., Buchhave, L., Henning, T., Nikolov, N., Csák, B., Brahm, R., Espinoza, N., Noyes, R.W., Schmidt, B., Conroy, P., Wright, D.J., Tinney, C.G., Addison, B.C.,
- Sackett, P.D., Sasselov, D.D., Lázár, J., Papp, I. & Sári, P. 2013, *HATS-3b: An Inflated Hot Jupiter Transiting an F-type Star*, AJ, 146, 113
- Beamín, J.C., Minniti, D., Gromadzki, M., Kurtev, R., Ivanov, V.D., Beletsky, Y., Lucas, P., Saito, R.K. & Borissova, J. 2013, *One more neighbor: The first brown dwarf in the VVV survey*, A&A, 557, L8
- Belli, S., Jones, T., Ellis, R.S. & Richard, J. 2013, *Testing the Universality of the Fundamental Metallicity Relation at High Redshift Using Low-mass Gravitationally Lensed Galaxies*, ApJ, 772, 141
- Belluzzi, E., Arribas, S., Colina, L. & Miralles-Caballero, D. 2013, *VLT/VIMOS integral field spectroscopy of luminous and ultraluminous infrared galaxies: 2D kinematic properties*, A&A, 557, 59
- Bensby, T., Yee, J.C., Feltzing, S., Johnson, J.A., Gould, A., Cohen, J.G., Asplund, M., Meléndez, J., Lucatello, S., Han, C., Thompson, I., Gal-Yam, A., Udalski, A., Bennett, D.P., Bond, I.A., Kohei, W., Sumi, T., Suzuki, D., Suzuki, K., Takino, S., Tristram, P., Yamai, N. & Yonehara, A. 2013, *Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars. V. Evidence for a wide age distribution and a complex MDF*, A&A, 549, 147
- Benson, B.A., de Haan, T., Dudley, J.P., Reichardt, C.L., Aird, K.A., Andersson, K., Armstrong, R., Ashby, M.L.N., Bautz, M., Bayliss, M., Bazin, G., Bleem, L.E., Brodwin, M., Carlstrom, J.E., Chang, C.L., Cho, H.M., Clocchiatti, A., Crawford, T.M., Crites, A.T., Desai, S., Dobbs, M.A., Foley, R.J., Forman, W.R., George, E.M., Gladders, M.D., Gonzalez, A.H., Halverson, N.W., Harrington, N., High, F.W., Holder, G.P., Holzapfel, W.L., Hoover, S., Hrubes, J.D., Jones, C., Joy, M., Keisler, R., Knox, L., Lee, A.T., Leitch, E.M., Liu, J., Lueker, M., Luong-Van, D., Mantz, A., Marrone, D.P., McDonald, M., McMahon, J.J., Mehl, J., Meyer, S.S., Mocanu, L., Mohr, J.J., Montroy, T.E., Murray, S.S., Natoli, T., Padin, S., Plagge, T., Pryke, C., Rest, A., Ruel, J., Ruhl, J.E., Saliwanchik, B.R., Saro, A., Sayre, J.T., Schaffer, K.K., Shaw, L., Shirokoff, E., Song, J., Spieler, H.G., Stalder, B., Staniszewski, Z., Stark, A.A., Story, K., Stubbs, C.W., Suhada, R., van Engelen, A., Vanderlinde, K., Vieira, J.D., Vikhlinin, A., Williamson, R., Zahn, O. & Zenteno, A. 2013, *Cosmological Constraints from Sunyaev-Zel'dovich-selected Clusters with X-Ray Observations in the First 178 deg² of the South Pole Telescope Survey*, ApJ, 763, 147
- Berger, E., Zauderer, B.A., Levan, A., Margutti, R., Laskar, T., Fong, W., Mangano, V., Fox, D.B., Tunnicliffe, R.L., Chornock, R., Tanvir, N.R., Menten, K.M., Hjorth, J., Roth, K. & Dupuy, T.J. 2013, *The Afterglow and ULIRG Host Galaxy of the Dark Short GRB 120804A*, ApJ, 765, 121
- Bergfors, C., Brandner, W., Daemgen, S., Biller, B., Hippel, S., Janson, M., Kudryavtseva, N., Geißler, K., Henning, T. & Köhler, R. 2013, *Stellar companions to exoplanet host stars: Lucky Imaging of transiting planet hosts*, MNRAS, 428, 182
- Bergin, E.A., Cleaves, L.I., Gorti, U., Zhang, K., Blake, G.A., Green, J.D., Andrews, S.M., Evans, N.J.I., Henning, T., Oberg, K., Pontoppidan, K., Qi, C., Salyk, C. & van Dishoeck, E. 2013, *An old disk still capable of forming a planetary system*, Natur, 493, 644
- Bergvall, N., Leitet, E., Zackrisson, E. & Marquart, T. 2013, *Lyman continuum leaking galaxies. Search strategies and local candidates*, A&A, 554, 38
- Bernet, M.L., Miniati, F. & Lilly, S.J. 2013, *The Extent of Magnetic Fields around Galaxies out to z ~ 1*, ApJ, 772, L28
- Best, W.M.J., Liu, M.C., Magnier, E.A., Aller, K.M., Deacon, N.R., Dupuy, T.J., Redstone, J., Burgett, W.S., Chambers, K.C., Hodapp, K.W., Kaiser, N., Kudritzki, R.-P., Morgan, J.S., Price, P.A., Tonry, J.L., Wainscoat, R.J., 2013, *A Search for L/T Transition Dwarfs with Pan-STARRS1 and WISE: Discovery of Seven Nearby Objects Including Two Candidate Spectroscopic Variables*, ApJ, 777, 84
- Benzanson, R., van Dokkum, P., van de Sande, J., Franx, M. & Kriek, M. 2013, *Massive and Newly Dead: Discovery of a*

- Significant Population of Galaxies with High-velocity Dispersions and Strong Balmer Lines at $z \sim 1.5$ from Deep Keck Spectra and HST/WFC3 Imaging*, ApJ, 764, L8
- Bielby, R., Hill, M.D., Shanks, T., Crighton, N.H.M., Infante, L., Bornancini, C.G., Francke, H., Héraudeau, P., Lambas, D.G., Metcalfe, N., Minniti, D., Padilla, N., Theuns, T., Tummuangpak, P. & Weilbacher, P. 2013, *The VLT LBG Redshift Survey - III. The clustering and dynamics of Lyman-break galaxies at $z \sim 3$* , MNRAS, 430, 425
- Biller, B.A., Liu, M.C., Wahhaj, Z., Nielsen, E.L., Hayward, T.L., Males, J.R., Skemer, A., Close, L.M., Chun, M., Ftacras, C., Clarke, F., Thatte, N., Shkolnik, E.L., Reid, I.N., Hartung, M., Boss, A., Lin, D., Alencar, S.H.P., de Gouveia Dal Pino, E., Gregorio-Hetem, J. & Toomey, D. 2013, *The Gemini/NICI Planet-Finding Campaign: The Frequency of Planets around Young Moving Group Stars*, ApJ, 777, 160
- Birkby, J.L., de Kok, R.J., Brogi, M., de Mooij, E.J.W., Schwarz, H., Albrecht, S. & Snellen, I.A.G. 2013, *Detection of water absorption in the day side atmosphere of HD 189733 b using ground-based high-resolution spectroscopy at $3.2 \mu\text{m}$* , MNRAS, 436, L35
- Biviano, A., Rosati, P., Balestra, I., Mercurio, A., Girardi, M., Nonino, M., Grillo, C., Scodellaggio, M., Lemze, D., Kelson, D., Umetsu, K., Postman, M., Zitrin, A., Czoske, O., Ettori, S., Fritz, A., Lombardi, M., Maier, C., Medezinski, E., Mei, S., Presotto, V., Strazzullo, V., Tozzi, P., Ziegler, B., Annunziatella, M., Bartelmann, M., Benitez, N., Bradley, L., Brescia, M., Broadhurst, T., Coe, D., Demarco, R., Donahue, M., Ford, H., Gobat, R., Graves, G., Koekemoer, A., Kuchner, U., Melchior, P., Meneghetti, M., Merten, J., Moustakas, L., Munari, E., Rego, E., Sartoris, B., Seitz, S. & Zheng, W. 2013, *CLASH-VLT: The mass, velocity-anisotropy, and pseudo-phase-space density profiles of the $z = 0.44$ galaxy cluster MACS J1206.2-0847*, A&A, 558, 1
- Blanco Cárdenas, M.W., Guerrero, M.A., Ramos-Larios, G., Miranda, L.F., Lagadec, E., Suárez, O. & Gómez, J.F. 2013, *VISIR-VLT high-resolution study of the extended emission of four obscured post-AGB candidates*, A&A, 551, 64
- Böhringer, H., Chon, G., Collins, C.A., Guzzo, L., Nowak, N. & Bobrovskyi, S. 2013, *The extended ROSAT-ESO flux limited X-ray galaxy cluster survey (REFLEX II) II. Construction and properties of the survey*, A&A, 555, 30
- Boley, P.A., Linz, H., van Boekel, R., Henning, T., Feldt, M., Kaper, L., Leinert, C., Müller, A., Pascucci, I., Robberto, M., Stecklum, B., Waters, L.B.F.M. & Zinnecker, H. 2013, *The VLT/MIDI survey of massive young stellar objects . Sounding the inner regions around intermediate- and high-mass young stars using mid-infrared interferometry*, A&A, 558, 24
- Bonfils, X., Delfosse, X., Udry, S., Forveille, T., Mayor, M., Perrier, C., Bouchy, F., Gillon, M., Lovis, C., Pepe, F., Queloz, D., Santos, N.C., Ségransan, D. & Bertaux, J.-L.. 2013, *The HARPS search for southern extra-solar planets. XXXI. The M-dwarf sample*, A&A, 549, 109
- Bonfils, X., Lo Curto, G., Correia, A.C.M., Laskar, J., Udry, S., Delfosse, X., Forveille, T., Astudillo-Defru, N., Benz, W., Bouchy, F., Gillon, M., Hébrard, G., Lovis, C., Mayor, M., Moutou, C., Naef, D., Neves, V., Pepe, F., Perrier, C., Queloz, D., Santos, N.C. & Ségransan, D. 2013, *The HARPS search for southern extra-solar planets. XXXIV. A planetary system around the nearby M dwarf GJ 163, with a super-Earth possibly in the habitable zone*, A&A, 556, 110
- Bonito, R., Prisinzano, L., Guarcello, M.G. & Micela, G. 2013, *Spectroscopic observations of blue stars with infrared excesses in NGC 6611*, A&A, 556, 108
- Bonnefoy, M., Boccaletti, A., Lagrange, A.-M., Allard, F., Mordasini, C., Beust, H., Chauvin, G., Girard, J.H.V., Homeier, D., Apai, D., Lacour, S., Rouan, D. 2013, *The near-infrared spectral energy distribution of β Pictoris b*, A&A, 555, 107
- Boogert, A.C.A., Chiar, J.E., Knez, C., Öberg, K.I., Mundy, L.G., Pendleton, Y.J., Tielens, A.G.G.M. & van Dishoeck, E.F. 2013, *Infrared Spectroscopic Survey of the Quiescent Medium of Nearby Clouds. I. Ice Formation and Grain Growth in Lupus*, ApJ, 777, 73
- Boone, F., Clément, B., Richard, J., Schaerer, D., Lutz, D., Weiß, A., Zemcov, M., Egami, E., Rawle, T.D., Walth, G.L., Kneib, J.-P., Combes, F., Smail, I., Swinbank, A.M., Altieri, B., Blain, A.W., Chapman, S., Dessauges-Zavadsky, M., Ivison, R.J., Knudsen, K.K., Omont, A., Pelló, R., Pérez-González, P.G., Valtchanov, I., van der Werf, P., Zamorski, M., 2013, *An extended Herschel drop-out source in the center of AS1063: a normal dusty galaxy at $z = 6.1$ or SZ substructures?*, A&A, 559, L1
- Borguet, B.C.J., Arav, N., Edmonds, D., Chamberlain, C. & Benn, C. 2013, *Major Contributor to AGN Feedback: VLT X-shooter Observations of S IV BALQSO Outflows*, ApJ, 762, 49
- Bösch, B., Böhm, A., Wolf, C., Aragón-Salamanca, A., Barden, M., Gray, M.E., Ziegler, B.L., Schindler, S. & Balogh, M. 2013, *Ram pressure and dusty red galaxies - key factors in the evolution of the multiple cluster system Abell 901/902*, A&A, 549, 142
- Bösch, B., Böhm, A., Wolf, C., Aragón-Salamanca, A., Ziegler, B.L., Barden, M., Gray, M.E., Balogh, M., Meisenheimer, K. & Schindler, S. 2013, *Tully-Fisher analysis of the multiple cluster system Abell 901/902*, A&A, 554, 97
- Bothwell, M.S., Aguirre, J.E., Chapman, S.C., Marrone, D.P., Vieira, J.D., Ashby, M.L.N., Aravena, M., Benson, B.A., Bock, J.J., Bradford, C.M., Brodwin, M., Carlstrom, J.E., Crawford, T.M., de Breuck, C., Downes, T.P., Fassnacht, C.D., Gonzalez, A.H., Greve, T.R., Gullberg, B., Hezaveh, Y., Holder, G.P., Holzapfel, W.L., Ibar, E., Ivison, R., Kamenetzky, J., Keisler, R., Lupu, R.E., Ma, J., Malkan, M., McIntyre, V., Murphy, E.J., Nguyen, H.T., Reichardt, C.L., Rosenman, M., Spilker, J.S., Stalder, B., Stark, A.A., Strandet, M., Vernet, J., Weiß, A. & Welikala, N. 2013, *SPT 0538-50: Physical Conditions in the Interstellar Medium of a Strongly Lensed Dusty Star-forming Galaxy at $z = 2.8$* , ApJ, 779, 67
- Bouché, N., Murphy, M.T., Kacprzak, G.G., Péroux, C., Contini, T., Martin, C.L. & Dessauges-Zavadsky, M. 2013, *Signatures of Cool Gas Fueling a Star-Forming Galaxy at Redshift 2.3*, Sci, 341, 50
- Bouret, J.-C., Lanz, T., Martins, F., Marcolino, W.L.F., Hillier, D.J. & Depagne, E. Hubeny, I. 2013, *Massive stars at low metallicity. Evolution and surface abundances of O dwarfs in the SMC*, A&A, 555, 1
- Bouvier, J., Grankin, K., Ellerbroek, L.E., Bouy, H. & Barrado, D. 2013, *AA Tauri's sudden and long-lasting deepening: enhanced extinction by its circumstellar disk*, A&A, 557, 77
- Bouwens, R.J., Oesch, P.A., Illingworth, G.D., Labbé, I., van Dokkum, P.G., Brammer, G., Magee, D., Spitler, L.R., Franx, M., Smit, R., Trenti, M., Gonzalez, V. & Carollo, C.M. 2013, *Photometric Constraints on the Redshift of $z \sim 10$ Candidate UDFj-39546284 from Deeper WFC3/IR+ACS+IRAC Observations over the HUDF*, ApJ, 765, L16
- Bradshaw, E.J., Almaini, O., Hartley, W.G., Smith, K.T., Conselice, C.J., Dunlop, J.S., Simpson, C., Chuter, R.W., Cirasuolo, M., Foucaud, S., McLure, R.J., Mortlock, A. & Pearce, H. 2013, *High-velocity outflows from young star-forming galaxies in the UKIDSS Ultra-Deep Survey*, MNRAS, 433, 194
- Braga-Ribas, F., Sicardy, B., Ortiz, J.L., Lleouch, E., Tancredi, G., Lecacheux, J., Vieira-Martins, R., Camargo, J.I.B., Assafin, M., Behrend, R., Vachier, F., Colas, F., Morales, N., Maury, A., Emilio, M., Amorim, A., Unda-Sanzana, E., Roland, S., Bruzzone, S., Almeida, L.A., Rodrigues, C.V., Jacques, C., Gil-Hutton, R., Vanzi, L., Milone, A.C., Schoenell, W., Salvo, R., Almenares, L., Jehin, E., Manfroid, J., Sposetti, S., Tanga, P., Klotz, A., Frappa, E., Cacella, P., Colque, J.P., Neves, C., Alvarez, E.M., Gillon, M., Pimentel, E., Giacchini, B., Roques, F., Widemann, T., Magalhães, V.S., Thirouin, A., Duffard, R., Leiva, R., Toledo, I., Capeche, J., Beisker, W., Pollock, J., Cedeño Montaña, C.E., Ivarsen, K., Reichart, D., Haislip, J. & Lacluyze, A. 2013, *The Size, Shape, Albedo, Density, and Atmospheric Limit of Transneptunian Object (50000) Quaoar from Multi-chord Stellar Occultations*, ApJ, 773, 26

- Bremer, M., Scharwächter, J., Eckart, A., Valencia-S., M., Zuther, J., Combes, F., Garcia-Burillo, S. & Fischer, S. 2013, *What produces the extended LINER-type emission in the NUGA galaxy NGC 5850?*, A&A, 558, 34
- Breton, R.P., van Kerkwijk, M.H., Roberts, M.S.E., Hessels, J.W.T., Camilo, F., McLaughlin, M.A., Ransom, S.M., Ray, P.S. & Stairs, I.H. 2013, *Discovery of the Optical Counterparts to Four Energetic Fermi Millisecond Pulsars*, ApJ, 769, 108
- Brightman, M., Silverman, J.D., Mainieri, V., Ueda, Y., Schramm, M., Matsuoka, K., Nagao, T., Steinhardt, C., Kartaltepe, J., Sanders, D.B., Treister, E., Shemmer, O., Brandt, W.N., Brusa, M., Comastri, A., Ho, L.C., Lanzuisi, G., Lusso, E., Nandra, K., Salvato, M., Zamorani, G., Akiyama, M., Alexander, D.M., Bongiorno, A., Capak, P., Civano, F., Del Moro, A., Doi, A., Elvis, M., Hasinger, G., Laird, E.S., Masters, D., Mignoli, M., Ohta, K., Schawinski, K. & Taniguchi, Y. 2013, *A statistical relation between the X-ray spectral index and Eddington ratio of active galactic nuclei in deep surveys*, MNRAS, 433, 2485
- Brimioulle, F., Seitz, S., Lerchster, M., Bender, R. & Snigula, J. 2013, *Dark matter halo properties from galaxy-galaxy lensing*, MNRAS, 432, 1046
- Britt, C.T., Torres, M.A.P., Hynes, R.I., Jonker, P.G., Maccarone, T.J., Greiss, S., Steeghs, D., Groot, P., Knigge, C., Dieball, A., Nelemans, G., Mikles, V.J. & Gossen, L. 2013, *Identification of Five Interacting Binaries in the Galactic Bulge Survey*, ApJ, 769, 120
- Brogi, M., Snellen, I.A.G., de Kok, R.J., Albrecht, S., Birkby, J.L. & de Mooij, E.J.W. 2013, *Detection of Molecular Absorption in the Dayside of Exoplanet 51 Pegasi b?*, ApJ, 767, 27
- Broos, P.S., Getman, K.V., Povich, M.S., Feigelson, E.D., Townsley, L.K., Naylor, T., Kuhn, M.A., King, R.R. & Busk, H.A. 2013, *Identifying Young Stars in Massive Star-forming Regions for the MYStIX Project*, ApJS, 209, 32
- Brown, J.M., Pontoppidan, K.M., van Dishoeck, E.F., Herczeg, G.J., Blake, G.A. & Smette, A. 2013, *VLT-CRIRES Survey of Rovibrational CO Emission from Protoplanetary Disks*, ApJ, 770, 94
- Buchholz, R.M., Witzel, G., Schödel, R. & Eckart, A. 2013, *Ks- and Lp-band polarimetry on stellar and bow-shock sources in the Galactic center*, A&A, 557, 82
- Bujarrabal, V., Castro-Carrizo, A., Alcolea, J., Van Winckel, H., Sánchez Contreras, C., Santander-García, M., Neri, R. & Lucas, R. 2013, *ALMA observations of the Red Rectangle, a preliminary analysis*, A&A, 557, L11
- Bujarrabal, V., Alcolea, J., Van Winckel, H., Santander-García, M. & Castro-Carrizo, A. 2013, *Extended rotating disks around post-AGB stars*, A&A, 557, 104
- Bunker, A.J., Caruana, J., Wilkins, S.M., Stanway, E.R., Lorenzoni, S., Lacy, M., Jarvis, M.J. & Hickey, S. 2013, *VLT/XSHOOTER and Subaru/MOIRCS spectroscopy of HUDF.YD3: no evidence for Lyman α emission at z = 8.55*, MNRAS, 430, 3314
- Burningham, B., Cardoso, C.V., Smith, L., Leggett, S.K., Smart, R.L., Mann, A.W., Dhital, S., Lucas, P.W., Tinney, C.G., Pinfield, D.J., Zhang, Z., Morley, C., Saumon, D., Aller, K., Littlefair, S.P., Homeier, D., Lodieu, N., Deacon, N., Marley, M.S., van Spaandonk, L., Baker, D., Allard, F., Andrei, A.H., Carty, J., Clarke, J., Day-Jones, A.C., Dupuy, T., Fortney, J.J., Gomes, J., Ishii, M., Jones, H.R.A., Liu, M., Magazzù, A., Marocco, F., Murray, D.N., Rojas-Ayala, B. & Tamura, M. 2013, *76 T dwarfs from the UKIDSS LAS: benchmarks, kinematics and an updated space density*, MNRAS, 433, 457
- Burtscher, L., Meisenheimer, K., Tristram, K.R.W., Jaffe, W., Höning, S.F., Davies, R.I., Kishimoto, M., Pott, J.-U., Röttgering, H., Schartmann, M., Weigelt, G., Wolf, S., 2013, *A diversity of dusty AGN tori. Data release for the VLT/MIDI AGN Large Program and first results for 23 galaxies*, A&A, 558, 149
- Bussmann, R.S., Pérez-Fournon, I., Amber, S., Calanog, J., Gurwell, M.A., Dannerbauer, H., De Bernardis, F., Fu, H., Harris, A.I., Krips, M., Lapi, A., Maiolino, R., Omont, A., Riechers, D., Wardlow, J., Baker, A.J., Birkinshaw, M., Bock, J., Bourne, N., Clements, D.L., Cooray, A., De Zotti, G., Dunne, L., Dye, S., Eales, S., Farrah, D., Gavazzi, R., González Nuevo, J., Hopwood, R., Ibar, E., Ivison, R.J., Laporte, N., Maddox, S., Martínez-Navajas, P., Michałowski, M., Negrello, M., Oliver, S.J., Roseboom, I.G., Scott, D., Serjeant, S., Smith, A.J., Smith, M., Streblyanska, A., Valiante, E., van der Werf, P., Verma, A., Vieira, J.D., Wang, L. & Wilner, D. 2013, *Gravitational Lens Models Based on Submillimeter Array Imaging of Herschel-selected Strongly Lensed Sub-millimeter Galaxies at z > 1.5*, ApJ, 779, 25
- Caccianiga, A., Fanali, R., Severgnini, P., Della Ceca, R., Marchese, E. & Mateos, S. 2013, *Black-hole masses of type 1 AGN in the XMM-Newton bright serendipitous survey*, A&A, 549, 119
- Caffau, E., Bonifacio, P., Sbordone, L., François, P., Monaco, L., Spite, M., Plez, B., Cayrel, R., Christlieb, N., Clark, P., Glover, S., Klessen, R., Koch, A., Ludwig, H.-G., Spite, F., Steffen, M., Zaggia, S., 2013, *TOPoS. I. Survey design and analysis of the first sample*, A&A, 560, 71
- Caffau, E., Ludwig, H.-G., Malherbe, J.-M., Bonifacio, P., Steffen, M., Monaco, L. 2013, *The photospheric solar oxygen project. II. Non-concordance of the oxygen abundance derived from two forbidden lines*, A&A, 554, 126
- Caffau, E., Bonifacio, P., François, P., Sbordone, L., Spite, M., Monaco, L., Plez, B., Spite, F., Zaggia, S., Ludwig, H.-G., Cayrel, R., Molaro, P., Randich, S., Hammer, F., Hill, V., 2013, *X-shooter GTO: evidence for a population of extremely metal-poor, alpha-poor stars*, A&A, 560, 15
- Campbell, S.W., D'Orazi, V., Yong, D., Constantino, T.N., Lattanzio, J.C., Stancliffe, R.J., Angelou, G.C., Wylie-de Boer, E.C. & Grundahl, F. 2013, *Sodium content as a predictor of the advanced evolution of globular cluster stars*, Natur, 498, 198
- Canning, R.E.A., Sun, M., Sanders, J.S., Clarke, T.E., Fabian, A.C., Giacintucci, S., Lal, D.V., Werner, N., Allen, S.W., Donahue, M., Edge, A.C., Johnstone, R.M., Nulsen, P.E.J., Salomé, P. & Sarazin, C.L. 2013, *A multiwavelength view of cooling versus AGN heating in the X-ray luminous cool-core of Abell 3581*, MNRAS, 435, 1108
- Cano, Z. 2013, *A new method for estimating the bolometric properties of Ibc supernovae*, MNRAS, 434, 1098
- Canovas, H., Ménard, F., Hales, A., Jordán, A., Schreiber, M.R., Casassus, S., Gledhill, T.M. & Pinte, C. 2013, *Near-infrared imaging polarimetry of HD 142527*, A&A, 556, 123
- Cantiello, M., Grado, A., Blakeslee, J.P., Raimondo, G., Di Rico, G., Limatola, L., Brocato, E., Della Valle, M. & Gilmozzi, R. 2013, *The distance to NGC 1316 (Fornax A): yet another curious case*, A&A, 552, 106
- Caputi, K.I. 2013, *A Generalized Power-law Diagnostic for Infrared Galaxies at z > 1: Active Galactic Nuclei and Hot Interstellar Dust*, ApJ, 768, 103
- Carilli, C.L., Riechers, D., Walter, F., Maiolino, R., Wagg, J., Lentati, L., McMahon, R. & Wolfe, A. 2013, *The Anatomy of an Extreme Starburst within 1.3 Gyr of the Big Bang Revealed by ALMA*, ApJ, 763, 120
- Carlhoff, P., Nguyen Luong, Q., Schilke, P., Motte, F., Schneider, N., Beuther, H., Bontemps, S., Heitsch, F., Hill, T., Kramer, C., Ossenkopf, V., Schuller, F., Simon, R. & Wyrowski, F. 2013, *Large scale IRAM 30 m CO-observations in the giant molecular cloud complex W43*, A&A, 560, 24
- Carniani, S., Marconi, A., Biggs, A., Cresci, G., Cupani, G., D'Odorico, V., Humphreys, E., Maiolino, R., Mannucci, F., Molaro, P., Nagao, T., Testi, L. & Zwaan, M.A. 2013, *Strongly star-forming rotating disks in a complex merging system at z = 4.7 as revealed by ALMA*, A&A, 559, 29
- Carollo, C.M., Cibinel, A., Lilly, S.J., Miniati, F., Norberg, P., Silverman, J.D., van Gorkom, J., Cameron, E., Finoguenov, A., Peng, Y., Pipino, A. & Rudick, C.S. 2013, *The Zurich Environmental Study of Galaxies in Groups along the Cosmic Web. I. Which Environment Affects Galaxy Evolution?*, ApJ, 776, 71

- Carrera, R., Pancino, E., Gallart, C. & del Pino, A. 2013, *The near-infrared Ca II triplet as a metallicity indicator - II. Extension to extremely metal-poor metallicity regimes*, MNRAS, 434, 1681
- Carretta, E., Gratton, R.G., Bragaglia, A., D'Orazi, V. & Lucatello, S. 2013, *An aluminium tool for multiple stellar generations in the globular clusters 47 Tucanae and M 4*, A&A, 550, 34
- Carretta, E., Bragaglia, A., Gratton, R.G., Lucatello, S., D'Orazi, V., Bellazzini, M., Catanzaro, G., Leone, F., Momany, Y. & Sollima, A. 2013, *NGC 362: another globular cluster with a split red giant branch*, A&A, 557, 138
- Carretta, E., Gratton, R.G., Bragaglia, A., D'Orazi, V., Lucatello, S., Sollima, A. & Sneden, C. 2013, *Potassium in Globular Cluster Stars: Comparing Normal Clusters to the Peculiar Cluster NGC 2419*, ApJ, 769, 40
- Carter, P.J., Marsh, T.R., Steeghs, D., Groot, P.J., Nelemans, G., Levitan, D., Rau, A., Copperwheat, C.M., Kupfer, T. & Roelofs, G.H.A. 2013, *A search for the hidden population of AM CVn binaries in the Sloan Digital Sky Survey*, MNRAS, 429, 2143
- Caso, J.P., Bassino, L.P., Richtler, T., Smith Castelli, A.V. & Faifer, F.R. 2013, *Ultracompact dwarfs around NGC 3258 in the Antlia cluster*, MNRAS, 430, 1088
- Cassata, P., Giavalisco, M., Williams, C.C., Guo, Y., Lee, B., Renzini, A., Ferguson, H., Faber, S.F., Barro, G., McIntosh, D.H., Lu, Y., Bell, E.F., Koo, D.C., Papovich, C.J., Ryan, R.E., Conselice, C.J., Grogan, N., Koekemoer, A. & Hathi, N.P. 2013, *Constraining the Assembly of Normal and Compact Passively Evolving Galaxies from Redshift z = 3 to the Present with CANDELS*, ApJ, 775, 106
- Cassata, P., Le Fèvre, O., Charlot, S., Contini, T., Cucciati, O., Garilli, B., Zamorani, G., Adami, C., Bardelli, S., Le Brun, V., Lemaux, B., Maccagni, D., Pollo, A., Pozzetti, L., Tresse, L., Vergani, D., Zanichelli, A. & Zucca, E. 2013, *He II emitters in the VIMOS VLT Deep Survey: Population III star formation or peculiar stellar populations in galaxies at 2 < z < 4.6?*, A&A, 556, 68
- Cernicharo, J., Daniel, F., Castro-Carrizo, A., Agundez, M., Marcelino, N., Joblin, C., Goicoechea, J.R. & Guélin, M. 2013, *Unveiling the Dust Nucleation Zone of IRC+10216 with ALMA*, ApJ, 778, L25
- Cerrigone, L., Menten, K.M. & Wiesemeyer, H. 2013, *Probing the fast outflow in IRAS 15452 - 5459 with ATCA observations of OH, H2O and SiO masers*, MNRAS, 434, 542
- Chang, Y.-Y., van der Wel, A., Rix, H.-W., Wuyts, S., Zibetti, S., Ramkumar, B., Holden, B. 2013, *Shape Evolution of Massive Early-type Galaxies: Confirmation of Increased Disk Prevalence at z > 1*, ApJ, 762, 83
- Chen, B.Q., Schultheis, M., Jiang, B.W., Gonzalez, O.A., Robin, A.C., Rejkuba, M. & Minniti, D. 2013, *Three-dimensional interstellar extinction map toward the Galactic bulge*, A&A, 550, 42
- Chen, H.-C., Lallement, R., Babusiaux, C., Puspitarini, L. & Bonifacio, P. 2013, *Extracting interstellar diffuse absorption bands from cool star spectra. Application to bulge clump giants in Baade's window*, A&A, 550, 62
- Chen, Z., Nürnberger, D.E.A., Chini, R., Liu, Y., Fang, M. & Jiang, Z. 2013, *CEN 34 - high-mass YSO in M 17 or background post-AGB star?*, A&A, 557, 51
- Chéné, A.-N., Borissova, J., Bonatto, C., Majaess, D.J., Baume, G., Clarke, J.R.A., Kurtev, R., Schnurr, O., Bouret, J.-C., Catelan, M., Emerson, J.P., Feinstein, C., Geisler, D., de Grijs, R., Hervé, A., Ivanov, V.D., Kumar, M.S.N., Lucas, P., Mahy, L., Martins, F., Mauro, F., Minniti, D., Moni Bidin, C. 2013, *Massive open star clusters using the VVV survey. II. Discovery of six clusters with Wolf-Rayet stars*, A&A, 549, 98
- Childress, M.J., Scalzo, R.A., Sim, S.A., Tucker, B.E., Yuan, F., Schmidt, B.P., Cenko, S.B., Silverman, J.M., Contreras, C., Hsiao, E.Y., Phillips, M., Morrell, N., Jha, S.W., McCully, C., Filippenko, A.V., Anderson, J.P., Benetti, S., Bufano, F., de Jaeger, T., Forster, F., Gal-Yam, A., Le Guillou, L., Maguire, K., Maund, J., Mazzali, P.A., Pignata, G., Smartt, S., Spyromilio, J., Sullivan, M., Taddia, F., Valenti, S., Bayliss, D.D.R., Bessell, M., Blanc, G.A., Carson, D.J., Clubb, K.I., de Burgh-Day, C., Desjardins, T.D., Fang, J.J., Fox, O.D., Gates, E.L., Ho, I.-T., Keller, S., Kelly, P.L., Lidman, C., Loaring, N.S., Mould, J.R., Owers, M., Ozbilgen, S., Pei, L., Pickering, T., Pracy, M.B., Rich, J.A., Schaefer, B.E., Scott, N., Stritzinger, M., Vogt, F.P.A., Zhou, G. 2013, *Spectroscopic Observations of SN 2012fr: A Luminous, Normal Type Ia Supernova with Early High-velocity Features and a Late Velocity Plateau*, ApJ, 770, 29
- Chira, R.-A., Beuther, H., Linz, H., Schuller, F., Walmsley, C.M. & Menten, K.M. 2013, *Characterization of infrared dark clouds. NH3 observations of an absorption-contrast selected IRDC sample*, A&A, 552, 40
- Chon, G., Böhrringer, H. & Nowak, N. 2013, *The extended ROSAT-ESO Flux-Limited X-ray Galaxy Cluster Survey (REFLEX II) - III. Construction of the first flux-limited supercluster sample*, MNRAS, 429, 3272
- Chornock, R., Berger, E., Rest, A., Milisavljevic, D., Lunnan, R., Foley, R.J., Soderberg, A.M., Smartt, S.J., Burgasser, A.J., Challis, P., Chomiuk, L., Czekala, I., Drout, M., Fong, W., Huber, M.E., Kirshner, R.P., Leibler, C., McLeod, B., Marion, G.H., Narayan, G., Riess, A.G., Roth, K.C., Sanders, N.E., Scolnic, D., Smith, K., Stubbs, C.W., Tonry, J.L., Valenti, S., Burgett, W.S., Chambers, K.C., Hodapp, K.W., Kaiser, N., Kudritzki, R.-P., Magnier, E.A., Price, P.A., 2013, *PS1-10afx at z = 1.388: Pan-STARRS1 Discovery of a New Type of Superluminous Supernova*, ApJ, 767, 162
- Cibinel, A., Carollo, C.M., Lilly, S.J., Minniti, F., Silverman, J.D., van Gorkom, J.H., Cameron, E., Finoguenov, A., Norberg, P., Peng, Y., Pipino, A. & Rudick, C.S. 2013, *The Zurich Environmental Study (ZENS) of Galaxies in Groups along the Cosmic Web. II. Galaxy Structural Measurements and the Concentration of Morphologically Classified Satellites in Diverse Environments*, ApJ, 776, 72
- Cibinel, A., Carollo, C.M., Lilly, S.J., Bonoli, S., Minniti, F., Pipino, A., Silverman, J.D., van Gorkom, J.H., Cameron, E., Finoguenov, A., Norberg, P., Peng, Y. & Rudick, C.S. 2013, *The Zurich Environmental Study of Galaxies in Groups along the Cosmic Web. III. Galaxy Photometric Measurements and the Spatially Resolved Color Properties of Early- and Late-type Satellites in Diverse Environments*, ApJ, 777, 116
- Cieza, L.A., Lacour, S., Schreiber, M.R., Casassus, S., Jordán, A., Mathews, G.S., Cánovas, H., Ménard, F., Kraus, A.L., Pérez, S., Tuthill, P. & Ireland, M.J. 2013, *Sparse Aperture Masking Observations of the FL Cha Pre-transitional Disk*, ApJ, 762, L12
- Cimatti, A., Brusa, M., Talia, M., Mignoli, M., Rodighiero, G., Kurk, J., Cassata, P., Halliday, C., Renzini, A. & Daddi, E. 2013, *Active Galactic Nucleus Feedback at z ~ 2 and the Mutual Evolution of Active and Inactive Galaxies*, ApJ, 779, L13
- Cioni, M.-R.L., Kamath, D., Rubele, S., van Loon, J.T., Wood, P.R., Emerson, J.P., Gibson, B.K., Groenewegen, M.A.T., Ivanov, V.D. & Miszalski, B. 2013, *The VMC Survey. VI. Quasars behind the Magellanic system*, A&A, 549, 29
- Clark, J.S., Ritchie, B.W. & Negueruela, I. 2013, *The circumstellar environment and evolutionary state of the supergiant B[e] star Wd1-9*, A&A, 560, 11
- Clark, J.S., Bartlett, E.S., Coe, M.J., Dorda, R., Haberl, F., Lamb, J.B., Negueruela, I. & Udalski, A. 2013, *The supergiant B[e] star LHA 115-S 18 - binary and/or luminous blue variable?*, A&A, 560, 10
- Clayton, G.C., Bond, H.E., Long, L.A., Meyer, P.I., Sugerman, B.E.K., Montiel, E., Sparks, W.B., Meakes, M.G., Chesneau, O. & De Marco, O. 2013, *Evolution of the 1919 Ejecta of V605 Aquilae*, ApJ, 771, 130
- Coccato, L., Morelli, L., Pizzella, A., Corsini, E.M., Buson, L.M. & Dalla Bontà, E. 2013, *Spectroscopic evidence of distinct stellar populations in the counter-rotating stellar disks of NGC 3593 and NGC 4550*, A&A, 549, 3
- Coleiro, A., Chaty, S., Zurita Heras, J.A., Rahoui, F. & Tomsick, J.A. 2013, *Infrared identification of high-mass X-ray binaries discovered by INTEGRAL*, A&A, 560, 108

- Combes, F., García-Burillo, S., Casasola, V., Hunt, L., Krips, M., Baker, A.J., Boone, F., Eckart, A., Marquez, I., Neri, R., Schinnerer, E. & Tacconi, L.J. 2013, *ALMA observations of feeding and feedback in nearby Seyfert galaxies: an AGN-driven outflow in NGC 1433*, *A&A*, 558, 124
- Comerón, F., Pasquali, A. & Alves de Oliveira, C. 2013, *An irradiated jet in M 17*, *A&A*, 552, 30
- Comerón, F., Spezzi, L., López Martí, B. & Merín, B. 2013, *The low-mass dispersed population around the Lupus clouds*, *A&A*, 554, 86
- Contreras, Y., Schuller, F., Urquhart, J.S., Csengeri, T., Wyrowski, F., Beuther, H., Bontemps, S., Bronfman, L., Henning, T., Menten, K.M., Schilke, P., Walmsley, C.M., Wienen, M., Tackenberg, J. & Linz, H. 2013, *ATLASGAL - compact source catalogue: $330^\circ < \ell < 21^\circ$* , *A&A*, 549, 45
- Contreras, Y., Rathborne, J. & Garay, G. 2013, *Structure and radial equilibrium of filamentary molecular clouds*, *MNRAS*, 433, 251
- Cooke, R., Pettini, M., Jorgenson, R.A., Murphy, M.T., Rudie, G.C. & Steidel, C.C. 2013, *The explosion energy of early stellar populations: the Fe-peak element ratios in low-metallicity damped Ly α systems*, *MNRAS*, 431, 1625
- Coppola, G., Stetson, P.B., Marconi, M., Bono, G., Ripepi, V., Fabrizio, M., Dall'Ora, M., Musella, I., Buonanno, R., Ferraro, I., Fiorentino, G., Iannicola, G., Monelli, M., Nonino, M., Pulone, L., Thévenin, F. & Walker, A.R. 2013, *The Carina Project. VI. The Helium-burning Variable Stars*, *ApJ*, 775, 6
- Cornelisse, R., Kotze, M.M., Casares, J., Charles, P.A. & Hakala, P.J. 2013, *The origin of the tilted disc in the low-mass X-ray binary GR Mus (XB 1254-690)*, *MNRAS*, 436, 910
- Coutens, A., Vastel, C., Cabrit, S., Codella, C., Kristensen, L.E., Ceccarelli, C., van Dishoeck, E.F., Boogert, A.C.A., Bottinelli, S., Castets, A., Caux, E., Comito, C., Demyk, K., Herpin, F., Lefloch, B., McCoey, C., Mottram, J.C., Parise, B., Taquet, V., van der Tak, F.F.S., Visser, R. & Yıldız, U.A. 2013, *Deuterated water in the solar-type protostars NGC 1333 IRAS 4A and IRAS 4B*, *A&A*, 560, 39
- Coutens, A., Vastel, C., Cazaux, S., Bottinelli, S., Caux, E., Ceccarelli, C., Demyk, K., Taquet, V. & Wakelam, V. 2013, *Heavy water stratification in a low-mass protostar*, *A&A*, 553, 75
- Cowley, C.R., Castelli, F. & Hubrig, S. 2013, *The Herbig Ae SB2 system HD 104237*, *MNRAS*, 431, 3485
- Crawford, F., Lyne, A.G., Stairs, I.H., Kaplan, D.L., McLaughlin, M.A., Freire, P.C.C., Burgay, M., Camilo, F., D'Amico, N., Faulkner, A., Kramer, M., Lorimer, D.R., Manchester, R.N., Possenti, A. & Steeghs, D. 2013, *PSR J1723-2837: An Eclipsing Binary Radio Millisecond Pulsar*, *ApJ*, 776, 20
- Crighton, N.H.M., Bechtold, J., Carswell, R.F., Davé, R., Foltz, C.B., Jannuzzi, B.T., Morris, S.L., O'Meara, J.M., Prochaska, J.X., Schaye, J. & Tejos, N. 2013, *A high molecular fraction in a subdamped absorber at $z = 0.56$* , *MNRAS*, 433, 178
- Crnojević, D., Ferguson, A.M.N., Irwin, M.J., Bernard, E.J., Arimoto, N., Jablonka, P. & Kobayashi, C. 2013, *The outer halo of the nearest giant elliptical: a VLT/VIMOS survey of the resolved stellar populations in Centaurus A to 85 kpc*, *MNRAS*, 432, 832
- Crowther, P.A. 2013, *On the association between core-collapse supernovae and H ii regions*, *MNRAS*, 428, 1927
- Cruzalèbes, P., Jorissen, A., Rabbia, Y., Sacuto, S., Chiavassa, A., Pasquato, E., Plez, B., Eriksson, K., Spang, A. & Chesneau, O. 2013, *Fundamental parameters of 16 late-type stars derived from their angular diameter measured with VLTI/AMBER*, *MNRAS*, 434, 437
- Cruzalèbes, P., Rabbia, Y., Jorissen, A., Spang, A., Sacuto, S., Pasquato, E., Chiavassa, A., Chesneau, O. & Fréville, P. 2013, *SPIDAST: a new modular software to process spectrointerferometric measurements*, *MNRAS*, 432, 1658
- Cseh, D., Grisé, F., Kaaret, P., Corbel, S., Scaringi, S., Groot, P., Falcke, H. & Körding, E. 2013, *Towards a dynamical mass of the ultraluminous X-ray source NGC 5408 X-1*, *MNRAS*, 435, 2896
- Cucchiara, A., Prochaska, J.X., Zhu, G., Ménard, B., Fynbo, J.P.U., Fox, D.B., Chen, H.-W., Cooksey, K.L., Cenko, S.B., Perley, D., Bloom, J.S., Berger, E., Tanvir, N.R., D'Elia, V., Lopez, S., Chornock, R., de Jaeger, T., 2013, *An Independent Measurement of the Incidence of Mg II Absorbers along Gamma-Ray Burst Sight Lines: The End of the Mystery?*, *ApJ*, 773, 82
- Cui, W.Y., Sivarani, T. & Christlieb, N. 2013, *The Hamburg/ESO R-process Enhanced Star survey (HERES). VIII. The r+s star HE 1405-0822*, *A&A*, 558, 36
- Cunha, D., Figueira, P., Santos, N.C., Lovis, C. & Boué, G. 2013, *Impact of stellar companions on precise radial velocities*, *A&A*, 550, 75
- Curran, P.A. & Chaty, S. 2013, *Near-infrared and optical observations of the failed outbursts of black hole binary XTE J1550-564*, *A&A*, 557, 45
- Currie, T., Burrows, A., Madhusudhan, N., Fukagawa, M., Girard, J.H., Dawson, R., Murray-Clay, R., Kenyon, S., Kuchner, M., Matsumura, S., Jayawardhana, R., Chambers, J. & Bromley, B. 2013, *A Combined Very Large Telescope and Gemini Study of the Atmosphere of the Directly Imaged Planet, β Pictoris b*, *ApJ*, 776, 15
- Curtis-Lake, E., McLure, R.J., Dunlop, J.S., Schenker, M., Rogers, A.B., Targett, T., Cirasuolo, M., Almaini, O., Ashby, M.L.N., Bradshaw, E.J., Finkelstein, S.L., Dickinson, M., Ellis, R.S., Faber, S.M., Fazio, G.G., Ferguson, H.C., Fontana, A., Grogan, N.A., Hartley, W.G., Kocevski, D.D., Koekemoer, A.M., Lai, K., Robertson, B.E., Vanzella, E. & Willner, S.P. 2013, *The ages, masses and star formation rates of spectroscopically confirmed $z \sim 6$ galaxies in CANDELS*, *MNRAS*, 429, 302
- D'Eugenio, F., Houghton, R.C.W., Davies, R.L. & Bontà, E.D. 2013, *Fast and slow rotators in the densest environments: a FLAMES/GIRAFFE integral field spectroscopy study of galaxies in A1689 at $z = 0.183$* , *MNRAS*, 429, 1258
- D'Odorico, V., Cupani, G., Cristiani, S., Maiolino, R., Molaro, P., Nonino, M., Centurión, M., Cimatti, A., di Serego Alighieri, S., Fiore, F., Fontana, A., Gallerani, S., Giallongo, E., Mannucci, F., Marconi, A., Pentericci, L., Viel, M. & Vladilo, G. 2013, *Metals in the IGM approaching the re-ionization epoch: results from X-shooter at the VLT*, *MNRAS*, 435, 1198
- D'Orazi, V., Campbell, S.W., Lugaro, M., Lattanzio, J.C., Pignatari, M. & Carretta, E. 2013, *On the internal pollution mechanisms in the globular cluster NGC 6121 (M4): heavy-element abundances and AGB models*, *MNRAS*, 433, 366
- D'Orazi, V., Lucatello, S., Lugaro, M., Gratton, R.G., Angelou, G., Bragaglia, A., Carretta, E., Alves-Brito, A., Ivans, I.I., Masseron, T. & Mucciarelli, A. 2013, *Fluorine Variations in the Globular Cluster NGC 6656 (M22): Implications for Internal Enrichment Timescales*, *ApJ*, 763, 22
- D'Orazi, V., Lugaro, M., Campbell, S.W., Bragaglia, A., Carretta, E., Gratton, R.G., Lucatello, S. & D'Antona, F. 2013, *Rubidium Abundances in the Globular Clusters NGC 6752, NGC 1904, and NGC 104 (47 Tuc)*, *ApJ*, 776, 59
- Dadina, M., Masetti, N., Cappi, M., Malaguti, G., Miniutti, G., Ponti, G., Gandhi, P. & De Marco, B. 2013, *Ultraluminous X-ray source XMUJ132218.3-164247 is in fact a type I Quasar*, *A&A*, 559, 86
- Daemgen, S., Petr-Gotzens, M.G., Correia, S., Teixeira, P.S., Brandner, W., Kley, W. & Zinnecker, H. 2013, *Protoplanetary disk evolution and stellar parameters of T Tauri binaries in Chamaeleon I*, *A&A*, 554, 43
- Dahle, H., Sarazin, C.L., Lopez, L.A., Kouveliotou, C., Patel, S.K., Rol, E., van der Horst, A.J., Fynbo, J., Wijers, R.A.M.J., Burrows, D.N., Gehrels, N., Grupe, D., Ramirez-Ruiz, E. & Michałowski, M.J. 2013, *The Burst Cluster: Dark Matter in a Cluster Merger Associated with the Short Gamma-Ray Burst, GRB 050509B*, *ApJ*, 772, 23
- Dahlen, T., Mobasher, B., Faber, S.M., Ferguson, H.C., Barro, G., Finkelstein, S.L., Finlator, K., Fontana, A., Gruetzbauch, R., Johnson, S., Pforr, J., Salvato, M., Wiklind, T., Wuyts, S., Acquaviva, V., Dickinson, M.E., Guo, Y., Huang, J., Huang, K.-H., Newman, J.A., Bell, E.F., Conselice, C.J., Galametz, A.,

- Gawiser, E., Giavalisco, M., Grogin, N.A., Hathi, N., Kocevski, D., Koekemoer, A.M., Koo, D.C., Lee, K.-S., McGrath, E.J., Papovich, C., Peth, M., Ryan, R., Somerville, R., Weiner, B., Wilson, G., 2013, *A Critical Assessment of Photometric Redshift Methods: A CANDELS Investigation*, ApJ, 775, 93
- Dahlstrom, J., York, D.G., Welty, D.E., Oka, T., Hobbs, L.M., Johnson, S., Friedman, S.D., Jiang, Z., Rachford, B.L., Sherman, R., Snow, T.P. & Sonnentrucker, P. 2013, *Anomalous Diffuse Interstellar Bands in the Spectrum of Herschel 36. I. Observations of Rotationally Excited CH and CH+ Absorption and Strong, Extended Redward Wings on Several DIBs*, ApJ, 773, 41
- Dalessandro, E., Ferraro, F.R., Massari, D., Lanzoni, B., Miocchi, P., Beccari, G., Bellini, A., Sills, A., Sigurdsson, S., Mucciarelli, A. & Lovisi, L. 2013, *Double Blue Straggler Sequences in Globular Clusters: The Case of NGC 362*, ApJ, 778, 135
- Dalessandro, E., Ferraro, F.R., Lanzoni, B., Schiavon, R.P., O'Connell, R.W. & Beccari, G. 2013, *Ultraviolet Observations of the Globular Cluster M10 from HST and GALEX: The BSS Population*, ApJ, 770, 45
- Danilenko, A., Kirichenko, A., Sollerman, J., Shibanov, Y. & Zyuzin, D. 2013, *Deep optical imaging of the γ -ray pulsar J1048-5832 with the VLT*, A&A, 552, 127
- Davidzon, I., Bolzonella, M., Coupon, J., Ilbert, O., Arnouts, S., de la Torre, S., Fritz, A., De Lucia, G., Iovino, A., Granett, B.R., Zamorani, G., Guzzo, L., Abbas, U., Adami, C., Bel, J., Bottini, D., Branchini, E., Cappi, A., Cucciati, O., Franzetti, P., Fumana, M., Garilli, B., Krywult, J., Le Brun, V., Le Fèvre, O., Maccagni, D., Małek, K., Marulli, F., McCracken, H.J., Paioro, L., Peacock, J.A., Polletta, M., Pollo, A., Schlagenhaufner, H., Scodéglio, M., Tasca, L.A.M., Tojeiro, R., Vergani, D., Zanichelli, A., Burden, A., Di Porto, C., Marchetti, A., Marinoni, C., Mellier, Y., Moscardini, L., Moutard, T., Nichol, R.C., Percival, W.J., Phleps, S. & Wolk, M. 2013, *The VIMOS Public Extragalactic Redshift Survey (VIPERS). A precise measurement of the galaxy stellar mass function and the abundance of massive galaxies at redshifts $0.5 < z < 1.3$* , A&A, 558, 23
- Davies, B., Kudritzki, R.-P., Plez, B., Trager, S., Lançon, A., Gazak, Z., Bergemann, M., Evans, C. & Chiavassa, A. 2013, *The Temperatures of Red Supergiants*, ApJ, 767, 3
- Davies, L.J.M., Bremer, M.N., Stanway, E.R. & Lehner, M.D. 2013, *The detection of FIR emission from high-redshift star-forming galaxies in the ECDF-S*, MNRAS, 433, 2588
- Day-Jones, A.C., Marocco, F., Pinfield, D.J., Zhang, Z.H., Birmingham, B., Deacon, N., Ruiz, M.T., Gallardo, J., Jones, H.R.A., Lucas, P.W.L., Jenkins, J.S., Gomes, J., Folkes, S.L. & Clarke, J.R.A. 2013, *The sub-stellar birth rate from UKIDSS*, MNRAS, 430, 1171
- de Gregorio-Monsalvo, I., Ménard, F., Dent, W., Pinte, C., López, C., Klaassen, P., Hales, A., Cortés, P., Rawlings, M.G., Tachihara, K., Testi, L., Takahashi, S., Chapillon, E., Mathews, G., Juhasz, A., Akiyama, E., Higuchi, A.E., Saito, M., Nyman, L.-Å., Phillips, N., Rodón, J., Corder, S., Van Kempen, T., 2013, *Unveiling the gas-and-dust disk structure in HD 163296 using ALMA observations*, A&A, 557, 133
- de Hoon, A., Lamer, G., Schwone, A., Mühlberger, M., Fassbender, R., Böhringer, H., Lerchster, M., Nastasi, A., Šuhada, R., Verdugo, M., Dietrich, J.P., Brimicoule, F., Rosati, P., Pierini, D., Santos, J.S., Quintana, H., Rabitz, A. & Takey, A. 2013, *Distant galaxy clusters in a deep XMM-Newton field within the CfTHLS D4*, A&A, 551, 8
- de Kok, R.J., Brogi, M., Snellen, I.A.G., Birkby, J., Albrecht, S. & de Mooij, E.J.W. 2013, *Detection of carbon monoxide in the high-resolution day-side spectrum of the exoplanet HD 189733b*, A&A, 554, 82
- de la Fuente Marcos, R., de la Fuente Marcos, C., Moni Bidin, C., Carraro, G. & Costa, E. 2013, *NGC 1252: a high altitude, metal poor open cluster remnant*, MNRAS, 434, 194
- de la Torre, S., Guzzo, L., Peacock, J.A., Branchini, E., Iovino, A., Granett, B.R., Abbas, U., Adami, C., Arnouts, S., Bel, J., Bolzonella, M., Bottini, D., Cappi, A., Coupon, J., Cucciati, O., Davidzon, I., De Lucia, G., Fritz, A., Franzetti, P., Fumana, M., Garilli, B., Ilbert, O., Krywult, J., Le Brun, V., Le Fèvre, O., Maccagni, D., Małek, K., Marulli, F., McCracken, H.J., Moscardini, L., Paioro, L., Percival, W.J., Polletta, M., Pollo, A., Schlagenhaufner, H., Scodéglio, M., Tasca, L.A.M., Tojeiro, R., Vergani, D., Zanichelli, A., Burden, A., Di Porto, C., Marchetti, A., Marinoni, C., Mellier, Y., Monaco, P., Nichol, R.C., Phleps, S., Wolk, M. & Zamorani, G. 2013, *The VIMOS Public Extragalactic Redshift Survey (VIPERS). Galaxy clustering and redshift-space distortions at $z \approx 0.8$ in the first data release*, A&A, 557, 54
- de Laverny, P. & Recio-Blanco, A. 2013, *Fluorine abundances and the puzzle of globular cluster chemical history*, A&A, 555, 121
- de Laverny, P. & Recio-Blanco, A. 2013, *Revised fluorine abundances in the globular cluster M 22*, A&A, 560, 74
- de Mooij, E.J.W., Brogi, M., de Kok, R.J., Snellen, I.A.G., Croll, B., Jayawardhana, R., Hoekstra, H., Otten, G.P.P.L., Bekkers, D.H., Haffert, S.Y. & van Houdt, J.J. 2013, *Search for Rayleigh Scattering in the Atmosphere of GJ1214b*, ApJ, 771, 109
- de Pater, I., Dunn, D.E., Stam, D.M., Showalter, M.R., Hammel, H.B., Min, M., Hartung, M., Gibbard, S.G., van Dam, M.A. & Matthews, K. 2013, *Keck and VLT AO observations and models of the uranus rings during the 2007 ring plane crossings*, Icar, 226, 1399
- De Silva, G.M., D'Orazi, V., Melo, C., Torres, C.A.O., Gieles, M., Quast, G.R. & Sterzik, M. 2013, *Search for associations containing young stars: chemical tagging IC 2391 and the Argus association*, MNRAS, 431, 1005
- de Ugarte Postigo, A., Campana, S., Thöne, C.C., D'Avanzo, P., Sánchez-Ramírez, R., Melandri, A., Gorosabel, J., Ghirlanda, G., Veres, P., Martín, S., Petitpas, G., Covino, S., Fynbo, J.P.U. & Levan, A.J. 2013, *The obscured hyper-energetic GRB 120624B hosted by a luminous compact galaxy at $z = 2.20$* , A&A, 557, L18
- Deason, A.J., Auger, M.W., Belokurov, V. & Evans, N.W. 2013, *The Dark Matter Halo Concentration and Stellar Initial Mass Function of a CASSOWARY Group*, ApJ, 773, 7
- Decock, A., Jehin, E., Hutsemékers, D. & Manfroid, J. 2013, *Forbidden oxygen lines in comets at various heliocentric distances*, A&A, 555, 34
- Dékány, I., Minniti, D., Catelan, M., Zoccali, M., Saito, R.K., Hempel, M. & Gonzalez, O.A. 2013, *VVV Survey Near-infrared Photometry of Known Bulge RR Lyrae Stars: The Distance to the Galactic Center and Absence of a Barred Distribution of the Metal-poor Population*, ApJ, 776, L19
- del Pino, A., Hidalgo, S.L., Aparicio, A., Gallart, C., Carrera, R., Monelli, M., Buonanno, R. & Marconi, G. 2013, *Spatial dependence of the star formation history in the central regions of the Fornax dwarf spheroidal galaxy*, MNRAS, 433, 1505
- Delfosse, X., Bonfils, X., Forveille, T., Udry, S., Mayor, M., Bouchy, F., Gillon, M., Lovis, C., Neves, V., Pepe, F., Perrier, C., Queloz, D., Santos, N.C. & Ségransan, D. 2013, *The HARPS search for southern extra-solar planets. XXXIII. Super-Earths around the M-dwarf neighbors Gl 433 and Gl 667C*, A&A, 553, 8
- Delorme, P., Gagné, J., Girard, J.H., Lagrange, A.M., Chauvin, G., Naud, M.-E., Lafrenière, D., Doyon, R., Riedel, A., Bonnefoy, M., Malo, L., 2013, *Direct-imaging discovery of a 12-14 Jupiter-mass object orbiting a young binary system of very low-mass stars*, A&A, 553, L5
- Desidera, S., Sozzetti, A., Bonomo, A.S., Gratton, R., Poretti, E., Claudi, R., Latham, D.W., Affer, L., Cosentino, R., Damasso, M., Esposito, M., Giacobbe, P., Malavolta, L., Nascimbeni, V., Piotto, G., Rainer, M., Scardia, M., Schmid, V.S., Lanza, A.F., Micela, G., Pagano, I., Bedin, L.R., Biazzo, K., Borsa, F., Carolo, E., Covino, E., Faedi, F., Hébrard, G., Lovis, C., Maggio, A., Mancini, L., Marzari, F., Messina, S., Molinari, E., Munari, U., Pepe, F., Santos, N., Scandariato, G., Shkolnik, E. & Southworth, J. 2013, *The GAPS programme with HARPS-N at TNG. II. No giant planets around the metal-poor star HIP 11952*, A&A, 554, 29

- Diener, C., Lilly, S.J., Knobel, C., Zamorani, G., Lemson, G., Kampczyk, P., Scoville, N., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fevre, O., Mainieri, V., Renzini, A., Scudeggio, M., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kovac, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Pello, R., Peng, Y., Perez Montero, E., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Bordoloi, R., Cappi, A., Cimatti, A., Coppa, G., Koekemoer, A.M., López-Sanjuan, C., McCracken, H.J., Moresco, M., Nair, P., Pozzetti, L., Welikala, N., 2013, *Proto-groups at 1.8 < z < 3 in the zCOSMOS-deep Sample*, ApJ, 765, 109
- DiPompeo, M.A., Brotherton, M.S. & De Breuck, C. 2013, *The orientation and polarization of broad absorption line quasars*, MNRAS, 428, 1565
- Doran, E.I., Crowther, P.A., de Koter, A., Evans, C.J., McEvoy, C., Walborn, N.R., Bastian, N., Bestenlehner, J.M., Gräfener, G., Herrero, A., Köhler, K., Maíz Apellániz, J., Najarro, F., Puls, J., Sana, H., Schneider, F.R.N., Taylor, W.D., van Loon, J.T. & Vink, J.S. 2013, *The VLT-FLAMES Tarantula Survey. XI. A census of the hot luminous stars and their feedback in 30 Doradus*, A&A, 558, 134
- Doressoundiram, A., Roques, F., Boissel, Y., Arenou, F., Dhillon, V., Littlefair, S. & Marsh, T. 2013, *Ground-based exploration of the outer Solar system by serendipitous stellar occultations*, MNRAS, 428, 2661
- Doyle, A.P., Smalley, B., Maxted, P.F.L., Anderson, D.R., Cameron, A.C., Gillon, M., Hellier, C., Pollacco, D., Queloz, D., Triaud, A.H.M.J. & West, R.G. 2013, *Accurate spectroscopic parameters of WASP planet host stars*, MNRAS, 428, 3164
- Drake, A.B., Simpson, C., Collins, C.A., James, P.A., Baldry, I.K., Ouchi, M., Jarvis, M.J., Bonfield, D.G., Ono, Y., Best, P.N., Dalton, G.B., Dunlop, J.S., McLure, R.J. & Smith, D.J.B. 2013, *Evolution of star formation in the UKIDSS Ultra Deep Survey field - I. Luminosity functions and cosmic star formation rate out to z = 1.6*, MNRAS, 433, 796
- Drilling, J.S., Jeffery, C.S., Heber, U., Moehler, S. & Napiwotzki, R. 2013, *An MK-like system of spectral classification for hot subdwarfs*, A&A, 551, 31
- Dufton, P.L., Langer, N., Dunstall, P.R., Evans, C.J., Brott, I., de Mink, S.E., Howarth, I.D., Kennedy, M., McEvoy, C., Potter, A.T., Ramírez-Agudelo, O.H., Sana, H., Simón-Díaz, S., Taylor, W. & Vink, J.S. 2013, *The VLT-FLAMES Tarantula Survey. X. Evidence for a bimodal distribution of rotational velocities for the single early B-type stars*, A&A, 550, 109
- Eckart, A., Mužić, K., Yazici, S., Sabha, N., Shahzamanian, B., Witzel, G., Moser, L., García-Marin, M., Valencia-S., M., Jalali, B., Bremer, M., Straubmeier, C., Rauch, C., Buchholz, R., Kunneriath, D. & Moultsaka, J. 2013, *Near-infrared proper motions and spectroscopy of infrared excess sources at the Galactic center*, A&A, 551, 18
- Eichner, T., Seitz, S., Suyu, S.H., Halkola, A., Umetsu, K., Zitrin, A., Coe, D., Monna, A., Rosati, P., Grillo, C., Balestra, I., Postman, M., Koekemoer, A., Zheng, W., Høst, O., Lemze, D., Broadhurst, T., Moustakas, L., Bradley, L., Molino, A., Nonino, M., Mercurio, A., Scudeggio, M., Bartelmann, M., Benitez, N., Bouwens, R., Donahue, M., Infante, L., Jouvel, S., Kelson, D., Lahav, O., Medezinski, E., Melchior, P., Merten, J. & Riess, A. 2013, *Galaxy Halo Truncation and Giant Arc Surface Brightness Reconstruction in the Cluster MACSJ1206.2-0847*, ApJ, 774, 124
- Eisenbeiss, T., Ammler-von Eiff, M., Roell, T., Mugrauer, M., Adam, C., Neuhäuser, R., Schmidt, T.O.B. & Bedalov, A. 2013, *The Hercules-Lyra association revisited. New age estimation and multiplicity study*, A&A, 556, 53
- Ejeta, C., Boehnhardt, H., Bagnulo, S., Muinonen, K., Kolokolova, L. & Tozzi, G.P. 2013, *Polarization of Saturn's moon Iapetus. II. Comparison of the dark and the bright sides*, A&A, 549, 61
- Eldridge, J.J., Fraser, M., Smartt, S.J., Maund, J.R. & Crockett, R.M. 2013, *The death of massive stars - II. Observational constraints on the progenitors of Type Ib/c supernovae*, MNRAS, 436, 774
- Elias-Rosa, N., Pastorello, A., Maund, J.R., Takáts, K., Fraser, M., Smartt, S.J., Benetti, S., Pignata, G., Sand, D. & Valenti, S. 2013, *On the progenitor of the Type Ic SN 2013dk in the Antennae galaxies*, MNRAS, 436, L109
- Ellerbroek, L.E., Bik, A., Kaper, L., Maaskant, K.M., Paalvast, M., Tramper, F., Sana, H., Waters, L.B.F.M. & Balog, Z. 2013, *RCW36: characterizing the outcome of massive star formation*, A&A, 558, 102
- Ellerbroek, L.E., Podio, L., Kaper, L., Sana, H., Huppenkothen, D., de Koter, A. & Monaco, L. 2013, *The outflow history of two Herbig-Haro jets in RCW 36: HH 1042 and HH 1043*, A&A, 551, 5
- Elliott, J., Krühler, T., Greiner, J., Savaglio, S., Olivares, F., Rau, E.A., de Ugarte Postigo, A., Sánchez-Ramírez, R., Wiersema, K., Schady, P., Kann, D.A., Filgas, R., Nardini, M., Berger, E., Fox, D., Gorosabel, J., Klose, S., Levan, A., Nicuesa Guelbenzu, A., Rossi, A., Schmidl, S., Sudilovsky, V., Tanvir, N.R. & Thöne, C.C. 2013, *The low-extinction afterglow in the solar-metallicity host galaxy of γ-ray burst 110918A*, A&A, 556, 23
- Elmegreen, B.G., Rubio, M., Hunter, D.A., Verdugo, C., Brinks, E. & Schruba, A. 2013, *Carbon monoxide in clouds at low metallicity in the dwarf irregular galaxy WLM*, Natur, 495, 487
- Esposito, P., Israel, G.L., Sidoli, L., Rodríguez Castillo, G.A., Masetti, N., D'Avanzo, P. & Campana, S. 2013, *CXOU J005047.9-731817: a 292-s X-ray binary pulsar in the Small Magellanic Cloud*, MNRAS, 433, 3464
- Esteban, C., Carigi, L., Copetti, M.V.F., García-Rojas, J., Mesa-Delgado, A., Castañeda, H.O. & Péquignot, D. 2013, *NGC 2579 and the carbon and oxygen abundance gradients beyond the solar circle*, MNRAS, 433, 382
- Evans, J.L., Churchill, C.W., Murphy, M.T., Nielsen, N.M. & Klimek, E.S. 2013, *The Redshift Distribution of Intervening Weak Mg II Quasar Absorbers and a Curious Dependence on Quasar Luminosity*, ApJ, 768, 3
- Evans, T.M. & Murphy, M.T. 2013, *A New Method for Detecting Velocity Shifts and Distortions between Optical Spectra*, ApJ, 778, 173
- Faedi, F., Staley, T., Gómez Maqueo Chew, Y., Pollacco, D., Dhital, S., Barros, S.C.C., Skillen, I., Hebb, L., Mackay, C. & Watson, C.A. 2013, *Lucky imaging of transiting planet host stars with LuckyCam*, MNRAS, 433, 2097
- Faloona, A.J., Webb, T.M.A., Ellingson, E., Yan, R., Gilbank, D.G., Geach, J.E., Noble, A.G., Barrientos, L.F., Yee, H.K.C., Gladders, M. & Richard, J. 2013, *The Structure of the Merging RCS 231953+00 Supercluster at z ~ 0.9*, ApJ, 768, 104
- Fang, M., van Boekel, R., Bouwman, J., Henning, T., Lawson, W.A. & Sicilia-Aguilar, A. 2013, *Young stars in ε Chamaeleontis and their disks: disk evolution in sparse associations*, A&A, 549, 15
- Fang, M., Kim, J.S., van Boekel, R., Sicilia-Aguilar, A., Henning, T. & Flaherty, K. 2013, *Young Stellar Objects in Lynds 1641: Disks, Accretion, and Star Formation History*, ApJS, 207, 5
- Fang, X. & Liu, X.-W. 2013, *Very deep spectroscopy of the bright Saturn nebula NGC 7009 - II. Analysis of the rich optical recombination spectrum*, MNRAS, 429, 2791
- Farihi, J., Gänsicke, B.T. & Koester, D. 2013, *Evidence of rocky planetesimals orbiting two Hyades stars*, MNRAS, 432, 1955
- Farina, E.P., Montuori, C., Decarli, R. & Fumagalli, M. 2013, *Caught in the act: discovery of a physical quasar triplet*, MNRAS, 431, 1019
- Farina, E.P., Falomo, R., Decarli, R., Treves, A. & Kotilainen, J.K. 2013, *On the cool gaseous haloes of quasars*, MNRAS, 429, 1267
- Fathivavsari, H., Petitjean, P., Ledoux, C., Noterdaeme, P., Srianand, R., Rahmani, H. & Ajabshirizadeh, A. 2013, *An investigation of the line of sight towards QSO PKS 0237-233*, MNRAS, 435, 1727

- Favre, C., Cleeves, L.I., Bergin, E.A., Qi, C. & Blake, G.A. 2013, *A Significantly Low CO Abundance toward the TW Hya Protoplanetary Disk: A Path to Active Carbon Chemistry?*, ApJ, 776, L38
- Feigelson, E.D., Townsley, L.K., Broos, P.S., Busk, H.A., Getman, K.V., King, R.R., Kuhn, M.A., Naylor, T., Povich, M.S., Baddeley, A., Bate, M.R., Indebetouw, R., Luhman, K.L., McCaughrean, M.J., Pittard, J.M., Pudritz, R.E., Sills, A., Song, Y. & Wadsley, J. 2013, *Overview of the Massive Young Star-Forming Complex Study in Infrared and X-Ray (MYStIX) Project*, ApJS, 209, 26
- Feldmeier, A., Lützgendorf, N., Neumayer, N., Kissler-Patig, M., Gebhardt, K., Baumgardt, H., Noyola, E., de Zeeuw, P.T. & Jalali, B. 2013, *Indication for an intermediate-mass black hole in the globular cluster NGC 5286 from kinematics*, A&A, 554, 63
- Ferrero, G., Gamen, R., Benvenuto, O. & Fernández-Lajús, E. 2013, *Apsidal motion in massive close binary systems - I. HD 165052, an extreme case?*, MNRAS, 433, 1300
- Folatelli, G., Morrell, N., Phillips, M.M., Hsiao, E., Campillay, A., Contreras, C., Castellón, S., Hamuy, M., Krzeminski, W., Roth, M., Stritzinger, M., Burns, C.R., Freedman, W.L., Madore, B.F., Murphy, D., Persson, S.E., Prieto, J.L., Suntzeff, N.B., Krisciunas, K., Anderson, J.P., Förster, F., Maza, J., Pignata, G., Rojas, P.A., Boldt, L., Salgado, F., Wyatt, P., Olivares E., F., Gal-Yam, A. & Sako, M. 2013, *Spectroscopy of Type Ia Supernovae by the Carnegie Supernova Project*, ApJ, 773, 53
- Foley, R.J., Challis, P.J., Chornock, R., Ganeshalingam, M., Li, W., Marion, G.H., Morrell, N.I., Pignata, G., Stritzinger, M.D., Silverman, J.M., Wang, X., Anderson, J.P., Filippenko, A.V., Freedman, W.L., Hamuy, M., Jha, S.W., Kirshner, R.P., McCully, C., Persson, S.E., Phillips, M.M., Reichart, D.E. & Soderberg, A.M. 2013, *Type Iax Supernovae: A New Class of Stellar Explosion*, ApJ, 767, 57
- Fong, W. & Berger, E. 2013, *The Locations of Short Gamma-Ray Bursts as Evidence for Compact Object Binary Progenitors*, ApJ, 776, 18
- Fornasier, S., Lelloch, E., Müller, T., Santos-Sanz, P., Panuzzo, P., Kiss, C., Lim, T., Mommert, M., Bockelée-Morvan, D., Vilenius, E., Stansberry, J., Tozzi, G.P., Mottola, S., Delsanti, A., Crovisier, J., Duffard, R., Henry, F., Lacerda, P., Barucci, A. & Gicquel, A. 2013, *TNOs are Cool: A survey of the trans-Neptunian region. VIII. Combined Herschel PACS and SPIRE observations of nine bright targets at 70-500 μm*, A&A, 555, 15
- Fossati, L., Kochukhov, O., Jenkins, J.S., Stancliffe, R.J., Haswell, C.A., Elmasli, A. & Nickson, E. 2013, *Detection of a magnetic field in three old and inactive solar-like planet-hosting stars*, A&A, 551, 85
- Fox, A.J., Richter, P., Wakker, B.P., Lehner, N., Howk, J.C., Ben Bekhti, N., Bland-Hawthorn, J. & Lucas, S. 2013, *The COS/UVES Absorption Survey of the Magellanic Stream. I. One-tenth Solar Abundances along the Body of the Stream*, ApJ, 772, 110
- François, P., Pasquini, L., Biazzo, K., Bonifacio, P. & Palsa, R. 2013, *Lithium abundance in the metal-poor open cluster NGC 2243*, A&A, 552, 136
- Fransson, C., Larsson, J., Spyromilio, J., Chevalier, R., Grönningsson, P., Jerkstrand, A., Leibundgut, B., McCray, R., Challis, P., Kirshner, R.P., Kjaer, K., Lundqvist, P. & Sollerman, J. 2013, *Late Spectral Evolution of the Ejecta and Reverse Shock in SN 1987A*, ApJ, 768, 88
- Fraser, M., Inserra, C., Jerkstrand, A., Kotak, R., Pignata, G., Benetti, S., Botticella, M.-T., Bufano, F., Childress, M., Mattila, S., Pastorello, A., Smartt, S.J., Turatto, M., Yuan, F., Anderson, J.P., Bayliss, D.D.R., Bauer, F.E., Chen, T.-W., Förster Burón, F., Gal-Yam, A., Haislip, J.B., Knapp, C., Le Guillou, L., Marchi, S., Mazzali, P., Molinaro, M., Moore, J.P., Reichart, D., Smareglia, R., Smith, K.W., Sternberg, A., Sullivan, M., Takáts, K., Tucker, B.E., Valenti, S., Yaron, O., Young, D.R., Zhou, G., 2013, *SN 2009jp à la PESSTO: no evidence for core collapse yet*, MNRAS, 433, 1312
- Fynbo, J.P.U., Geier, S.J., Christensen, L., Gallazzi, A., Krogager, J.-K., Krühler, T., Ledoux, C., Maund, J.R., Möller, P., Noterdaeme, P., Rivera-Thorsen, T., Vestergaard, M., 2013, *On the two high-metallicity DLAs at z = 2.412 and 2.583 towards Q 0918+1636*, MNRAS, 436, 361
- Fynbo, J.P.U., Krogager, J.-K., Venemans, B., Noterdaeme, P., Vestergaard, M., Möller, P., Ledoux, C. & Geier, S. 2013, *Optical/Near-infrared Selection of Red Quasi-stellar Objects: Evidence for Steep Extinction Curves toward Galactic Centers?*, ApJS, 204, 6
- Gabányi, K.É., Mosoni, L., Juhász, A., Ábrahám, P., Ratzka, T., Sipos, N., van Boekel, R. & Jaffe, W. 2013, *Probing the temporal and spatial variations of dust emission in the protoplanetary disk of DG Tau with VLTI/MIDI: Preliminary results*, AN, 334, 912
- Gahm, G.F., Stempels, H.C., Walter, F.M., Petrov, P.P. & Herczeg, G.J. 2013, *Face to phase with RU Lupi*, A&A, 560, 57
- Gahm, G.F., Persson, C.M., Mäkelä, M.M. & Haikala, L.K. 2013, *Mass and motion of globulettes in the Rosette Nebula*, A&A, 555, 57
- Galametz, A., Stern, D., Pentericci, L., De Breuck, C., Vernet, J., Wylezalek, D., Fassbender, R., Hatch, N., Kurk, J., Overzier, R., Rettura, A. & Seymour, N. 2013, *A large-scale galaxy structure at z = 2.02 associated with the radio galaxy MRC 0156-252*, A&A, 559, 2
- Galametz, A., Grazian, A., Fontana, A., Ferguson, H.C., Ashby, M.L.N., Barro, G., Castellano, M., Dahlem, T., Donley, J.L., Faber, S.M., Grogin, N., Guo, Y., Huang, K.-H., Kocevski, D.D., Koekemoer, A.M., Lee, K.-S., McGrath, E.J., Peth, M., Willner, S.P., Almaini, O., Cooper, M., Cooray, A., Conselice, C.J., Dickinson, M., Dunlop, J.S., Fazio, G.G., Foucaud, S., Gardner, J.P., Giavalisco, M., Hathi, N.P., Hartley, W.G., Koo, D.C., Lai, K., de Mello, D.F., McLure, R.J., Lucas, R.A., Paris, D., Pentericci, L., Santini, P., Simpson, C., Sommariva, V., Targett, T., Weiner, B.J., Wuyts, S., the CANDELS team, t.C.t., 2013, *CANDELS Multiwavelength Catalogs: Source Identification and Photometry in the CANDELS UKIDSS Ultra-deep Survey Field*, ApJS, 206, 10
- Galan, C., Tomov, T., Kato, T., Pojmański, G., Szczygieł, D.M., Pilecki, B., Graczyk, D., Gromadzki, M., Mikołajewski, M., Gieren, W., Strobel, A. & Roukema, B.F. 2013, *A new look at the long-period eclipsing binary V383 Scorpi*, A&A, 550, 93
- Galazutdinov, G., Krełowski, J., Beletsky, Y. & Valyavin, G. 2013, *Variable interstellar lines in spectra of HD 73882*, PASP, 125, 1329
- Gallenne, A., Mérand, A., Kervella, P., Chesneau, O., Breitfelder, J. & Gieren, W. 2013, *Extended envelopes around Galactic Cepheids. IV. T Monocerotis and X Sagittarii from mid-infrared interferometry with VLTI/MIDI*, A&A, 558, 140
- Galli, P.A.B., Bertout, C., Teixeira, R. & Ducourant, C. 2013, *A kinematic study and membership analysis of the Lupus star-forming region*, A&A, 558, 77
- Gandhi, P., Yamanaka, M., Tanaka, M., Nozawa, T., Kawabata, K.S., Saviane, I., Maeda, K., Moriya, T.J., Hattori, T., Sasada, M. & Itoh, R. 2013, *SN 2009js at the Crossroads between Normal and Subluminous Type IIP Supernovae: Optical and Mid-infrared Evolution*, ApJ, 767, 166
- García Hernández, A., Moya, A., Michel, E., Suárez, J.C., Poretti, E., Martín-Ruiz, S., Amado, P.J., Garrido, R., Rodríguez, E., Rainer, M., Utterhoeven, K., Rodrigo, C., Solano, E., Rodón, J.R., Mathias, P., Rolland, A., Auvergne, M., Baglin, A., Baudin, F., Catala, C. & Samadi, R. 2013, *An in-depth study of HD 174966 with CoRoT photometry and HARPS spectroscopy. Large separation as a new observable for δ Scuti stars*, A&A, 559, 63
- García Lopez, R., Caratti o Garatti, A., Weigelt, G., Nisini, B. & Antoniucci, S. 2013, *Spatially resolved H2 emission from a very low-mass star*, A&A, 552, L2

- Garcia, P.J.V., Benisty, M., Dougados, C., Bacciotti, F., Clausse, J.-M., Massi, F., Mérand, A., Petrov, R., Weigelt, G., 2013, *Pre-main-sequence binaries with tidally disrupted discs: the Bry in HD 104237*, MNRAS, 430, 1839
- García-Hernández, D.A. & Díaz-Luis, J.J. 2013, *Diffuse interstellar bands in fullerene planetary nebulae: the fullerenes - diffuse interstellar bands connection*, A&A, 550, L6
- García-Hernández, D.A., Zamora, O., Yagüe, A., Utenthaler, S., Karakas, A.I., Lugaro, M., Ventura, P. & Lambert, D.L. 2013, *Hot bottom burning and s-process nucleosynthesis in massive AGB stars at the beginning of the thermally-pulsing phase*, A&A, 555, L3
- Garrido, H.E., Mennickent, R.E., Djurašević, G., Kolaczkowski, Z., Niemczura, E. & Mennekens, N. 2013, *Physical parameters and evolutionary route for the Large Magellanic Cloud interacting binary OGLE 05155332-6925581*, MNRAS, 428, 1594
- Garufi, A., Quanz, S.P., Avenhaus, H., Buenzli, E., Dominik, C., Meru, F., Meyer, M.R., Pinilla, P., Schmid, H.M. & Wolf, S. 2013, *Small vs. large dust grains in transitional disks: do different cavity sizes indicate a planet?* SAO 206462 (HD 135344B) in polarized light with VLT/NACO, A&A, 560, 105
- Gazzano, J.-C., Kordopatis, G., Deleuil, M., de Laverny, P. & Recio-Blanco, A.Hill, V. 2013, *Characterisation of the Galactic thin disc with CoRoT targets*, A&A, 550, 125
- Geier, S., Marsh, T.R., Wang, B., Dunlap, B., Barlow, B.N., Schaffenroth, V., Chen, X., Irrgang, A., Maxted, P.F.L., Ziegerer, E., Kupfer, T., Miszalski, B., Heber, U., Han, Z., Shporer, A., Telting, J.H., Gänsicke, B.T., Østensen, R.H., O'Toole, S.J. & Napiwotzki, R. 2013, *A progenitor binary and an ejected mass donor remnant of faint type Ia supernovae*, A&A, 554, 54
- Geier, S. 2013, *Hot subdwarf stars in close-up view. III. Metal abundances of subdwarf B stars*, A&A, 549, 110
- Geier, S., Heber, U., Edelmann, H., Morales-Rueda, L., Kilkenny, D., O'Donoghue, D., Marsh, T.R. & Copperwheat, C. 2013, *Hot subdwarf stars in close-up view. IV. Helium abundances and the 3He isotopic anomaly of subdwarf B stars*, A&A, 557, 122
- Geier, S., Heber, U., Heuser, C., Classen, L., O'Toole, S.J. & Edelmann, H. 2013, *The subdwarf B star SB 290 - A fast rotator on the extreme horizontal branch*, A&A, 551, L4
- Geier, S., Richard, J., Man, A.W.S., Krühler, T., Toft, S., Marchesini, D. & Fynbo, J.P.U. 2013, *VLT/X-Shooter Near-infrared Spectroscopy and HST Imaging of Gravitationally Lensed z ~ 2 Compact Quiescent Galaxies*, ApJ, 777, 87
- Genovali, K., Lemasse, B., Bono, G., Romaniello, M., Primas, F., Fabrizio, M., Buonanno, R., François, P., Inno, L., Laney, C.D., Matsunaga, N., Pedicelli, S. & Thévenin, F. 2013, *On the metallicity distribution of classical Cepheids in the Galactic inner disk*, A&A, 554, 132
- Giannetti, A., Brand, J., Sánchez-Monge, Á., Fontani, F., Cesaroni, R., Beltrán, M.T., Molinari, S., Dodson, R. & Rioja, M.J. 2013, *Physical properties of high-mass clumps in different stages of evolution*, A&A, 556, 16
- Giannini, T., Lorenzetti, D., De Luca, M., Strafella, F., Elia, D., Maiolo, B., Marengo, M., Maruccia, Y., Massi, F., Nisini, B., Olmi, L., Salama, A. & Smith, H.A. 2013, *Spitzer-IRAC Survey of Molecular Jets in Vela-D*, ApJ, 767, 147
- Giannini, T., Nisini, B., Antonucci, S., Alcalá, J.M., Bacciotti, F., Bonito, R., Podio, L., Stelzer, B. & Whelan, E.T. 2013, *The Diagnostic Potential of Fe Lines Applied to Protostellar Jets*, ApJ, 778, 71
- Gieren, W., Górski, M., Pietrzyński, G., Konorski, P., Suchomska, K., Graczyk, D., Pilecki, B., Bresolin, F., Kudritzki, R.-P., Storm, J., Karczmarek, P., Gallenne, A., Calderón, P., Geisler, D., 2013, *The Araucaria Project. A Distance Determination to the Local Group Spiral M33 from Near-infrared Photometry of Cepheid Variables*, ApJ, 773, 69
- Gillessen, S., Genzel, R., Fritz, T.K., Eisenhauer, F., Pfuhl, O., Ott, T., Cuadra, J., Schartmann, M. & Burkert, A. 2013, *New Observations of the Gas Cloud G2 in the Galactic Center*, ApJ, 763, 78
- Gillessen, S., Genzel, R., Fritz, T.K., Eisenhauer, F., Pfuhl, O., Ott, T., Schartmann, M., Ballone, A. & Burkert, A. 2013, *Pericenter Passage of the Gas Cloud G2 in the Galactic Center*, ApJ, 774, 44
- Gilmore, G., Norris, J.E., Monaco, L., Yong, D., Wyse, R.F.G. & Geisler, D. 2013, *Elemental Abundances and their Implications for the Chemical Enrichment of the Boötes I Ultrafaint Galaxy*, ApJ, 763, 61
- Ginski, C., Neuhauser, R., Mugrauer, M., Schmidt, T.O.B. & Adam, C. 2013, *Orbital motion of the binary brown dwarf companions HD 130948 BC around their host star*, MNRAS, 434, 671
- Ginski, C., Mugrauer, M., Seeliger, M. & Löhne, T. 2013, *The multiplicity status of three exoplanet host stars*, A&A, 559, 71
- Gladders, M.D., Rigby, J.R., Sharon, K., Wuyts, E., Abramson, L.E., Dahle, H., Persson, S.E., Monson, A.J., Kelson, D.D., Benford, D.J., Murphy, D., Bayliss, M.B., Finkelstein, K.D., Koester, B.P., Bans, A., Baxter, E.J. & Helsby, J.E. 2013, *SGAS 143845.1+145407: A Big, Cool Starburst at Redshift 0.816*, ApJ, 764, 177
- Gnerucci, A., Marconi, A., Capetti, A., Axon, D.J. & Robinson, A. 2013, *Spectroastrometry of rotating gas disks for the detection of supermassive black holes in galactic nuclei. III. CRIRES observations of the Circinus galaxy*, A&A, 549, 139
- González Hernández, J.I., Delgado-Mena, E., Sousa, S.G., Israelian, G., Santos, N.C., Adibekyan, V.Z. & Udry, S. 2013, *Searching for the signatures of terrestrial planets in F-, G-type main-sequence stars*, A&A, 552, 6
- Gonzalez, O.A., Rejkuba, M., Zoccali, M., Valenti, E., Minniti, D. & Tobar, R. 2013, *Reddening and metallicity maps of the Milky Way bulge from VVV and 2MASS. III. The first global photometric metallicity map of the Galactic bulge*, A&A, 552, 110
- Goto, M., Usuda, T., Geballe, T.R., Menten, K.M., Indriolo, N. & Neufeld, D.A. 2013, *Fundamental vibrational transitions of hydrogen chloride detected in CRL 2136*, A&A, 558, L5
- Gould, A., Yee, J.C., Bond, I.A., Udalski, A., Han, C., Jørgensen, U.G., Greenhill, J., Tsapras, Y., Pinsonneault, M.H., Bensby, T., Allen, W., Almeida, L.A., Bos, M., Christie, G.W., DePoy, D.L., Dong, S., Gaudi, B.S., Hung, L.-W., Jablonski, F., Lee, C.-U., McCormick, J., Moorhouse, D., Muñoz, J.A., Natusch, T., Nola, M., Pogge, R.W., Skowron, J., Thornley, G., The µFUN Collaboration, T.µ.C., Abe, F., Bennett, D.P., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Furusawa, K., Harris, P., Itow, Y., Ling, C.H., Masuda, K., Matsubara, Y., Miyake, N., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Sumi, T., Suzuki, D., Sweatman, W.L., Tristram, P.J., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Szymański, M.K., Soszyński, I., Kubiak, M., Poleski, R., Ulaczyk, K., Pietrzyński, G., Wyrzykowski, Ł., The OGLE Collaboration, T.O.C., Alsubai, K.A., Bozza, V., Browne, P., Burgdorf, M.J., Calchi Novati, S., Dodds, P., Dominik, M., Finet, F., Gerner, T., Hardis, S., Harpsøe, K., Hessman, F.V., Hinse, T.C., Hundertmark, M., Kains, N., Kerins, E., Liebig, C., Mancini, L., Mathiasen, M., Penny, M.T., Proft, S., Rahvar, S., Ricci, D., Sahu, K.C., Scarpetta, G., Schäfer, S., Schönebeck, F., Snodgrass, C., Southworth, J., Surdej, J., Wambsganss, J., MiNDSTEp Consortium, T., Street, R.A., Horne, K., Bramich, D.M., Steele, I.A., The RoboNet Collaboration, T.R.C., Albrow, M.D., Bachelet, E., Batista, V., Beatty, T.G., Beaulieu, J.-P., Bennett, C.S., Bowens-Rubin, R., Brillant, S., Caldwell, J.A.R., Cassan, A., Cole, A.A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Fouqué, P., Henderson, C.B., Kubas, D., Marquette, J.-B., Martin, R., Menzies, J.W., Shappee, B., Williams, A., van Saders, J., Zub, M., The PLANET Collaboration, T.P.C., 2013, *MOA-2010-BLG-523: "Failed Planet" = RS CVn Star*, ApJ, 763, 141
- Grady, C.A., Muto, T., Hashimoto, J., Fukagawa, M., Currie, T., Biller, B., Thalmann, C., Sitko, M.L., Russell, R., Wisniewski, J., Dong, R., Kwon, J., Sai, S., Hornbeck, J., Schneider, G.,

- Hines, D., Moro Martín, A., Feldt, M., Henning, T., Pott, J.-U., Bonnefoy, M., Bouwman, J., Lacour, S., Mueller, A., Juhász, A., Crida, A., Chauvin, G., Andrews, S., Wilner, D., Kraus, A., Dahm, S., Robitaille, T., Jang-Condell, H., Abe, L., Akiyama, E., Brandner, W., Brandt, T., Carson, J., Egner, S., Follette, K.B., Goto, M., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Hodapp, K., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G., Kudo, T., Kusakabe, N., Kuzuhara, M., Mayama, S., McElwain, M., Matsuo, T., Miyama, S., Morino, J.-I., Nishimura, T., Pyo, T.-S., Serabyn, G., Suto, H., Suzuki, R., Takami, M., Takato, N., Terada, H., Tomono, D., Turner, E., Watanabe, M., Yamada, T., Takami, H., Usuda, T., Tamura, M., 2013, *Spiral Arms in the Asymmetrically Illuminated Disk of MWC 758 and Constraints on Giant Planets*, ApJ, 762, 48
- Gräfe, C. & Wolf, S. 2013, *Mid-infrared observations of the circumstellar disks around PDS 66 and CRBR 2422.8-3423*, A&A, 552, 88
- Gratton, R.G., Lucatello, S., Sollima, A., Carretta, E., Bragaglia, A., Momany, Y., D'Orazi, V., Cassisi, S., Pietrinferni, A. & Salaris, M. 2013, *The Na-O anticorrelation in horizontal branch stars. III. 47 Tucanae and M 5*, A&A, 549, 41
- Greiner, J., Krühler, T., Nardini, M., Filgas, R., Moin, A., de Breuck, C., Montenegro-Montes, F., Lundgren, A., Klose, S.,fonso, P.M.J., Bertoldi, F., Elliott, J., Kann, D.A., Knust, F., Merten, K., Nicuesa Guelbenzu, A., Olivares E., F., Rau, A., Rossi, A., Schady, P., Schmidl, S., Siringo, G., Spezzi, L., Sudilovsky, V., Tingay, S.J., Updike, A.C., Wang, Z., Weiss, A., Wieringa, M. & Wyrowski, F. 2013, *The unusual afterglow of the gamma-ray burst 100621A*, A&A, 560, 70
- Grellmann, R., Preibisch, T., Ratzka, T., Kraus, S., Helminiak, K.G. & Zinnecker, H. 2013, *The multiplicity of massive stars in the Orion Nebula Cluster as seen with long-baseline interferometry*, A&A, 550, 82
- Grillo, C., Christensen, L., Gallazzi, A. & Rasmussen, J. 2013, *Measuring the total and baryonic mass profiles of the very massive CASSOWARY 31 strong lens. A fossil system at z = 0.7?*, MNRAS, 433, 2604
- Grosbøl, P. & Dottori, H. 2013, *Mortality and dust expulsion in early phases of stellar clusters. Evidence from NIR photometry of nearby, spiral galaxies*, A&A, 551, L13
- Grupe, D., Komossa, S., Scharwächter, J., Dietrich, M., Leighly, K.M., Lucy, A. & Barlow, B.N. 2013, *Strong UV and X-Ray Variability of the Narrow Line Seyfert 1 Galaxy WPVS 007—on the Nature of the X-Ray Low State*, AJ, 146, 78
- Gruyters, P., Korn, A.J., Richard, O., Grundahl, F., Collet, R., Mashonkina, L.I., Osorio, Y. & Barklem, P.S. 2013, *Atomic diffusion and mixing in old stars. IV. Weak abundance trends in the globular cluster NGC 6752*, A&A, 555, 31
- Guenther, E.W., Fridlund, M., Alonso, R., Carpano, S., Deeg, H.J., Deleuil, M., Dreizler, S., Endl, M., Gandolfi, D., Gillon, M., Guillot, T., Jehin, E., Léger, A., Moutou, C., Nortmann, L., Rouan, D., Samuel, B., Schneider, J. & Tingley, B. 2013, *High angular resolution imaging and infrared spectroscopy of CoRoT candidates*, A&A, 556, 75
- Guerras, E., Mediavilla, E., Jimenez-Vicente, J., Kochanek, C.S., Muñoz, J.A., Falco, E., Motta, V. & Rojas, K. 2013, *Microlensing of Quasar Ultraviolet Iron Emission*, ApJ, 778, 123
- Guiglion, G., Nardetto, N., Mathias, P., Domiciano de Souza, A., Poretti, E., Rainier, M., Fokin, A., Mourard, D. & Gieren, W. 2013, *Understanding the dynamical structure of pulsating stars: The Baade-Wesselink projection factor of the δ Scuti stars Al Velorum and β Cassiopeiae*, A&A, 550, L10
- Gullikson, K. & Dodson-Robinson, S. 2013, *Detection of Low-Mass-ratio Stellar Binary Systems*, AJ, 145, 3
- Günther, H.M., Wolter, U., Robrade, J. & Wolk, S.J. 2013, *MN Lup: X-Rays from a Weakly Accreting T Tauri Star*, ApJ, 771, 70
- Guo, Y., Ferguson, H.C., Giavalisco, M., Barro, G., Willner, S.P., Ashby, M.L.N., Dahlen, T., Donley, J.L., Faber, S.M., Fontana, A., Galametz, A., Grazian, A., Huang, K.-H., Kocevski, D.D., Koekemoer, A.M., Koo, D.C., McGrath, E.J., Peth, M., Salvato, M., Wuyts, S., Castellano, M., Cooray, A.R., Dickinson, M.E., Dunlop, J.S., Fazio, G.G., Gardner, J.P., Gawiser, E., Grogin, N.A., Hathi, N.P., Hsu, L.-T., Lee, K.-S., Lucas, R.A., Mobasher, B., Nandra, K., Newman, J.A., van der Wel, A., 2013, *CANDELS Multi-wavelength Catalogs: Source Detection and Photometry in the GOODS-South Field*, ApJS, 207, 24
- Habibi, M., Stolte, A., Brandner, W., Hußmann, B. & Motohara, K. 2013, *The Arches cluster out to its tidal radius: dynamical mass segregation and the effect of the extinction law on the stellar mass function*, A&A, 556, 26
- Hacar, A., Tafalla, M., Kauffmann, J. & Kovács, A. 2013, *Cores, filaments, and bundles: hierarchical core formation in the L1495/B213 Taurus region*, A&A, 554, 55
- Hansen, C.J., Bergemann, M., Cescutti, G., François, P., Arcones, A., Karakas, A.I., Lind, K. & Chiappini, C. 2013, *LTE or non-LTE, that is the question. The NLTE chemical evolution of strontium in extremely metal-poor stars*, A&A, 551, 57
- Hardegree-Ullman, E., Harju, J., Juvela, M., Sipilä, O., Whittet, D.C.B. & Hotzel, S. 2013, *Chemical and Physical Conditions in Molecular Cloud Core DC 000.4-19.5 (SL42) in Corona Australis*, ApJ, 763, 45
- Hartoog, O.E., Wiersema, K., Vreeswijk, P.M., Kaper, L., Tanvir, N.R., Savaglio, S., Berger, E., Chornock, R., Covino, S., D'Elia, V., Flores, H., Fynbo, J.P.U., Goldoni, P., Gomboc, A., Melandri, A., Pozanenko, A., Schaye, J., Postigo, A.d.U. & Wijers, R.A.M.J. 2013, *The host-galaxy response to the afterglow of GRB 100901A*, MNRAS, 430, 2739
- Hatzes, A.P. 2013, *The Radial Velocity Detection of Earth-mass Planets in the Presence of Activity Noise: The Case of α Centauri Bb*, ApJ, 770, 133
- Heida, M., Jonker, P.G., Torres, M.A.P., Roberts, T.P., Miniutti, G., Fabian, A.C. & Ratti, E.M. 2013, *VLT/FORS2 observations of four high-luminosity ULX candidates*, MNRAS, 433, 681
- Helder, E.A., Vink, J., Bamba, A., Bleeker, J.A.M., Burrows, D.N., Ghavamian, P. & Yamazaki, R. 2013, *Proper motions of Hα filaments in the supernova remnant RCW 86*, MNRAS, 435, 910
- Helminiak, K.G., Devor, J., Minniti, D. & Sybilska, P. 2013, *Tracing the structure of the Milky Way with detached eclipsing binaries from the VVV survey - I. The method and initial results*, MNRAS, 432, 2895
- Hernán-Caballero, A., Alonso-Herrero, A., Pérez-González, P.G., Cardiel, N., Cava, A., Ferreras, I., Barro, G., Tresse, L., Daddi, E., Cenarro, J., Conselice, C.J., Guzmán, R. & Gallego, J. 2013, *SHARDS: stellar populations and star formation histories of a mass-selected sample of 0.65 < z < 1.1 galaxies*, MNRAS, 434, 2136
- Herrera, C.N., Rubio, M., Bolatto, A.D., Boulanger, F., Israel, F.P. & Rantakyrö, F.T. 2013, *Millimeter dust emission compared with other mass estimates in N11 molecular clouds in the LMC*, A&A, 554, 91
- Heywood, I., Bielby, R.M., Hill, M.D., Metcalfe, N., Rawlings, S., Shanks, T. & Smirnov, O.M. 2013, *Sub-millimetre source identifications and the microjansky source population at 8.4 GHz in the William Herschel Deep Field*, MNRAS, 428, 935
- Hezaveh, Y.D., Marrone, D.P., Fassnacht, C.D., Spilker, J.S., Vieira, J.D., Aguirre, J.E., Aird, K.A., Aravena, M., Ashby, M.L.N., Bayliss, M., Benson, B.A., Bleem, L.E., Bothwell, M., Brodwin, M., Carlstrom, J.E., Chang, C.L., Chapman, S.C., Crawford, T.M., Crites, A.T., De Breuck, C., de Haan, T., Dobbs, M.A., Fomalont, E.B., George, E.M., Gladders, M.D., Gonzalez, A.H., Greve, T.R., Halverson, N.W., High, F.W., Holder, G.P., Holzapfel, W.L., Hoover, S., Hrubes, J.D., Husband, K., Hunter, T.R., Keisler, R., Lee, A.T., Leitch, E.M., Lueker, M., Luong-Van, D., Malkan, M., McIntyre, V., McMahon, J.J., Mehl, J., Menten, K.M., Meyer, S.S., Mocanu, L.M., Murphy, E.J., Natoli, T., Padin, S., Plagge, T., Reichardt, C.L., Rest, A., Ruel, J., Ruhl, J.E., Sharon, K., Schaffer, K.K., Shaw, L., Shirokoff, E., Stalder, B., Staniszewski, Z., Stark, A.A., Story, K., Vanderlinde, K., Weiβ, A., Welikala, N. &

- Williamson, R. 2013, ALMA Observations of SPT-discovered, Strongly Lensed, Dusty, Star-forming Galaxies, ApJ, 767, 132
- Hicks, E.K.S., Davies, R.I., Maciejewski, W., Emsellem, E., Malkan, M.A., Dumas, G., Müller-Sánchez, F. & Rivers, A. 2013, Fueling Active Galactic Nuclei. I. How the Global Characteristics of the Central Kiloparsec of Seyferts Differ from Quiescent Galaxies, ApJ, 768, 107
- Hillen, M., Verhoelst, T., Van Winckel, H., Chesneau, O., Hummel, C.A., Monnier, J.D., Farrington, C., Tycner, C., Mourard, D., ten Brummelaar, T., Banerjee, D.P.K. & Zavala, R.T. 2013, An interferometric study of the post-AGB binary 89 Herculis. I. Spatially resolving the continuum circumstellar environment at optical and near-IR wavelengths with the VLTI, NPOI, IOTA, PTI, and the CHARA Array, A&A, 559, 111
- Hjorth, J., Vreeswijk, P.M., Gall, C. & Watson, D. 2013, On Inferring Extinction Laws in $z \sim 6$ Quasars as Signatures of Supernova Dust, ApJ, 768, 173
- Hodge, J.A., Karim, A., Smail, I., Swinbank, A.M., Walter, F., Biggs, A.D., Ivison, R.J., Weiss, A., Alexander, D.M., Bertoldi, F., Brandt, W.N., Chapman, S.C., Coppin, K.E.K., Cox, P., Danielson, A.L.R., Dannerbauer, H., De Breuck, C., Decarli, R., Edge, A.C., Greve, T.R., Knudsen, K.K., Menten, K.M., Rix, H.-W., Schinnerer, E., Simpson, J.M., Wardlow, J.L., van der Werf, P., 2013, An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field South: Source Catalog and Multiplicity, ApJ, 768, 91
- Holwerda, B.W., Böker, T., Dalcanton, J.J., Keel, W.C. & de Jong, R.S. 2013, VLT/VIMOS observations of an occulting galaxy pair: redshifts and effective extinction curve, MNRAS, 433, 47
- Hönig, S.F., Kishimoto, M., Tristram, K.R.W., Prieto, M.A., Gandhi, P., Asmus, D., Antonucci, R., Burtscher, L., Duschl, W.J. & Weigelt, G. 2013, Dust in the Polar Region as a Major Contributor to the Infrared Emission of Active Galactic Nuclei, ApJ, 771, 87
- Hou, A., Parker, L.C., Balogh, M.L., McGee, S.L., Wilman, D.J., Connelly, J.L., Harris, W.E., Mok, A., Mulchaey, J.S., Bower, R.G. & Finoguenov, A. 2013, Do group dynamics play a role in the evolution of member galaxies?, MNRAS, 435, 1715
- Howell, D.A., Kasen, D., Lidman, C., Sullivan, M., Conley, A., Astier, P., Balland, C., Carlberg, R.G., Fouchez, D., Guy, J., Hardin, D., Pain, R., Palanque-Delabrouille, N., Perrett, K., Pritchett, C.J., Regnault, N., Rich, J. & Ruhlmann-Kleider, V. 2013, Two Superluminous Supernovae from the Early Universe Discovered by the Supernova Legacy Survey, ApJ, 779, 98
- Hubrig, S., Schöller, M., Ilyin, I., Kharchenko, N.V., Oskinova, L.M., Langer, N., González, J.F., Kholtygin, A.F., Briquet, M. & Magori Collaboration, M.C. 2013, Exploring the origin of magnetic fields in massive stars. II. New magnetic field measurements in cluster and field stars, A&A, 551, 33
- Hubrig, S., Ilyin, I., Schöller, M. & Lo Curto, G. 2013, HARPS spectropolarimetry of Herbig Ae/Be stars, AN, 334, 1093
- Huckvale, L., Prouse, B., Jones, D., Lloyd, M., Pollacco, D., López, J.A., O'Brien, T.J., Sabin, L. & Vaytet, N.M.H. 2013, Spatio-kinematic modelling of Abell 65, a double-shelled planetary nebula with a binary central star, MNRAS, 434, 1505
- Hueso, R., Pérez-Hoyos, S., Sánchez-Lavega, A., Wesley, A., Hall, G., Go, C., Tachikawa, M., Aoki, K., Ichimaru, M., Pond, J.W.T., Korycansky, D.G., Palotai, C., Chappell, G., Rebelli, N., Harrington, J., Delcroix, M., Wong, M., de Pater, I., Fletcher, L.N., Hammel, H., Orton, G.S., Tabe, I., Watanabe, J. & Moreno, J.C. 2013, Impact flux on Jupiter: From superbolides to large-scale collisions, A&A, 560, 55
- Hummel, C.A., Rivinius, T., Nieva, M.-F., Stahl, O., van Belle, G., Zavala, R.T. 2013, Dynamical mass of the O-type supergiant in ζ Orionis A, A&A, 554, 52
- Humphrey, A., Vernet, J., Villar-Martín, M., di Serego Alighieri, S., Fosbury, R.A.E. & Cimatti, A. 2013, Polarized Extended Ly α Emission from a $z = 2.3$ Radio Galaxy, ApJ, 768, L3
- Hurley, D.J., Callanan, P.J., Elebert, P. & Reynolds, M.T. 2013, The mass of the black hole in GRS 1915+105: new constraints from infrared spectroscopy, MNRAS, 430, 1832
- Husband, K., Bremer, M.N., Stanway, E.R., Davies, L.J.M., Lehnert, M.D. & Douglas, L.S. 2013, Are $z \sim 5$ quasars found in the most massive high-redshift overdensities?, MNRAS, 432, 2869
- Husemann, B., Wisotzki, L., Sánchez, S.F. & Jahnke, K. 2013, The properties of the extended warm ionised gas around low-redshift QSOs and the lack of extended high-velocity outflows, A&A, 549, 43
- Huynh, M.T., Norris, R.P., Coppin, K.E.K., Emonts, B.H.C., Ivison, R.J., Seymour, N., Smail, I., Smolčić, V., Swinbank, A.M., Brandt, W.N., Chapman, S.C., Dannerbauer, H., De Breuck, C., Greve, T.R., Hodge, J.A., Karim, A., Knudsen, K.K., Menten, K.M., van der Werf, P.P., Walter, F. & Weiss, A. 2013, Physical conditions of the gas in an ALMA [C II]-identified submillimetre galaxy at $z = 4.44$, MNRAS, 431, L88
- Ilbert, O., McCracken, H.J., Le Fèvre, O., Capak, P., Dunlop, J., Karim, A., Renzini, M.A., Caputi, K., Boissier, S., Arnouts, S., Aussel, H., Comparat, J., Guo, Q., Hudelot, P., Kartaltepe, J., Kneib, J.P., Krogager, J.K., Le Floc'h, E., Lilly, S., Mellier, Y., Milvang-Jensen, B., Moutard, T., Onodera, M., Richard, J., Salvato, M., Sanders, D.B., Scoville, N., Silverman, J.D., Taniguchi, Y., Tasca, L., Thomas, R., Toft, S., Tresse, L., Vergani, D., Wolk, M. & Zirm, A. 2013, Mass assembly in quiescent and star-forming galaxies since $z \approx 4$ from UltraVISTA, A&A, 556, 55
- Ilee, J.D., Wheelwright, H.E., Oudmaijer, R.D., de Wit, W.J., Maud, L.T., Hoare, M.G., Lumsden, S.L., Moore, T.J.T., Urquhart, J.S. & Mottram, J.C. 2013, CO bandhead emission of massive young stellar objects: determining disc properties, MNRAS, 429, 2960
- Immer, K., Reid, M.J., Menten, K.M., Brunthaler, A. & Dame, T.M. 2013, Trigonometric parallaxes of massive star forming regions: G012.88+0.48 and W33, A&A, 553, 117
- Indebetouw, R., Brogan, C., Chen, C.-H.R., Leroy, A., Johnson, K., Muller, E., Madden, S., Cormier, D., Galliano, F., Hughes, A., Hunter, T., Kawamura, A., Kepley, A., Lebouteiller, V., Meixner, M., Oliveira, J.M., Onishi, T., Vasyunina, T. 2013, ALMA Resolves 30 Doradus: Sub-parsec Molecular Cloud Structure near the Closest Super Star Cluster, ApJ, 774, 73
- Indriolo, N., Neufeld, D.A., Seifahrt, A. & Richter, M.J. 2013, Direct Determination of the HF/H₂ Abundance Ratio in Interstellar Gas, ApJ, 764, 188
- Indriolo, N., Neufeld, D.A., Seifahrt, A. & Richter, M.J. 2013, Water Absorption from Gas Very near the Massive Protostar AFGL 2136 IRS 1, ApJ, 776, 8
- Ingleby, L., Calvet, N., Herczeg, G., Blatyi, A., Walter, F., Ardila, D., Alexander, R., Edwards, S., Espaillat, C., Gregory, S.G., Hillenbrand, L. & Brown, A. 2013, Accretion Rates for T Tauri Stars Using Nearly Simultaneous Ultraviolet and Optical Spectra, ApJ, 767, 112
- Inserra, C., Pastorello, A., Turatto, M., Pumo, M.L., Benetti, S., Cappellaro, E., Botticella, M.T., Bufano, F., Elias-Rosa, N., Harutyunyan, A., Taubenberger, S., Valenti, S. & Zampieri, L. 2013, Moderately luminous Type II supernovae, A&A, 555, 142
- Inserra, C., Smartt, S.J., Jerkstrand, A., Valenti, S., Fraser, M., Wright, D., Smith, K., Chen, T.-W., Kotak, R., Pastorello, A., Nicholl, M., Bresolin, F., Kudritzki, R.P., Benetti, S., Botticella, M.T., Burgett, W.S., Chambers, K.C., Ergon, M., Flewelling, H., Fynbo, J.P.U., Geier, S., Hodapp, K.W., Howell, D.A., Huber, M., Kaiser, N., Leloudas, G., Magill, L., Magnier, E.A., McCrum, M.G., Metcalfe, N., Price, P.A., Rest, A., Sollerman, J., Sweeney, W., Taddia, F., Taubenberger, S., Tonry, J.L., Wainscoat, R.J., Waters, C., Young, D., 2013, Super-luminous Type Ic Supernovae: Catching a Magnetar by the Tail, ApJ, 770, 128
- Ivanov, V.D., Minniti, D., Hempel, M., Kurtev, R., Toledo, I., Saito, R.K., Alonso-García, J., Beamín, J.C., Borissova, J., Catelan, M., Chené, A.-N., Emerson, J., González, O.A., Lucas, P.W.,

- Martín, E.L., Rejkuba, M., Gromadzki, M., 2013, *Discovery of new companions to high proper motion stars from the VVV Survey*, A&A, 560, 21
- Ivison, R.J., Swinbank, A.M., Smail, I., Harris, A.I., Bussmann, R.S., Cooray, A., Cox, P., Fu, H., Kovács, A., Krips, M., Narayanan, D., Negrello, M., Neri, R., Peñarrubia, J., Richard, J., Riechers, D.A., Rowlands, K., Staguhn, J.G., Targett, T.A., Amber, S., Baker, A.J., Bourne, N., Bertoldi, F., Bremer, M., Calanog, J.A., Clements, D.L., Dannerbauer, H., Dariush, A., De Zotti, G., Dunne, L., Eales, S.A., Farrah, D., Fleuren, S., Franceschini, A., Geach, J.E., George, R.D., Helly, J.C., Hopwood, R., Ibar, E., Jarvis, M.J., Kneib, J.-P., Maddox, S., Omont, A., Scott, D., Serjeant, S., Smith, M.W.L., Thompson, M.A., Valiante, E., Valtchanov, I., Vieira, J., van der Werf, P., 2013, *Herschel-ATLAS: A Binary HyLIRG Pinpointing a Cluster of Starbursting Protoellipticals*, ApJ, 772, 137
- James, B.L., Tsamis, Y.G., Walsh, J.R., Barlow, M.J. & Westmoquette, M.S. 2013, *The Lyman break analogue Haro 11: spatially resolved chemodynamics with VLT FLAMES*, MNRAS, 430, 2097
- James, B.L., Tsamis, Y.G., Barlow, M.J., Walsh, J.R. & Westmoquette, M.S. 2013, *The merging dwarf galaxy UM 448: chemodynamics of the ionized gas from VLT integral field spectroscopy*, MNRAS, 428, 86
- Janson, M., Lafrenière, D., Jayawardhana, R., Bonavita, M., Girard, J.H., Brandeker, A. & Gizis, J.E. 2013, *A Multiplicity Census of Intermediate-mass Stars in Scorpius-Centaurus*, ApJ, 773, 170
- Jarvis, M.J., Bonfield, D.G., Bruce, V.A., Geach, J.E., McAlpine, K., McLure, R.J., González-Solares, E., Irwin, M., Lewis, J., Yoldas, A.K., Andreon, S., Cross, N.J.G., Emerson, J.P., Dalton, G., Dunlop, J.S., Hodgkin, S.T., Le, F.O., Karouzos, M., Meisenheimer, K., Oliver, S., Rawlings, S., Simpson, C., Smail, I., Smith, D.J.B., Sullivan, M., Sutherland, W., White, S.V. & Zwart, J.T.L. 2013, *The VISTA Deep Extragalactic Observations (VIDEO) survey*, MNRAS, 428, 1281
- Jenkins, J.S., Jones, H.R.A., Tuomi, M., Murgas, F., Hoyer, S., Jones, M.I., Barnes, J.R., Pavlenko, Y.V., Ivanyuk, O., Rojo, P., Jordán, A., Day-Jones, A.C., Ruiz, M.T. & Pinfield, D.J. 2013, *A Hot Uranus Orbiting the Super Metal-rich Star HD 77338 and the Metallicity-Mass Connection*, ApJ, 766, 67
- Jenkins, J.S., Tuomi, M., Brasser, R., Ivanyuk, O. & Murgas, F. 2013, *Two Super-Earths Orbiting the Solar Analog HD 41248 on the Edge of a 7:5 Mean Motion Resonance*, ApJ, 771, 41
- Jimmy, J., Tran, K.-V., Brough, S., Gebhardt, K., von der Linden, A., Couch, W.J. & Sharp, R. 2013, *Angular Momenta, Dynamical Masses, and Mergers of Brightest Cluster Galaxies*, ApJ, 778, 171
- Jin, Z.-P., Covino, S., Della Valle, M., Ferrero, P., Fugazza, D., Malesani, D., Melandri, A., Pian, E., Salvaterra, R., Bersier, D., Campana, S., Cano, Z., Castro-Tirado, A.J., D'Avanzo, P., Fynbo, J.P.U., Gomboc, A., Gorosabel, J., Guidorzi, C., Haislip, J.B., Hjorth, J., Kobayashi, S., LaCluyze, A.P., Marconi, G., Mazzali, P.A., Mundell, C.G., Piranomonte, S., Reichart, D.E., Sánchez-Ramírez, R., Smith, R.J., Steele, I.A., Tagliaferri, G., Tanvir, N.R., Valenti, S., Vergani, S.D., Vestrand, T. & Walker, E.S. Woźniak, P. 2013, *GRB 081007 and GRB 090424: The Surrounding Medium, Outflows, and Supernovae*, ApJ, 774, 114
- Joergens, V., Bonnefoy, M., Liu, Y., Bayo, A., Wolf, S., Chauvin, G. & Rojo, P. 2013, *OTS 44: Disk and accretion at the planetary border*, A&A, 558, L7
- Johns-Krull, C.M., Chen, W., Valenti, J.A., Jeffers, S.V., Piskunov, N.E., Kochukhov, O., Makaganiuk, V., Stempels, H.C., Snik, F., Keller, C. & Rodenhuis, M. 2013, *Magnetically Controlled Accretion on the Classical T Tauri Stars GQ Lupi and TW Hydrae*, ApJ, 765, 11
- Jones, A., Noll, S., Kausch, W., Szyszka, C. & Kimeswenger, S. 2013, *An advanced scattered moonlight model for Cerro Paranal*, A&A, 560, 91
- Jones, D.O., Rodney, S.A., Riess, A.G., Mobasher, B., Dahmen, T., McCully, C., Frederiksen, T.F., Casertano, S., Hjorth, J., Keeton, C.R., Koekemoer, A., Strolger, L.-G., Wiklind, T.G., Challis, P., Graur, O., Hayden, B., Patel, B., Weiner, B.J., Filippenko, A.V., Garnavich, P., Jha, S.W., Kirshner, R.P., Ferguson, H.C., Grogin, N.A., Kocevski, D., 2013, *The Discovery of the Most Distant Known Type Ia Supernova at Redshift 1.914*, ApJ, 768, 166
- Jones, M.I., Jenkins, J.S., Rojo, P., Melo, C.H.F. & Bluhm, P. 2013, *Study of the impact of the post-MS evolution of the host star on the orbits of close-in planets. II. A giant planet in a close-in orbit around the RGB star HIP 63242*, A&A, 556, 78
- Jørgensen, J.K., Visser, R., Sakai, N., Bergin, E.A., Brinch, C., Harsono, D., Lindberg, J.E., van Dishoeck, E.F., Yamamoto, S., Bisschop, S.E. & Persson, M.V. 2013, *A Recent Accretion Burst in the Low-mass Protostar IRAS 15398-3359: ALMA Imaging of Its Related Chemistry*, ApJ, 779, L22
- Jorgenson, R.A., Murphy, M.T. & Thompson, R. 2013, *The Magellan uniform survey of damped Lyman α systems - I. Cosmic metallicity evolution*, MNRAS, 435, 482
- Jung, Y.K., Han, C., Gould, A. & Maoz, D. 2013, *Reanalysis of the Gravitational Microlensing Event MACHO-97-BLG-41 Based on Combined Data*, ApJ, 768, L7
- Justtanont, K., Teyssier, D., Barlow, M.J., Matsuura, M., Swinyard, B., Waters, L.B.F.M. & Yates, J. 2013, *OH/IR stars and their superwinds as observed by the Herschel Space Observatory*, A&A, 556, 101
- Kacharov, N., Koch, A. & McWilliam, A. 2013, *A comprehensive chemical abundance study of the outer halo globular cluster M 75*, A&A, 554, 81
- Kainulainen, J., Ragan, S.E., Henning, T. & Stutz, A. 2013, *High-fidelity view of the structure and fragmentation of the high-mass, filamentary IRDC G11.11-0.12*, A&A, 557, 120
- Kajisawa, M., Shioya, Y., Aida, Y., Ideue, Y., Taniguchi, Y., Nagao, T., Murayama, T., Matsubayashi, K. & Riguccini, L. 2013, *Environmental Effects on Star Formation Activity at z ~ 0.9 in the COSMOS Field*, ApJ, 768, 51
- Kamenetzky, J., McCray, R., Indebetouw, R., Barlow, M.J., Matsuuura, M., Baes, M., Blommaert, J.A.D.L., Bolatto, A., Decin, L., Dunne, L., Fransson, C., Glenn, J., Gomez, H.L., Groenewegen, M.A.T., Hopwood, R., Kirshner, R.P., Lakicevic, M., Marcaide, J., Martí-Vidal, I., Meixner, M., Royer, P., Soderberg, A., Sonneborn, G., Staveley-Smith, L., Swinyard, B.M., Van de Steene, G., van Hoof, P.A.M., van Loon, J.T., Yates, J. & Zanardo, G. 2013, *Carbon Monoxide in the Cold Debris of Supernova 1987A*, ApJ, 773, L34
- Kameswara Rao, N., Lambert, D.L., García-Hernández, D.A. & Manchado, A. 2013, *The changing nebula around the hot R Coronae Borealis star DY Centauri*, MNRAS, 431, 159
- Kamiński, T., Schmidt, M.R. & Menten, K.M. 2013, *Aluminium oxide in the optical spectrum of VY Canis Majoris*, A&A, 549, 6
- Kamiński, T. & Tylenda, R. 2013, *Optical spectropolarimetry of V4332 Sagittarii*, A&A, 558, 82
- Kampczyk, P., Lilly, S.J., de Ravel, L., Le Fèvre, O., Bolzonella, M., Carollo, C.M., Diener, C., Knobel, C., Kovač, K., Maier, C., Renzini, A., Sargent, M.T., Vergani, D., Abbas, U., Bardelli, S., Bongiorno, A., Bordoloi, R., Caputi, K., Contini, T., Coppa, G., Cucciati, O., de la Torre, S., Franzetti, P., Garilli, B., Iovino, A., Kneib, J.-P., Koekemoer, A.M., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Leauthaud, A., Mainieri, V., Mignoli, M., Pello, R., Peng, Y., Perez Montero, E., Ricciardelli, E., Scodéglio, M., Silverman, J.D., Tanaka, M., Tasca, L., Tresse, L., Zamorani, G., Zucca, E., Bottini, D., Cappi, A., Cassata, P., Cimatti, A., Fumana, M., Guzzo, L., Kartaltepe, J., Marinoni, C., McCracken, H.J., Memeo, P., Meneux, B., Oesch, P., Porciani, C., Pozzetti, L., Scaramella, R., 2013, *Environmental Effects in the Interaction and Merging of Galaxies in zCOSMOS*, ApJ, 762, 43
- Karim, A., Swinbank, A.M., Hodge, J.A., Smail, I.R., Walter, F., Biggs, A.D., Simpson, J.M., Danielson, A.L.R., Alexander, D.M., Bertoldi, F., de Breuck, C., Chapman, S.C., Coppi, K.E.K., Dannerbauer, H., Edge, A.C., Greve, T.R., Ivison, R.J., Knudsen, K.K., Menten, K.M., Schinnerer, E., Wardlow, J.L., Weiß, A. & van der Werf, P. 2013, *An ALMA survey of*

- submillimetre galaxies in the Extended Chandra Deep Field South: high-resolution 870 μ m source counts*, MNRAS, 432, 2
- Karlsson, R., Sandqvist, Å., Hjalmarson, Å., Winnberg, A., Fathi, K., Frisk, U. & Olberg, M. 2013, *Hydroxyl, water, ammonia, carbon monoxide, and neutral carbon towards the Sagittarius A complex. VLA, Odin, and SEST observations*, A&A, 554, 141
- Karovicova, I., Wittkowski, M., Ohnaka, K., Boboltz, D.A., Fossat, E. & Scholz, M. 2013, *New insights into the dust formation of oxygen-rich AGB stars*, A&A, 560, 75
- Katime Sanrich, O.J., Pereira, C.B. & de Castro, D.B. 2013, *Two Barium Stars in the Open Cluster NGC 5822*, AJ, 146, 39
- Kendrew, S., Ginsburg, A., Johnston, K., Beuther, H., Bally, J., Cyganowski, C.J. & Battersby, C. 2013, *Early-stage Massive Star Formation near the Galactic Center: Sgr C*, ApJ, 775, L50
- Kenworthy, M.A., Meshkat, T., Quanz, S.P., Girard, J.H., Meyer, M.R. & Kasper, M. 2013, *Coronagraphic Observations of Fomalhaut at Solar System Scales*, ApJ, 764, 7
- Kervella, P., Mérand, A., Petr-Gotzens, M.G., Pribulla, T. & Thévenin, F. 2013, *The nearby eclipsing stellar system δ Velorum. IV. Differential astrometry with VLT/NACO at the 100 microarcsecond level*, A&A, 552, 18
- Kettula, K., Finoguenov, A., Massey, R., Rhodes, J., Hoekstra, H., Taylor, J.E., Spinelli, P.F., Tanaka, M., Ilbert, O., Capak, P., McCracken, H.J. & Koekemoer, A. 2013, *Weak Lensing Calibrated M-T Scaling Relation of Galaxy Groups in the COSMOS Fieldsstar*, ApJ, 778, 74
- Kewley, L.J., Maier, C., Yabe, K., Ohta, K., Akiyama, M., Dopita, M.A. & Yuan, T. 2013, *The Cosmic BPT Diagram: Confronting Theory with Observations*, ApJ, 774, L10
- Kim, T.-S., Partl, A.M. & Carswell, R.F. Müller, V. 2013, *The evolution of H I and C IV quasar absorption line systems at 1.9 < z < 3.2*, A&A, 552, 77
- Klaassen, P.D., Juhasz, A., Mathews, G.S., Mottram, J.C., De Gregorio-Monsalvo, I., van Dishoeck, E.F., Takahashi, S., Akiyama, E., Chapillon, E., Espada, D., Hales, A., Hogerheijde, M.R., Rawlings, M., Schmalzl, M. & Testi, L. 2013, *ALMA detection of the rotating molecular disk wind from the young star HD 163296*, A&A, 555, 73
- Kleyne, J., Hainaut, O.R. & Meech, K.J. 2013, *P/2010 A2 LINEAR. II. Dynamical dust modelling*, A&A, 549, 13
- Klotz, D., Paladini, C., Hron, J., Aringer, B., Sacuto, S., Marigo, P. & Verhoelst, T. 2013, *Catching the fish - Constraining stellar parameters for TX Piscium using spectro-interferometric observations*, A&A, 550, 86
- Klus, H., Bartlett, E.S., Bird, A.J., Coe, M., Corbet, R.H.D. & Udalski, A. 2013, *Swift J045106.8-694803: a highly magnetized neutron star in the Large Magellanic Cloud*, MNRAS, 428, 3607
- Knobel, C., Lilly, S.J., Kovač, K., Peng, Y., Bschorr, T.J., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fevre, O., Mainieri, V., Renzini, A., Scodéggi, M., Zamorani, G., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Pello, R., Perez Montero, E., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Barnes, L., Bordoloi, R., Cappi, A., Cimatti, A., Coppa, G., Koekemoer, A.M., López-Sanjuan, C., McCracken, H.J., Moresco, M., Nair, P., Pozzetti, L., Welikala, N. 2013, *The Colors of Central and Satellite Galaxies in zCOSMOS Out to z ~ 0.8 and Implications for Quenching*, ApJ, 769, 24
- Koch, A., Feltzing, S., Adén, D. & Matteucci, F. 2013, *Neutron-capture element deficiency of the Hercules dwarf spheroidal galaxy*, A&A, 554, 5
- Kochukhov, O., Makaganiuk, V., Piskunov, N., Jeffers, S.V., Johns-Krull, C.M., Keller, C.U., Rodenhuis, M., Snik, F., Stempels, H.C. & Valenti, J.A. 2013, *Are there tangled magnetic fields on HgMn stars?*, A&A, 554, 61
- Kochukhov, O., Alentiev, D., Ryabchikova, T., Boyko, S., Cunha, M., Tsymbal, V. & Weiss, W. 2013, *Discovery of new rapidly oscillating Ap pulsators in the UVES survey of cool magnetic Ap stars*, MNRAS, 431, 2808
- Köhler, R., Ratzka, T., Petr-Gotzens, M.G. & Correia, S. 2013, *Orbits and masses in the young triple system TWA 5*, A&A, 558, 80
- Kołaczkowski, Z., Mennickent, R.E., Rivinius, T. & Pietrzyński, G. 2013, *The quasi-resonant variability of the massive LMC system BI 108*, MNRAS, 429, 2852
- Kopparapu, R.K., Ramirez, R., Kasting, J.F., Eymet, V., Robinson, T.D., Mahadevan, S., Terrien, R.C., Domagal-Goldman, S., Meadows, V. & Deshpande, R. 2013, *Habitable Zones around Main-sequence Stars: New Estimates*, ApJ, 765, 131
- Koppenhoefer, J., Saglia, R.P., Fossati, L., Lyubchik, Y., Mugrauer, M., Bender, R., Lee, C.-H., Riffeser, A., Afonso, P., Greiner, J., Henning, T., Neuhäuser, R., Snellen, I.A.G., Pavlenko, Y., Verdugo, M., Vogt, N., 2013, *A hot Jupiter transiting a mid-K dwarf found in the pre-OmegaCam Transit Survey*, MNRAS, 435, 3133
- Kordopatis, G., Hill, V., Irwin, M., Gilmore, G., Wyse, R.F.G., Tolstoy, E., de Laverny, P., Recio-Blanco, A., Battaglia, G. & Starkenburg, E. 2013, *Through thick and thin: Structure of the Galactic thick disc from extragalactic surveys*, A&A, 555, 12
- Korhonen, H., González, J.F., Briquet, M., Flores Soriano, M., Hubrig, S., Savanov, I., Hackman, T., Ilyin, I.V., Eulaers, E. & Pessemier, W. 2013, *Chemical surface inhomogeneities in late B-type stars with Hg and Mn peculiarity. I. Spot evolution in HD 11753 on short and long time scales*, A&A, 553, 27
- Kóspál, Á., Moór, A., Juhász, A., Ábrahám, P., Apai, D., Csengeri, T., Grady, C.A., Henning, T., Hughes, A.M., Kiss, C., Pascucci, I. & Schmalzl, M. 2013, *ALMA Observations of the Molecular Gas in the Debris Disk of the 30 Myr Old Star HD 21997*, ApJ, 776, 77
- Koyama, Y., Kodama, T., Tadaki, K.-i., Hayashi, M., Tanaka, M., Smail, I., Tanaka, I., Kurk, J. 2013, *Massive starburst galaxies in a z = 2.16 proto-cluster unveiled by panoramic H α mapping*, MNRAS, 428, 1551
- Kraus, M., Oksala, M.E., Nickeler, D.H., Muratore, M.F., Borges Fernandes, M., Aret, A., Cidale, L.S. & de Wit, W.J. 2013, *Molecular emission from GG Carinae's circumbinary disk*, A&A, 549, 28
- Kraus, S., Ireland, M.J., Sitko, M.L., Monnier, J.D., Calvet, N., Espaillat, C., Grady, C.A., Harries, T.J., Hönig, S.F., Russell, R.W., Swearingen, J.R., Werren, C. & Wilner, D.J. 2013, *Resolving the Gap and AU-scale Asymmetries in the Pre-transitional Disk of V1247 Orionis*, ApJ, 768, 80
- Kreplin, A., Weigelt, G., Kraus, S., Grinin, V., Hofmann, K.-H., Kishimoto, M., Schertl, D., Tambovtseva, L., Clausse, J.-M., Massi, F., Perraut, K., Stee, P., 2013, *Revealing the inclined circumstellar disk in the UX Orionis system KK Ophiuchi*, A&A, 551, 21
- Kriskovics, L., Vida, K., Kővári, Z., Garcia-Alvarez, D. & Oláh, K. 2013, *Doppler imaging of the double-lined active binary V824 Ara*, AN, 334, 976
- Kristensen, L.E., Klaassen, P.D., Mottram, J.C., Schmalzl, M. & Hogerheijde, M.R. 2013, *ALMA CO J = 6-5 observations of IRAS 16293-2422. Shocks and entrainment*, A&A, 549, L6
- Krogager, J.-K., Fynbo, J.P.U., Ledoux, C., Christensen, L., Gallazzi, A., Laursen, P., Møller, P., Noterdaeme, P., Péroux, C. & Pettini, M. 2013, *Comprehensive study of a z = 2.35 DLA Galaxy: mass, metallicity, age, morphology and SFR from HST and VLT*, MNRAS, 433, 3091
- Kromer, M., Fink, M., Stanishev, V., Taubenberger, S., Ciaraldi-Schoolman, F., Pakmor, R., Röpke, F.K., Ruiter, A.J., Seitenzahl, I.R., Sim, S.A., Blanc, G., Elias-Rosa, N. & Hillebrandt, W. 2013, *3D deflagration simulations leaving bound remnants: a model for 2002cx-like Type Ia supernovae*, MNRAS, 429, 2287
- Krtička, J., Janík, J., Marková, H., Mikulášek, Z., Zverko, J., Prvák, M. & Skarka, M. 2013, *Ultraviolet and visual flux and line*

- variations of one of the least variable Bp stars HD 64740, A&A, 556, 18
- Kruger, A.J., Richter, M.J., Carr, J.S., Najita, J.R., Moerchen, M.M., Doppmann, G.W. & Seifahrt, A. 2013, *The Curious Case of Glass I: High Ionization and Variability of Different Types*, ApJ, 764, 127
- Kröhler, T., Ledoux, C., Fynbo, J.P.U., Vreeswijk, P.M., Schmidl, S., Malesani, D., Christensen, L., De Cia, A., Hjorth, J., Jakobsson, P., Kann, D.A., Kaper, L., Vergani, S.D., Afonso, P.M.J., Covino, S., de Ugarte Postigo, A., D'Elia, V., Filgas, R., Goldoni, P., Greiner, J., Hartoog, O.E., Milvang-Jensen, B., Nardini, M., Piranomonte, S., Rossi, A., Sánchez-Ramírez, R., Schady, P., Schulze, S., Sudilovsky, V., Tanvir, N.R., Tagliaferri, G., Watson, D.J., Wiersema, K., Wijers, R.A.M.J. & Xu, D. 2013, *Molecular hydrogen in the damped Lyman α system towards GRB 120815A at z = 2.36*, A&A, 557, 18
- Kumar, M.S.N. 2013, *Radiatively driven Rayleigh-Taylor instability candidates around a forming massive star system. NACO adaptive optics and VISIR study of G333.6-0.2*, A&A, 558, 119
- Kunder, A., Stetson, P.B., Cassisi, S., Layden, A., Bono, G., Catelan, M., Walker, A.R., Paredes Alvarez, L., Clem, J.L., Matsunaga, N., Salaris, M., Lee, J.-W., Chaboyer, B., 2013, *The RR Lyrae Variables and Horizontal Branch of NGC 6656 (M22)*, AJ, 146, 119
- Kunder, A., Stetson, P.B., Catelan, M., Walker, A.R. & Amigo, P. 2013, *Variable Stars in the Globular Cluster NGC 2808*, AJ, 145, 33
- Kurk, J., Cimatti, A., Daddi, E., Mignoli, M., Pozzetti, L., Dickinson, M., Bolzonella, M., Zamorani, G., Cassata, P., Rodighiero, G., Franceschini, A., Renzini, A., Rosati, P., Halliday, C. & Berta, S. 2013, *GA MASS ultradeep spectroscopy of galaxies at z ~ 2. VII. Sample selection and spectroscopy*, A&A, 549, 63
- Kurtz, D.W., Shibahashi, H., Dhillon, V.S., Marsh, T.R., Littlefair, S.P., Copperwheat, C.M., Gänsicke, B.T. & Parsons, S.G. 2013, *Hot DAVs: a probable new class of pulsating white dwarf stars*, MNRAS, 432, 1632
- Lacerda, P. 2013, *Comet P/2010 TO20 LINEAR-Grauer as a Mini-29P/SW1*, MNRAS, 428, 1818
- Lagrange, A.-M., Meunier, N., Chauvin, G., Sterzik, M., Galland, F., Lo Curto, G. & Rameau, J. 2013, *Planets around stars in young nearby associations. Radial velocity searches: a feasibility study and first results*, A&A, 559, 83
- Lalitha, S., Fuhrmeister, B., Wolter, U., Schmitt, J.H.M.M., Engels, D. & Wieringa, M.H. 2013, *A multi-wavelength view of AB Doradus outer atmosphere. Simultaneous X-ray and optical spectroscopy at high cadence*, A&A, 560, 69
- Lampens, P., Prieur, J.-L., Argyle, R.W. & Cuypers, J. 2013, *Relative astrometry and near-infrared differential photometry of nearby southern orbital binaries with adaptive optics*, AN, 334, 237
- Landoni, M., Falomo, R., Treves, A., Sbarufatti, B., Barattini, M., Decarli, R. & Kotilainen, J. 2013, *ESO Very Large Telescope Optical Spectroscopy of BL Lacertae Objects. IV. New Spectra and Properties of the Full Sample*, AJ, 145, 114
- Lani, C., Almaini, O., Hartley, W.G., Mortlock, A., Häußler, B., Chuter, R.W., Simpson, C., van der Wel, A., Grützbauch, R., Conselice, C.J., Bradshaw, E.J., Cooper, M.C., Faber, S.M., Grogin, N.A., Kocevski, D.D., Koekemoer, A.M. & Lai, K. 2013, *Evidence for a correlation between the sizes of quiescent galaxies and local environment to z ~ 2*, MNRAS, 435, 207
- Lanzoni, B., Mucciarelli, A., Origlia, L., Bellazzini, M., Ferraro, F.R., Valenti, E., Miocchi, P., Dale sandro, E., Pallanca, C. & Massari, D. 2013, *The Velocity Dispersion Profile of NGC 6388 from Resolved-star Spectroscopy: No Evidence of a Central Cusp and New Constraints on the Black Hole Mass*, ApJ, 769, 107
- Larsson, J., Fransson, C., Kjaer, K., Jerkstrand, A., Kirchner, R.P., Leibundgut, B., Lundqvist, P., Mattila, S., McCray, R., Sollerman, J., Spyromilio, J. & Wheeler, J.C. 2013, *The Morphology of the Ejecta in Supernova 1987A: A Study over Time and Wavelength*, ApJ, 768, 89
- Laurikainen, E., Salo, H., Athanassoula, E., Bosma, A., Buta, R. & Janz, J. 2013, *Statistics of the structure components in S0s: implications for bar-induced secular evolution*, MNRAS, 430, 3489
- Lawler, J.E., Guzman, A., Wood, M.P., Sneden, C. & Cowan, J.J. 2013, *Improved Log(gf) Values for Lines of Ti I and Abundance Determinations in the Photospheres of the Sun and Metal-Poor Star HD 84937 (Accurate Transition Probabilities for Ti I)*, ApJS, 205, 11
- Le Bouquin, J.-B., Beust, H., Duvert, G., Berger, J.P. & Ménard, F., Zins, G. 2013, *Masses and age of the chemically peculiar double-lined binary χ Lupi*, A&A, 551, 121
- Le Fèvre, O., Cassata, P., Cucciati, O., Garilli, B., Ilbert, O., Le Brun, V., Maccagni, D., Moreau, C., Scoveggio, M., Tresse, L., Zamorani, G., Adami, C., Arnouts, S., Bardelli, S., Bolzonella, M., Bondi, M., Bongiorno, A., Bottini, D., Cappi, A., Charlot, S., Ciliegi, P., Contini, T., de la Torre, S., Foucaud, S., Franzetti, P., Gavignaud, I., Guzzo, L., Iovino, A., Lemaux, B., López-Sanjuan, C., McCracken, H.J., Marano, B., Marinoni, C., Mazure, A., Mellier, Y., Merighi, R., Merlini, P., Paltani, S., Pellò, R., Pollo, A., Pozzetti, L., Scaramella, R., Tasca, L., Vergani, D., Vettolani, G., Zanichelli, A. & Zucca, E. 2013, *The VIMOS VLT Deep Survey final data release: a spectroscopic sample of 35 016 galaxies and AGN out to z ~ 6.7 selected with 17.5 ≤ iAB ≤ 24.75*, A&A, 559, 14
- Leaman, R., Venn, K.A., Brooks, A.M., Battaglia, G., Cole, A.A., Ibata, R.A., Irwin, M.J., McConnachie, A.W., Mendel, J.T., Starkenburg, E. & Tolstoy, E. 2013, *The Comparative Chemical Evolution of an Isolated Dwarf Galaxy: A VLT and Keck Spectroscopic Survey of WLM*, ApJ, 767, 131
- Lebzelter, T., Uttenthaler, S., Straniero, O. & Aringer, B. 2013, *Two barium stars in the Galactic bulge*, A&A, 554, 30
- Lee, B., Giavalisco, M., Williams, C.C., Guo, Y., Lotz, J., Van der Wel, A., Ferguson, H.C., Faber, S.M., Koekemoer, A., Grogin, N., Kocevski, D., Conselice, C.J., Wuyts, S., Dekel, A., Kartaltepe, J. & Bell, E.F. 2013, *CANDELS: The Correlation between Galaxy Morphology and Star Formation Activity at z ~ 2*, ApJ, 774, 47
- Lee, N., Sanders, D.B., Casey, C.M., Scoville, N.Z., Hung, C.-L., Le Floc'h, E., Ilbert, O., Aussel, H., Capak, P., Kartaltepe, J.S., Roseboom, I., Salvato, M., Aravena, M., Berta, S., Bock, J., Oliver, S.J., Riguccini, L., Symeonidis, M., 2013, *Multi-wavelength SEDs of Herschel-selected Galaxies in the COSMOS Field*, ApJ, 778, 131
- Lehnert, M.D., Le Tiran, L., Nesvadba, N.P.H., van Driel, W., Boulanger, F. & Di Matteo, P. 2013, *On the self-regulation of intense star-formation in galaxies at z = 1-3*, A&A, 555, 72
- Lehtinen, K. & Mattila, K. 2013, *Spectroscopy of diffuse light in dust clouds. Scattered light and the solar neighbourhood radiation field*, A&A, 549, 91
- Lemasle, B., François, P., Genovali, K., Kovtyukh, V.V., Bono, G., Inno, L., Laney, C.D., Kaper, L., Bergemann, M., Fabrizio, M., Matsunaga, N., Pedicelli, S., Primas, F. & Romaniello, M. 2013, *Galactic abundance gradients from Cepheids. α and heavy elements in the outer disk*, A&A, 558, 31
- Lemze, D., Postman, M., Genel, S., Ford, H.C., Balestra, I., Donahue, M., Kelson, D., Nonino, M., Mercurio, A., Biviano, A., Rosati, P., Umetsu, K., Sand, D., Koekemoer, A., Meneghetti, M., Melchior, P., Newman, A.B., Bhatti, W.A., Voit, G.M., Medezinski, E., Zitrin, A., Zheng, W., Broadhurst, T., Bartelmann, M., Benitez, N., Bouwens, R., Bradley, L., Coe, D., Graves, G., Grillo, C., Infante, L., Jimenez-Teja, Y., Jouvel, S., Lahav, O., Maoz, D., Merten, J., Molino, A., Moustakas, J., Moustakas, L., Ogaz, S., Scoveggio, M. & Seitz, S. 2013, *The Contribution of Halos with Different Mass Ratios to the Overall Growth of Cluster-sized Halos*, ApJ, 776, 91
- Lendl, M., Gillon, M., Queloz, D., Alonso, R., Fumel, A., Jehin, E. & Naef, D. 2013, *A photometric study of the hot exoplanet WASP-19b*, A&A, 552, 2

- Lentati, L., Carilli, C., Alexander, P., Maiolino, R., Wang, R., Cox, P., Downes, D., McMahon, R., Menten, K.M., Neri, R., Riechers, D., Wagg, J., Walter, F. & Wolfe, A. 2013, *Variations in the fundamental constants in the QSO host J1148+5251 at z = 6.4 and the BR1202-0725 system at z = 4.7*, MNRAS, 430, 2454
- Lepo, K. & van Kerkwijk, M. 2013, *A Search for Rapidly Accreting White Dwarfs in the Small Magellanic Cloud*, ApJ, 771, 13
- Leroy, A.K., Lee, C., Schruba, A., Bolatto, A., Hughes, A., Pety, J., Sandstrom, K., Schinnerer, E. & Walter, F. 2013, *Clumping and the Interpretation of kpc-scale Maps of the Interstellar Medium: Smooth H I and Clumpy, Variable H₂ Surface Density*, ApJ, 769, L12
- Levenhagen, R.S., Künzel, R. & Leister, N.V. 2013, *Kinematics and chemical abundances of the B star HD 28248*, NewA, 21, 27
- Levenhagen, R.S., Künzel, R. & Leister, N.V. 2013, *Physical parameters and chemical abundances of δ Ceti*, NewA, 18, 55
- Li Causi, G., Antonucci, S., Bono, G., Pedicelli, S., Lorenzetti, D., Giannini, T. & Nisini, B. 2013, *On the binarity of the classical Cepheid X Sagittarii from interferometric observations*, A&A, 549, 64
- Li, H.N., Ludwig, H.-G., Caffau, E., Christlieb, N. & Zhao, G. 2013, *Fluorine Abundances of Galactic Low-metallicity Giants*, ApJ, 765, 51
- Lidman, C., Iacobuta, G., Bauer, A.E., Barrientos, L.F., Cerulo, P., Couch, W.J., Delaive, L., Demarco, R., Ellingson, E., Faloon, A.J., Gilbank, D., Huertas-Company, M., Mei, S., Meyers, J., Muzzin, A., Noble, A., Nantais, J., Rettura, A., Rosati, P., Sánchez-Janssen, R., Strazzullo, V., Webb, T.M.A., Wilson, G., Yan, R. & Yee, H.K.C. 2013, *The importance of major mergers in the build up of stellar mass in brightest cluster galaxies at z = 1*, MNRAS, 433, 825
- Lippi, M., Villanueva, G.L., DiSanti, M.A., Böhnhardt, H., Mumma, M.J., Bonev, B.P. & Prialnik, D. 2013, *A new model for the ν1 vibrational band of HCN in cometary comae, with application to three comets*, A&A, 551, 51
- Liseau, R., Montesinos, B., Olofsson, G., Bryden, G., Marshall, J.P., Ardila, D., Bayo Aran, A., Danchi, W.C., del Burgo, C., Eiroa, C., Ertel, S., Fridlund, M.C.W., Krivov, A.V., Pilbratt, G.L., Roberge, A., Thébault, P., Wiegert, J. & White, G.J. 2013, *α Centauri A in the far infrared. First measurement of the temperature minimum of a star other than the Sun*, A&A, 549, L7
- Liuzzo, E., Falomo, R., Treves, A., Arcidiacono, C., Torresi, E., Uslenghi, M., Farinato, J., Moretti, A., Ragazzoni, R., Diolaiti, E., Lombini, M., Brast, R., Donaldson, R., Kolb, J., Marchetti, E. & Tordo, S. 2013, *On the Radio and Near-infrared Jet of PKS 2155-304 and Its Close Environment*, AJ, 145, 73
- Livanou, E., Dapergolas, A., Kontizas, M., Nordström, B., Kontizas, E., Andersen, J., Dirsch, B. & Karampelas, A. 2013, *Age - metallicity relation in the Magellanic Clouds clusters*, A&A, 554, 16
- Lo Curto, G., Mayor, M., Benz, W., Bouchy, F., Hébrard, G., Lovis, C., Moutou, C., Naef, D., Pepe, F., Queloz, D., Santos, N.C., Segransan, D. & Udry, S. 2013, *The HARPS search for southern extra-solar planets . XXXII. New multi-planet systems in the HARPS volume limited sample: a super-Earth and a Neptune in the habitable zone*, A&A, 551, 59
- Lodie, N., Dobbie, P.D., Cross, N.J.G., Hambly, N.C., Read, M.A., Blake, R.P. & Floyd, D.J.E. 2013, *Probing the Upper Scorpions mass function in the planetary-mass regime*, MNRAS, 435, 2474
- Lodie, N., Ivanov, V.D. & Dobbie, P.D. 2013, *Proper motions of USco T-type candidates*, MNRAS, 430, 1784
- Loinard, L., Zapata, L.A., Rodríguez, L.F., Pech, G., Chandler, C.J., Brogan, C.L., Wilner, D.J., Ho, P.T.P., Parise, B., Hartmann, L.W., Zhu, Z., Takahashi, S. & Trejo, A. 2013, *ALMA and VLA observations of the outflows in IRAS 16293-2422*, MNRAS, 430, L10
- Loll, A.M., Desch, S.J., Scowen, P.A. & Foy, J.P. 2013, *Observations of the Crab Nebula's Asymmetrical Development*, ApJ, 765, 152
- López-Sanjuan, C., Le Fèvre, O., Tasca, L.A.M., Epinat, B., Amram, P., Contini, T., Garilli, B., Kissler-Patig, M., Moustaka, J., Paioro, L., Perret, V., Queyrel, J., Tresse, L., Vergani, D. & Divoy, C. 2013, *MASSIV: Mass Assembly Survey with SINFONI in VVDS. V. The major merger rate of star-forming galaxies at 0.9 < z < 1.8 from IFS-based close pairs*, A&A, 553, 78
- López-Sanjuan, C., Cucciati, O., Le Fèvre, O., Tresse, L., Ilbert, O., Adami, C., Bardelli, S., Contini, T. & Zucca, E. 2013, *The VIMOS VLT Deep Survey. The different assembly history of passive and star-forming LB LBB galaxies in the group environment at z < 1*, A&A, 558, 135
- Lovisi, L., Mucciarelli, A., Dalessandro, E., Ferraro, F.R. & Lanzoni, B. 2013, *Another Brick in Understanding Chemical and Kinematical Properties of BSSs: NGC 6752*, ApJ, 778, 64
- Lovisi, L., Mucciarelli, A., Lanzoni, B., Ferraro, F.R., Dalessandro, E. & Monaco, L. 2013, *Flames and XSHOOTER Spectroscopy along the Two Blue Straggler Star Sequences of M30*, ApJ, 772, 148
- Luck, R.E., Andrievsky, S.M., Korotin, S.N. & Kovtyukh, V.V. 2013, *Oxygen Abundances in Cepheids*, AJ, 146, 18
- Lumsden, S.L., Hoare, M.G., Urquhart, J.S., Oudmaijer, R.D., Davies, B., Mottram, J.C., Cooper, H.D.B. & Moore, T.J.T. 2013, *The Red MSX Source Survey: The Massive Young Stellar Population of Our Galaxy*, ApJS, 208, 11
- Lundqvist, P., Mattila, S., Sollerman, J., Kozma, C., Baron, E., Cox, N.L.J., Fransson, C., Leibundgut, B. & Spyromilio, J. 2013, *Hydrogen and helium in the spectra of Type Ia supernovae*, MNRAS, 435, 329
- Lusso, E., Hennawi, J.F., Comastri, A., Zamorani, G., Richards, G.T., Vignali, C., Treister, E., Schawinski, K., Salvato, M. & Gilli, R. 2013, *The Obscured Fraction of Active Galactic Nuclei in the XMM-COSMOS Survey: A Spectral Energy Distribution Perspective*, ApJ, 777, 86
- Lützgendorf, N., Kissler-Patig, M., Gebhardt, K., Baumgardt, H., Noyola, E., de Zeeuw, P.T., Neumayer, N., Jalali, B. & Feldmeier, A. 2013, *Limits on intermediate-mass black holes in six Galactic globular clusters with integral-field spectroscopy*, A&A, 552, 49
- Lyman, J.D., James, P.A., Perets, H.B., Anderson, J.P., Gal-Yam, A., Mazzali, P. & Percival, S.M. 2013, *Environment-derived constraints on the progenitors of low-luminosity Type I supernovae*, MNRAS, 434, 527
- Lyubenova, M., van den Bosch, R.C.E., Côté, P., Kuntschner, H., van de Ven, G., Ferrarese, L., Jordán, A., Infante, L. & Peng, E.W. 2013, *The complex nature of the nuclear star cluster in FCC 277*, MNRAS, 431, 3364
- Ma, B., Ge, J., Barnes, R., Crepp, J.R., De Lee, N., Dutra-Ferreira, L., Esposito, M., Femenia, B., Fleming, S.W., Gaudi, B.S., Ghezzi, L., Hebb, L., Gonzalez Hernandez, J.I., Lee, B.L., Porto de Mello, G.F., Stassun, K.G., Wang, J., Wisniewski, J.P., Agol, E., Bizyaev, D., Cargile, P., Chang, L., Nicolaci da Costa, L., Eastman, J.D., Gary, B., Jiang, P., Kane, S.R., Li, R., Liu, J., Mahadevan, S., Maia, M.A.G., Muna, D., Nguyen, D.C., Ogando, R.L.C., Oravetz, D., Pepper, J., Paegert, M., Allende Prieto, C., Rebolo, R., Santiago, B.X., Schneider, D.P., Shelden, A., Simmons, A., Sivarani, T., van Eyken, J.C., Wan, X., Weaver, B.A. & Zhao, B. 2013, *Very-low-mass Stellar and Substellar Companions to Solar-like Stars from Marvels. III. A Short-period Brown Dwarf Candidate around an Active G0V Subgiant*, AJ, 145, 20
- Maaskant, K.M., Honda, M., Waters, L.B.F.M., Tielens, A.G.G.M., Dominik, C., Min, M., Verhoeff, A., Meeus, G. & van den Ancker, M.E. 2013, *Identifying gaps in flaring Herbig Ae/Be disks using spatially resolved mid-infrared imaging. Are all group I disks transitional?*, A&A, 555, 64
- Maceroni, C., Montalbán, J., Gandolfi, D., Pavlovski, K. & Rainer, M. 2013, *CoRoT 102918586: a γ Doradus pulsator in a short-period eccentric eclipsing binary*, A&A, 552, 60

- Mackey, A.D., Da Costa, G.S., Ferguson, A.M.N. & Yong, D. 2013, *A VLT/FLAMES Study of the Peculiar Intermediate-age Large Magellanic Cloud Star Cluster NGC 1846. I. Kinematics*, ApJ, 762, 65
- Madej, O.K., Jonker, P.G., Groot, P.J., van Haaften, L.M., Nelemans, G. & Maccarone, T.J. 2013, *Time-resolved X-Shooter spectra and RXTE light curves of the ultra-compact X-ray binary candidate 4U 0614+091*, MNRAS, 429, 2986
- Maguire, K., Sullivan, M., Patat, F., Gal-Yam, A., Hook, I.M., Dhawan, S., Howell, D.A., Mazzali, P., Nugent, P.E., Pan, Y.-C., Podsiadlowski, P., Simon, J.D., Sternberg, A., Valenti, S., Baltay, C., Bersier, D., Blagorodnova, N., Chen, T.-W., Ellman, N., Feindt, U., Förster, F., Fraser, M., González-Gaitán, S., Graham, M.L., Gutiérrez, C., Hachinger, S., Hadjyska, E., Inserra, C., Knopic, C., Laher, R.R., Leloudas, G., Margheim, S., McKinnon, R., Molinaro, M., Morrell, N., Ofek, E.O., Rabinowitz, D., Rest, A., Sand, D., Smareglia, R., Smartt, S.J., Taddia, F., Walker, E.S., Walton, N.A., Young, D.R., 2013, *A statistical analysis of circumstellar material in Type Ia supernovae*, MNRAS, 436, 222
- Mäkelä, M.M. & Haikala, L.K. 2013, *Star formation, structure, and formation mechanism of cometary globules: near-infrared observations of CG 1 and CG 2*, A&A, 550, 83
- Malek, K., Solarz, A., Pollo, A., Fritz, A., Garilli, B., Scodéggi, M., Iovino, A., Granett, B.R., Abbas, U., Adami, C., Arnouts, S., Bel, J., Bolzonella, M., Bottini, D., Branchini, E., Cappi, A., Coupon, J., Cucciati, O., Davidzon, I., De Lucia, G., de la Torre, S., Franzetti, P., Fumana, M., Guzzo, L., Ilbert, O., Krywult, J., Le Brun, V., Le Fevre, O., Maccagni, D., Marulli, F., McCracken, H.J., Paioro, L., Polletta, M., Schlagenhaufner, H., Tasca, L.A.M., Tojeiro, R., Vergani, D., Zanichelli, A., Burden, A., Di Porto, C., Marchetti, A., Marinoni, C., Mellier, Y., Moscardini, L., Nichol, R.C., Peacock, J.A., Percival, W.J., Phleps, S., Wolk, M. & Zamorani, G. 2013, *The VIMOS Public Extragalactic Redshift Survey (VIPERS). A support vector machine classification of galaxies, stars, and AGNs*, A&A, 557, 16
- Mamajek, E.E., Bartlett, J.L., Seifahrt, A., Henry, T.J., Dieterich, S.B., Lurie, J.C., Kenworthy, M.A., Jao, W.-C., Riedel, A.R., Subasavage, J.P., Winters, J.G., Finch, C.T., Ianna, P.A., Bean, J., 2013, *The Solar Neighborhood. XXX. Fomalhaut C*, AJ, 146, 154
- Manara, C.F., Beccari, G., Da Rio, N., De Marchi, G., Natta, A., Ricci, L., Robberto, M. & Testi, L. 2013, *Accurate determination of accretion and photospheric parameters in young stellar objects: The case of two candidate old disks in the Orion Nebula Cluster*, A&A, 558, 114
- Manara, C.F., Testi, L., Rigliaco, E., Alcalá, J.M., Natta, A., Stelzer, B., Biazzo, K., Covino, E., Covino, S., Cupani, G., D'Elia, V. & Randich, S. 2013, *X-shooter spectroscopy of young stellar objects. II. Impact of chromospheric emission on accretion rate estimates*, A&A, 551, 107
- Manoj, P., Watson, D.M., Neufeld, D.A., Megeath, S.T., Vavrek, R., Yu, V., Visser, R., Bergin, E.A., Fischer, W.J., Tobin, J.J., Stutz, A.M., Ali, B., Wilson, T.L., Di Francesco, J., Osorio, M., Maret, S. & Poteet, C.A. 2013, *Herschel/PACS Spectroscopic Survey of Protostars in Orion: The Origin of Far-infrared CO Emission*, ApJ, 763, 83
- Marchetti, A., Granett, B.R., Guzzo, L., Fritz, A., Garilli, B., Scodéggi, M., Abbas, U., Adami, C., Arnouts, S., Bolzonella, M., Bottini, D., Cappi, A., Coupon, J., Cucciati, O., De Lucia, G., de la Torre, S., Franzetti, P., Fumana, M., Ilbert, O., Iovino, A., Krywult, J., Le Brun, V., Le Fevre, O., Maccagni, D., Malek, K., Marulli, F., McCracken, H.J., Meneux, B., Paioro, L., Polletta, M., Pollo, A., Schlagenhaufner, H., Tasca, L., Tojeiro, R., Vergani, D., Zanichelli, A., Bel, J., Bersanelli, M., Blaizot, J., Branchini, E., Burden, A., Davidzon, I., Porto, C.D., Guennou, L., Marinoni, C., Mellier, Y., Moscardini, L., Nichol, R.C., Peacock, J.A., Percival, W.J., Phleps, S., Schmid, C., Wolk, M. & Zamorani, G. 2013, *The VIMOS Public Extragalactic Redshift Survey (VIPERS): spectral classification through principal component analysis*, MNRAS, 428, 1424
- Marino, A.F., Milone, A.P. & Lind, K. 2013, *Horizontal Branch Morphology and Multiple Stellar Populations in the Anomalous Globular Cluster M 22*, ApJ, 768, 27
- Marmier, M., Ségransan, D., Udry, S., Mayor, M., Pepe, F., Queloz, D., Lovis, C., Naef, D., Santos, N.C., Alonso, R., Alves, S., Berthet, S., Chazelas, B., Demory, B.-O., Dumusque, X., Eggenberger, A., Figueira, P., Gillon, M., Hagelberg, J., Lendl, M., Mardling, R.A., Mégevand, D., Neveu, M., Sahlmann, J., Sosnowska, D., Tewes, M., Triaud, A.H.M.J., 2013, *The CORALIE survey for southern extrasolar planets. XVII. New and updated long period and massive planets*, A&A, 551, 90
- Marocco, F., Andrei, A.H., Smart, R.L., Jones, H.R.A., Pinfield, D.J., Day-Jones, A.C., Clarke, J.R.A., Sozzetti, A., Lucas, P.W., Bucciarelli, B. & Penna, J.L. 2013, *Parallaxes of Southern Extremely Cool Objects (PARSEC). II. Spectroscopic Follow-up and Parallaxes of 52 Targets*, AJ, 146, 161
- Marquez-Lugo, R.A., Ramos-Larios, G., Guerrero, M.A. & Vázquez, R. 2013, *On the relationship between the H₂ emission and the physical structure of planetary nebulae*, MNRAS, 429, 973
- Marti, J., Luque-Escamilla, P.L., Muñoz-Arjonilla, A.J., Sánchez-Ayaso, E., Munar-Adrover, P., Sánchez-Sutil, J.R., Romero, G.E., Paredes, J.M. & Combi, J.A. 2013, *The star forming region Monoceros R2 as a gamma-ray source*, A&A, 556, 131
- Marti-Vidal, I., Muller, S., Combes, F., Aalto, S., Beelen, A., Darling, J., Guélin, M., Henkel, C., Horellou, C., Marcaide, J.M., Martín, S., Menten, K.M., V-Trung, D. & Zwaan, M. 2013, *Probing the jet base of the blazar PKS 1830-211 from the chromatic variability of its lensed images. Serendipitous ALMA observations of a strong gamma-ray flare*, A&A, 558, 123
- Martins, F., Depagne, E., Russeil, D. & Mahy, L. 2013, *Evidence of quasi-chemically homogeneous evolution of massive stars up to solar metallicity*, A&A, 554, 23
- Martins, J.H.C., Figueira, P., Santos, N.C. & Lovis, C. 2013, *Spectroscopic direct detection of reflected light from extrasolar planets*, MNRAS, 436, 1215
- Marulli, F., Bolzonella, M., Branchini, E., Davidzon, I., de la Torre, S., Granett, B.R., Guzzo, L., Iovino, A., Moscardini, L., Pollo, A., Abbas, U., Adami, C., Arnouts, S., Bel, J., Bottini, D., Cappi, A., Coupon, J., Cucciati, O., De Lucia, G., Fritz, A., Franzetti, P., Fumana, M., Garilli, B., Ilbert, O., Krywult, J., Le Brun, V., Le Fevre, O., Maccagni, D., Malek, K., McCracken, H.J., Paioro, L., Polletta, M., Schlagenhaufner, H., Scodéggi, M., Tasca, L.A.M., Tojeiro, R., Vergani, D., Zanichelli, A., Burden, A., Di Porto, C., Marchetti, A., Marinoni, C., Mellier, Y., Nichol, R.C., Peacock, J.A., Percival, W.J., Phleps, S., Wolk, M. & Zamorani, G. 2013, *The VIMOS Public Extragalactic Redshift Survey (VIPERS) . Luminosity and stellar mass dependence of galaxy clustering at 0.5 < z < 1.1*, A&A, 557, 17
- Maseda, M.V., van der Wel, A., da Cunha, E., Rix, H.-W., Pacifici, C., Momcheva, I., Brammer, G.B., Franx, M., van Dokkum, P., Bell, E.F., Fumagalli, M., Grogin, N.A., Kocevski, D.D., Koekemoer, A.M., Lundgren, B.F., Marchesini, D., Nelson, E.J., Patel, S.G., Skelton, R.E., Straughn, A.N., Trump, J.R., Weiner, B.J., Whitaker, K.E., Wuyts, S., 2013, *Confirmation of Small Dynamical and Stellar Masses for Extreme Emission Line Galaxies at z ~ 2*, ApJ, 778, L22
- Masetti, N., Sbarufatti, B., Parisi, P., Jiménez-Bailón, E., Chavushyan, V., Vogt, F.P.A., Sguera, V., Stephen, J.B., Palazzi, E., Bassani, L., Bazzano, A., Fiocchi, M., Galaz, G., Landi, R., Malizia, A., Minniti, D., Morelli, L. & Ubertini, P. 2013, *BL Lacertae identifications in a ROSAT-selected sample of Fermi unidentified objects*, A&A, 559, 58
- Mateos, S., Alonso-Herrero, A., Carrera, F.J., Blain, A., Severgnini, P., Caccianiga, A. & Ruiz, A. 2013, *Uncovering obscured luminous AGN with WISE*, MNRAS, 434, 941
- Mathews, G.S., Klaassen, P.D., Juhász, A., Harsono, D., Chapillon, E., van Dishoeck, E.F., Espada, D., de Gregorio-Monsalvo, I., Hales, A., Hogerheijde, M.R., Mottram, J.C.,

- Rawlings, M.G., Takahashi, S. & Testi, L. 2013, *ALMA imaging of the CO snowline of the HD 163296 disk with DCO+*, A&A, 557, 132
- Mathur, S., Bruntt, H., Catala, C., Benomar, O., Davies, G.R., García, R.A., Salabert, D., Ballot, J., Mosser, B., Régulo, C., Chaplin, W.J., Elsworth, Y., Handberg, R., Hekker, S., Mantegazza, L., Michel, E., Poretti, E., Rainer, M., Roxburgh, I.W., Samadi, R., Steślicki, M., Uytterhoeven, K., Verner, G.A., Auvergne, M., Baglin, A., Barceló Forteza, S., Baudin, F. & Roca Cortés, T. 2013, *Study of HD 169392A observed by CoRoT and HARPS*, A&A, 549, 12
- Matrozis, E., Ryde, N. & Dupree, A.K. 2013, *Galactic chemical evolution of sulphur. Sulphur abundances from the [S i] $\lambda 1082$ nm line in giants*, A&A, 559, 115
- Matter, A., Delbo, M., Carry, B. & Ligori, S. 2013, *Evidence of a metal-rich surface for the Asteroid (16) Psyche from interferometric observations in the thermal infrared*, Icar, 226, 419
- Maund, J.R., Spyromilio, J., Höflich, P.A., Wheeler, J.C., Baade, D., Clocchiatti, A., Patat, F., Reilly, E., Wang, L. & Zelaya, P. 2013, *Spectropolarimetry of the Type Ia supernova 2012fr*, MNRAS, 433, L20
- Maund, J.R., Fraser, M., Smartt, S.J., Botticella, M.T., Barbarino, C., Childress, M., Gal-Yam, A., Inserra, C., Pignata, G., Reichart, D., Schmidt, B., Sollerman, J., Taddia, F., Tomasella, L., Valenti, S. & Yaron, O. 2013, *Supernova 2012ec: identification of the progenitor and early monitoring with PESSTO*, MNRAS, 431, L102
- Mauron, N., Huggins, P.J. & Cheung, C.-L. 2013, *Deep optical imaging of asymptotic giant branch circumstellar envelopes*, A&A, 551, 110
- Maxted, P.F.L., Anderson, D.R., Doyle, A.P., Gillon, M., Harrington, J., Iro, N., Jehin, E., Lafrenière, D., Smalley, B. & Southworth, J. 2013, *Spitzer 3.6 and 4.5 μ m full-orbit light curves of WASP-18*, MNRAS, 428, 2645
- Maxted, P.F.L., Anderson, D.R., Collier Cameron, A., Doyle, A.P., Fumel, A., Gillon, M., Hellier, C., Jehin, E., Lendl, M., Pepe, F., Pollacco, D.L., Queloz, D., Ségransan, D., Smalley, B., Southworth, K., Smith, A.M.S., Triaud, A.H.M.J., Udry, S. & West, R.G. 2013, *WASP-77 Ab: A Transiting Hot Jupiter Planet in a Wide Binary System*, PASP, 125, 48
- Maxted, P.F.L., Serenelli, A.M., Miglio, A., Marsh, T.R., Heber, U., Dhillon, V.S., Littlefair, S., Copperwheat, C., Smalley, B., Breedt, E. & Schaffenroth, V. 2013, *Multi-periodic pulsations of a stripped red-giant star in an eclipsing binary system*, Natur, 498, 463
- Mayer, A., Jorissen, A., Kerschbaum, F., Ottensamer, R., Nowotny, W., Cox, N.L.J., Aringer, B., Blommaert, J.A.D.L., Decin, L., van Eck, S., Gail, H.-P., Groenewegen, M.A.T., Kornfeld, K., Mecina, M., Posch, T., Vandenbussche, B., Waelkens, C. 2013, *Large-scale environments of binary AGB stars probed by Herschel. I. Morphology statistics and case studies of R Aquarii and W Aquilae*, A&A, 549, 69
- Mayer, P., Harmanec, P. & Pavlovski, K. 2013, *HD 165246: an early-type binary with a low mass ratio*, A&A, 550, 2
- Mazzalay, X., Saglia, R.P., Erwin, P., Fabricius, M.H., Rusli, S.P., Thomas, J., Bender, R., Opitsch, M., Nowak, N. & Williams, M.J. 2013, *Molecular gas in the centre of nearby galaxies from VLT/SINFONI integral field spectroscopy - I. Morphology and mass inventory*, MNRAS, 428, 2389
- McAlpine, K., Jarvis, M.J. & Bonfield, D.G. 2013, *Evolution of faint radio sources in the VIDEO-XMM3 field*, MNRAS, 436, 1084
- McDonald, I., Zijlstra, A.A., Rajolimanana, A.F. & Johnson, C.I. 2013, *On the impossible NGC 4372 V1 and V2: an extended AGB to the [Fe/H] = -2.2 cluster*, MNRAS, 429, L65
- McDonald, I., Zijlstra, A.A., Sloan, G.C., Kerins, E.J., Lagadec, E., Minniti, D., Santucho, M.V., Gurovich, S. & Domínguez Romero, M.J.d.L. 2013, *VISTA's view of the Sagittarius dwarf spheroidal galaxy and southern Galactic Bulge*, MNRAS, 436, 413
- McLure, R.J., Dunlop, J.S., Bowler, R.A.A., Curtis-Lake, E., Schenker, M., Ellis, R.S., Robertson, B.E., Koekemoer, A.M., Rogers, A.B., Ono, Y., Ouchi, M., Charlot, S., Wild, V., Stark, D.P., Furlanetto, S.R., Cirasuolo, M. & Targett, T.A. 2013, *A new multifield determination of the galaxy luminosity function at z = 7-9 incorporating the 2012 Hubble Ultra-Deep Field imaging*, MNRAS, 432, 2696
- McLure, R.J., Pearce, H.J., Dunlop, J.S., Cirasuolo, M., Curtis-Lake, E., Bruce, V.A., Caputi, K.I., Almaini, O., Bonfield, D.G., Bradshaw, E.J., Buitrago, F., Chuter, R., Foucaud, S., Hartley, W.G. & Jarvis, M.J. 2013, *The sizes, masses and specific star formation rates of massive galaxies at 1.3 < z < 1.5: strong evidence in favour of evolution via minor mergers*, MNRAS, 428, 1088
- Meech, K.J., Kleyna, J., Hainaut, O.R., Lowry, S.C., Fuse, T., A'Hearn, M.F., Chesley, S., Yeomans, D.K., Fernández, Y., Lisse, C., Reach, W., Bauer, J.M., Mainzer, A.K., Pittichová, J., Christensen, E., Osip, D., Brink, T., Mateo, M., Motta, V., Challis, P., Holman, M. & Ferrín, I. 2013, *The demise of Comet 85P/Boethin, the first EPOXI mission target*, Icar, 222, 662
- Meeus, G., Salyk, C., Bruderer, S., Fedele, D., Maaskant, K., Evans, N.J., van Dishoeck, E.F., Montesinos, B., Herczeg, G., Bouwman, J., Green, J.D., Dominik, C., Henning, T. & Vicente, S. 2013, *DIGIT survey of far-infrared lines from protoplanetary discs. II. CO*, A&A, 559, 84
- Mehner, A., Baade, D., Rivinius, T., Lennon, D.J., Martayan, C., Stahl, O. & Štefl, S. 2013, *Broad-band spectroscopy of the ongoing large eruption of the luminous blue variable R71*, A&A, 555, 116
- Meilland, A., Stee, P., Spang, A., Malbet, F., Massi, F. & Schertl, D. 2013, *The binary Be star δ Scorpis at high spectral and spatial resolution. II. The circumstellar disk evolution after the periastron*, A&A, 550, L5
- Melin, H., Stallard, T.S., Miller, S., Geballe, T.R., Trafton, L.M. & O'Donoghue, J. 2013, *Post-equinoctial observations of the ionosphere of Uranus*, Icar, 223, 741
- Mendigutía, I., Brittain, S., Eiroa, C., Meeus, G., Montesinos, B., Mora, A., Muñoz, J., Oudmaijer, R.D. & Rigliaco, E. 2013, *Accretion Variability of Herbig Ae/Be Stars Observed by X-Shooter HD 31648 and HD 163296*, ApJ, 776, 44
- Merello, M., Bronfman, L., Garay, G., Nyman, L.-Å., Evans, N.J.I., Walmsley, C.M. 2013, *Physical Characteristics of G331.5-0.1: The Luminous Central Region of a Giant Molecular Cloud*, ApJ, 774, 38
- Merluzzi, P., Busarello, G., Dopita, M.A., Haines, C.P., Steinhauser, D., Mercurio, A., Rifatto, A., Smith, R.J. & Schindler, S. 2013, *ACCESS - V. Dissecting ram-pressure stripping through integral-field spectroscopy and multiband imaging*, MNRAS, 429, 1747
- Michalska, G., Niemczura, E., Pigulski, A., Steślicki, M. & Williams, A. 2013, *The massive eclipsing system ALS 1135 and variable stars in the field of the distant OB association Bochum 7*, MNRAS, 429, 1354
- Micheva, G., Östlin, G., Zackrisson, E., Bergvall, N., Marquart, T., Masegosa, J., Marquez, I., Cumming, R.J. & Durret, F. 2013, *Deep multiband surface photometry on a sample of 24 blue compact galaxies. II. A volume-limited sample of 21 emission line galaxies*, A&A, 556, 10
- Micheva, G., Östlin, G., Bergvall, N., Zackrisson, E., Masegosa, J., Marquez, I., Marquart, T. & Durret, F. 2013, *Deep multiband surface photometry on a sample of 24 blue compact galaxies - I*, MNRAS, 431, 102
- Mignoli, M., Vignali, C., Gilli, R., Comastri, A., Zamorani, G., Bolzonella, M., Bongiorno, A., Lamareille, F., Nair, P., Pozzetti, L., Lilly, S.J., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fèvre, O., Mainieri, V., Renzini, A., Scuderi, M., Bardelli, S., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Kovač, K., Le Borgne, J.-F., Le Brun, V., Maier, C., Pellò, R., Peng, Y., Perez Montero, E., Presotto, V., Silverman, J.D., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Bordoloi, R., Cappi, A., Cimatti, A., Koekemoer, A.M., McCracken, H.J., Moresco, M., Welikala, N. 2013, *Obscured AGN at z ~ 1 from*

- the zCOSMOS-Bright Survey. I. Selection and optical properties of a [Ne v]-selected sample*, A&A, 556, 29
- Milisavljevic, D., Margutti, R., Soderberg, A.M., Pignata, G., Chomiuk, L., Fesen, R.A., Bufano, F., Sanders, N.E., Parrent, J.T., Parker, S., Mazzali, P., Pian, E., Pickering, T., Buckley, D.A.H., Crawford, S.M., Gulbis, A.A.S., Hettlage, C., Hooper, E., Nordsieck, K.H., O'Donoghue, D., Husser, T.-O., Potter, S., Kniazev, A., Kotze, P., Romero-Colmenero, E., Vaisanen, P., Wolf, M., Bietenholz, M.F., Bartel, N., Fransson, C., Walker, E.S., Brunthaler, A., Chakraborti, S., Levesque, E.M., MacFadyen, A., Drescher, C., Bock, G., Marples, P., Anderson, J.P., Benetti, S., Reichart, D., Ivarsen, K., 2013, *Multi-wavelength Observations of Supernova 2011ei: Time-dependent Classification of Type Iib and Ib Supernovae and Implications for Their Progenitors*, ApJ, 767, 71
- Milone, A.P., Marino, A.F., Piotti, G., Bedin, L.R., Anderson, J., Aparicio, A., Bellini, A., Cassisi, S., D'Antona, F., Grundahl, F., Monelli, M. & Yong, D. 2013, *A WFC3/HST View of the Three Stellar Populations in the Globular Cluster NGC 6752*, ApJ, 767, 120
- Miluzio, M., Cappellaro, E., Botticella, M.T., Cresci, G., Greggio, L., Mannucci, F., Benetti, S., Bufano, F., Elias-Rosa, N., Pastorello, A., Turatto, M. & Zampieri, L. 2013, *HAWK-I infrared supernova search in starburst galaxies*, A&A, 554, 127
- Milvang-Jensen, B., Freudling, W., Zabl, J., Fynbo, J.P.U., Møller, P., Nilsson, K.K., McCracken, H.J., Hjorth, J., Le Fèvre, O., Tasca, L., Dunlop, J.S. & Sobral, D. 2013, *On-sky characterisation of the VISTA NB118 narrow-band filters at 1.19 μm*, A&A, 560, 94
- Minier, V., Tremblin, P., Hill, T., Motte, F., André, P., Lo, N., Schneider, N., Audit, E., White, G.J., Hennemann, M., Cunningham, M., Deharveng, L., Didelon, P., Di Francesco, J., Elia, D., Giannini, T., Nguyen Luong, Q., Pezzuto, S., Rygl, K.L.J., Spinoglio, L., Ward-Thompson, D. & Zavagno, A. 2013, *Ionisation impact of high-mass stars on interstellar filaments. A Herschel study of the RCW 36 bipolar nebula in Vela C*, A&A, 550, 50
- Mishenina, T., Korotin, S., Carraro, G., Kovtyukh, V.V. & Yegorova, I.A. 2013, *Barium and yttrium abundance in intermediate-age and old open clusters*, MNRAS, 433, 1436
- Miszalski, B., Boffin, H.M.J., Jones, D., Karakas, A.I., Köppen, J., Tyndall, A.A., Mohamed, S.S., Rodríguez-Gil, P. & Santander-García, M. 2013, *SALT reveals the barium central star of the planetary nebula Hen 2-39*, MNRAS, 436, 3068
- Miszalski, B., Boffin, H.M.J. & Corradi, R.L.M. 2013, *A carbon dwarf wearing a Necklace: first proof of accretion in a post-common-envelope binary central star of a planetary nebula with jets*, MNRAS, 428, L39
- Miszalski, B., Mikolajewska, J. & Udalski, A. 2013, *Symbiotic stars and other Hα emission-line stars towards the Galactic bulge*, MNRAS, 432, 3186
- Mitchell, D.S., Reffert, S., Trifonov, T., Quirrenbach, A. & Fischer, D.A. 2013, *Precise radial velocities of giant stars. V. A brown dwarf and a planet orbiting the K giant stars τ Geminorum and 91 Aquarii*, A&A, 555, 87
- Mohler-Fischer, M., Mancini, L., Hartman, J.D., Bakos, G.Á., Penev, K., Bayliss, D., Jordán, A., Csabry, Z., Zhou, G., Rabus, M., Nikolov, N., Brahm, R., Espinoza, N., Buchhave, L.A., Béky, B., Suc, V., Csák, B., Henning, T., Wright, D.J., Tinney, C.G., Addison, B.C., Schmidt, B., Noyes, R.W., Papp, I., Lázár, J., Sári, P. & Conroy, P. 2013, *HATS-2b: A transiting extrasolar planet orbiting a K-type star showing starspot activity*, A&A, 558, 55
- Mok, A., Balogh, M.L., McGee, S.L., Wilman, D.J., Finoguenov, A., Tanaka, M., Giordini, S., Bower, R.G., Connelly, J.L., Hou, A., Mulchaey, J.S. & Parker, L.C. 2013, *Efficient satellite quenching at z>1 from the GEEC2 spectroscopic survey of galaxy groups*, MNRAS, 431, 1090
- Molaro, P., Esposito, M., Monai, S., Lo Curto, G., González Hernández, J.I., Hänsch, T.W., Holzwarth, R., Manescau, A., Pasquini, L., Probst, R.A., Rebolo, R., Steinmetz, T., Udem, T. & Wilken, T. 2013, *A frequency comb calibrated solar atlas*, A&A, 560, 61
- Molaro, P., Monaco, L., Barbieri, M. & Zaggia, S. 2013, *Detection of the Rossiter-McLaughlin effect in the 2012 June 6 Venus transit*, MNRAS, 429, L79
- Molaro, P., Centurión, M., Whitmore, J.B., Evans, T.M., Murphy, M.T., Agafonova, I.I., Bonifacio, P., D'Odorico, S., Levshakov, S.A., Lopez, S., Martins, C.J.A.P., Petitjean, P., Rahmani, H., Reimers, D., Srianand, R., Vladilo, G. & Wendt, M. 2013, *The UVES Large Program for testing fundamental physics I. Bounds on a change in α towards quasar HE 2217-2818*, A&A, 555, 68
- Monreal-Ibero, A., Walsh, J.R., Westmoquette, M.S. & Vilchez, J.M. 2013, *He i in the central giant H ii region of NGC 5253. A 2D observational approach to collisional and radiative transfer effects*, A&A, 553, 57
- Monroe, T.R., Meléndez, J., Ramírez, I., Yong, D., Bergemann, M., Asplund, M., Bedell, M., Tucci Maia, M., Bean, J., Lind, K., Alves-Brito, A., Casagrande, L., Castro, M., do Nascimento, J.-D., Bazot, M., Freitas, F.C., 2013, *High Precision Abundances of the Old Solar Twin HIP 102152: Insights on Li Depletion from the Oldest Sun*, ApJ, 774, L32
- Monteiro, H., Gonçalves, D.R., Leal-Ferreira, M.L. & Corradi, R.L.M. 2013, *Spatially resolved physical and chemical properties of the planetary nebula NGC 3242*, A&A, 560, 102
- Moór, A., Juhász, A., Kóspál, Á., Ábrahám, P., Apai, D., Csengeri, T., Grady, C., Henning, T., Hughes, A.M., Kiss, C., Pascucci, I., Schmalzl, M. & Gabányi, K. 2013, *ALMA Continuum Observations of a 30 Myr Old Gaseous Debris Disk around HD 21997*, ApJ, 777, L25
- Morales, E.F.E., Wyrowski, F., Schuller, F. & Menten, K.M. 2013, *Stellar clusters in the inner Galaxy and their correlation with cold dust emission*, A&A, 560, 76
- Morel, T., Rainer, M., Poretti, E., Barban, C. & Boumier, P. 2013, *Abundance study of the two solar-analogue CoRoT targets HD 42618 and HD 43587 from HARPS spectroscopy*, A&A, 552, 42
- Moresco, M., Pozzetti, L., Cimatti, A., Zamorani, G., Bolzonella, M., Lamareille, F., Mignoli, M., Zucca, E., Lilly, S.J., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fèvre, O., Mainieri, V., Renzini, A., Scudiego, M., Bardelli, S., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Kovač, K., Le Borgne, J.-F., Le Brun, V., Maier, C., Pelló, R., Peng, Y., Perez-Montero, E., Presotto, V., Silverman, J.D., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Barnes, L., Bordoloi, R., Cappi, A., Diener, C., Koekemoer, A.M., Le Floc'h, E., López-Sanjuan, C., McCracken, H.J., Nair, P., Oesch, P., Scarlata, C., Scoville, N., Welikala, N., 2013, *Spot the difference. Impact of different selection criteria on observed properties of passive galaxies in zCOSMOS-20k sample*, A&A, 558, 61
- Morganti, R., Frieswijk, W., Oonk, R.J.B., Oosterloo, T. & Tadhunter, C. 2013, *Tracing the extreme interplay between radio jets and the ISM in IC 5063*, A&A, 552, L4
- Mortier, A., Santos, N.C., Sousa, S.G., Adibekyan, V.Z., Delgado Mena, E., Tsantaki, M., Israelián, G. & Mayor, M. 2013, *New and updated stellar parameters for 71 evolved planet hosts. On the metallicity-giant planet connection*, A&A, 557, 70
- Mortier, A., Santos, N.C., Sousa, S.G., Fernandes, J.M., Adibekyan, V.Z., Delgado Mena, E., Montalto, M. & Israelián, G. 2013, *New and updated stellar parameters for 90 transit hosts. The effect of the surface gravity*, A&A, 558, 106
- Mortier, A., Santos, N.C., Sousa, S., Israelián, G., Mayor, M. & Udry, S. 2013, *On the functional form of the metallicity-giant planet correlation*, A&A, 551, 112
- Mortlock, A., Conselice, C.J., Hartley, W.G., Ownsworth, J.R., Lani, C., Bluck, A.F.L., Almaini, O., Duncan, K., Wel, A.v.d., Koekemoer, A.M., Dekel, A., Davé, R., Ferguson, H.C., de Mello, D.F., Newman, J.A., Faber, S.M., Grogin, N.A., Kocevski, D.D. & Lai, K. 2013, *The redshift and mass dependence on the formation of the Hubble sequence at z > 1 from CANDELS/UDS*, MNRAS, 433, 1185

- Moscadelli, L., Cesaroni, R., Sánchez-Monge, Á., Goddi, C., Furuya, R.S., Sanna, A. & Pestalozzi, M. 2013, *A study on subarcsecond scales of the ammonia and continuum emission toward the G16.59-0.05 high-mass star-forming region*, A&A, 558, 145
- Mosoni, L., Sipos, N., Ábrahám, P., Moór, A., Kóspál, Á., Henning, T., Juhász, A., Kun, M., Leinert, C., Quanz, S.P., Ratzka, T., Schegerer, A.A., van Boekel, R. & Wolf, S. 2013, *Dynamics during outburst. VLT observations of the young eruptive star V1647 Orionis during its 2003-2006 outburst*, A&A, 552, 62
- Moulds, V.E., Watson, C.A., Bonfils, X., Littlefair, S.P. & Simpson, E.K. 2013, *Finding exoplanets orbiting young active stars - I. Technique*, MNRAS, 430, 1709
- Mouillet, A., Lellouch, E., Moreno, R., Gurwell, M., Black, J.H. & Butler, B. 2013, *Exploring Io's Atmospheric Composition with APEX: First Measurement of 34SO₂ and Tentative Detection of KCl*, ApJ, 776, 32
- Mucciarelli, A., Bellazzini, M., Catelan, M., Dalessandro, E., Amigo, P., Correnti, M., Cortés, C. & D'Orazi, V. 2013, *NGC 5694: another foster son of the Galactic halo*, MNRAS, 435, 3667
- Mucciarelli, A., Salaris, M., Lanzoni, B., Pallanca, C., Dalessandro, E. & Ferraro, F.R. 2013, *New Clues on the Nature of the Companion to PSR J1740-5340 in NGC 6397 from XSHOOTER Spectroscopy*, ApJ, 772, L27
- Mucciarelli, A., Pancino, E., Lovisi, L., Ferraro, F.R. & Lapenna, E. 2013, *GALA: An Automatic Tool for the Abundance Analysis of Stellar Spectra*, ApJ, 766, 78
- Mulders, G.D., Paardekooper, S.-J., Panić, O., Dominik, C., van Boekel, R. & Ratzka, T. 2013, *Planet or brown dwarf? Inferring the companion mass in HD 100546 from the wall shape using mid-infrared interferometry*, A&A, 557, 68
- Müller, A., Roccatagliata, V., Henning, T., Fedele, D., Pasquali, A., Caffau, E., Rodríguez-Ledesma, M.V., Mohler-Fischer, M., Seemann, U. & Klement, R.J. 2013, *Reanalysis of the FEROS observations of HIP 11952*, A&A, 556, 3
- Müller-Sánchez, F., Prieto, M.A., Mezcua, M., Davies, R.I., Malkan, M.A. & Elitzur, M. 2013, *The Central Molecular Gas Structure in LINERs with Low-luminosity Active Galactic Nuclei: Evidence for Gradual Disappearance of the Torus*, ApJ, 763, L1
- Muñoz, R.P., Motta, V., Verdugo, T., Garrido, F., Limousin, M., Padilla, N., Foëx, G., Cabanac, R., Gavazzi, R., Barrientos, L.F. & Richard, J. 2013, *Dynamical analysis of strong-lensing galaxy groups at intermediate redshift*, A&A, 552, 80
- Murakawa, K., Izumiura, H., Oudmaijer, R.D. & Maud, L.T. 2013, *Investigation of dust properties of the proto-planetary nebula IRAS 18276-1431*, MNRAS, 430, 3112
- Muzzin, A., Marchesini, D., Stefanon, M., Franx, M., Milvang-Jensen, B., Dunlop, J.S., Fynbo, J.P.U., Brammer, G., Labbé, I. & van Dokkum, P. 2013, *A Public Ks -selected Catalog in the COSMOS/ULTRAVISTA Field: Photometry, Photometric Redshifts, and Stellar Population Parameters*, ApJS, 206, 8
- Muzzin, A., Wilson, G., DeMarco, R., Lidman, C., Nantais, J., Hoekstra, H., Yee, H.K.C. & Rettura, A. 2013, *Discovery of a Rich Cluster at z = 1.63 Using the Rest-frame 1.6 μm "Stellar Bump Sequence" Method*, ApJ, 767, 39
- Muzzin, A., Marchesini, D., Stefanon, M., Franx, M., McCracken, H.J., Milvang-Jensen, B., Dunlop, J.S., Fynbo, J.P.U., Brammer, G., Labbé, I. & van Dokkum, P.G. 2013, *The Evolution of the Stellar Mass Functions of Star-forming and Quiescent Galaxies to z = 4 from the COSMOS/UltraVISTA Survey*, ApJ, 777, 18
- Nakajima, K., Ouchi, M., Shimasaku, K., Hashimoto, T., Ono, Y. & Lee, J.C. 2013, *First Spectroscopic Evidence for High Ionization State and Low Oxygen Abundance in Lyα Emitters*, ApJ, 769, 3
- Nantais, J.B., Flores, H., DeMarco, R., Lidman, C., Rosati, P. & Jee, M.J. 2013, *Morphology with light profile fitting of confirmed cluster galaxies at z = 0.84*, A&A, 555, 5
- Nantais, J.B., Rettura, A., Lidman, C., DeMarco, R., Gobat, R., Rosati, P. & Jee, M.J. 2013, *Star-forming fractions and galaxy evolution with redshift in rich X-ray-selected galaxy clusters*, A&A, 556, 112
- Nardetto, N., Mathias, P., Fokin, A., Chapellier, E., Pietrzynski, G., Gieren, W., Graczyk, D. & Mourard, D. 2013, *Understanding the dynamical structure of pulsating stars: The center-of-mass velocity and the Baade-Wesselink projection factor of the β Cephei star α Lupi*, A&A, 553, 112
- Naslim, N., Jeffery, C.S., Hibbert, A. & Behara, N.T. 2013, *Discovery of extremely lead-rich subdwarfs: does heavy metal signal the formation of subdwarf B stars?*, MNRAS, 434, 1920
- Nazé, Y., Rauw, G., Sana, H. & Corcoran, M.F. 2013, *X-ray properties of the young open clusters HM1 and IC 2944/2948*, A&A, 555, 83
- Nebot Gómez-Morán, A., Motch, C., Barcons, X., Carrera, F.J., Ceballos, M.T., Cropper, M., Grossi, N., Guillout, P., Hérent, O., Mateos, S., Michel, L., Osborne, J.P., Pakull, M., Pineau, F.-X., Pye, J.P., Roberts, T.P., Rosen, S.R., Schwöpe, A.D., Watson, M.G., Webb, N., 2013, *The XMM-Newton SSC survey of the Galactic plane*, A&A, 553, 12
- Neill, J.L., Crockett, N.R., Bergin, E.A., Pearson, J.C. & Xu, L.-H., 2013, *Deuterated Molecules in Orion KL from Herschel/HIFI*, ApJ, 777, 85
- Neill, J.L., Wang, S., Bergin, E.A., Crockett, N.R., Favre, C., Plume, R. & Melnick, G.J. 2013, *The Abundance of H₂O and HDO in Orion KI from Herschel/HIFI*, ApJ, 770, 142
- Nesvacil, N., Shulyak, D., Ryabchikova, T.A., Kochukhov, O., Akberov, A. & Weiss, W. 2013, *A self-consistent chemically stratified atmosphere model for the roAp star 10 Aquilae*, A&A, 552, 28
- Neves, V., Bonfils, X., Santos, N.C., Delfosse, X., Forveille, T., Allard, F. & Udry, S. 2013, *Metallicity of M dwarfs. III. Planet-metallicity and planet-stellar mass correlations of the HARPS GTO M dwarf sample*, A&A, 551, 36
- Newman, S.F., Genzel, R., Förster Schreiber, N.M., Shapiro Griffin, K., Mancini, C., Lilly, S.J., Renzini, A., Bouché, N., Burkert, A., Buschkamp, P., Carollo, C.M., Cresci, G., Davies, R., Eisenhauer, F., Genel, S., Hicks, E.K.S., Kurk, J., Lutz, D., Naab, T., Peng, Y., Sternberg, A., Tacconi, L.J., Wuyts, S., Zamorani, G. & Vergani, D. 2013, *The SINS/zC-SINF Survey of z ~ 2 Galaxy Kinematics: The Nature of Dispersion-dominated Galaxies*, ApJ, 767, 104
- Ngoumou, J., Preibisch, T., Ratzka, T. & Burkert, A. 2013, *The Mysterious Sickle Object in the Carina Nebula: A Stellar Wind Induced Bow Shock Grazing a Clump?*, ApJ, 769, 139
- Nielsen, E.L., Liu, M.C., Wahhaj, Z., Biller, B.A., Hayward, T.L., Close, L.M., Males, J.R., Skemer, A.J., Chun, M., Ftaclas, C., Alencar, S.H.P., Artymowicz, P., Boss, A., Clarke, F., de Gouveia Dal Pino, E., Gregorio-Hetem, J., Hartung, M., Ida, S., Kuchner, M., Lin, D.N.C., Reid, I.N., Shkolnik, E.L., Tecza, M., Thatte, N. & Toomey, D.W. 2013, *The Gemini NICI Planet-Finding Campaign: The Frequency of Giant Planets around Young B and A Stars*, ApJ, 776, 4
- Nielsen, N.M., Churchill, C.W., Kacprzak, G.G. & Murphy, M.T. 2013, *MAGCAT I. The Mg II Absorber-Galaxy Catalog*, ApJ, 776, 114
- Nieva, M.-F. 2013, *Temperature, gravity, and bolometric correction scales for non-supergiant OB stars*, A&A, 550, 26
- Nikolic, S., van de Ven, G., Heng, K., Kupko, D., Husemann, B., Raymond, J.C., Hughes, J.P. & Falcon-Barroso, J. 2013, *An Integral View of Fast Shocks Around Supernova 1006*, Sci, 340, 45
- Nishiyama, S. & Schödel, R. 2013, *Young, massive star candidates detected throughout the nuclear star cluster of the Milky Way*, A&A, 549, 57
- Nishiyama, S., Yasui, K., Nagata, T., Yoshikawa, T., Uchiyama, H., Schödel, R., Hatano, H., Sato, S., Sugitani, K., Suenaga, T., Kwon, J. & Tamura, M. 2013, *Magnetically Confined Interstellar Hot Plasma in the Nuclear Bulge of Our Galaxy*, ApJ, 769, L28
- Nissen, P.E. 2013, *The carbon-to-oxygen ratio in stars with planets*, A&A, 552, 73

- Noël, N.E.D., Conn, B.C., Carrera, R., Read, J.I., Rix, H.-W., Dolphin, A., 2013, *The MAGellanic Inter-Cloud Project (MAGIC). I. Evidence for Intermediate-age Stellar Populations in between the Magellanic Clouds*, ApJ, 768, 109
- Norris, J.E., Bessell, M.S., Yong, D., Christlieb, N., Barklem, P.S., Asplund, M., Murphy, S.J., Beers, T.C., Frebel, A. & Ryan, S.G. 2013, *The Most Metal-poor Stars. I. Discovery, Data, and Atmospheric Parameters*, ApJ, 762, 25
- O'Rourke, L., Snodgrass, C., de Val-Borro, M., Biver, N., Bockelée-Morvan, D., Hsieh, H., Teyssier, D., Fernandez, Y., Kueppers, M., Micheli, M. & Hartogh, P. 2013, *Determination of an Upper Limit for the Water Outgassing Rate of Main-belt Comet P/2012 T1 (PANSTARRS)*, ApJ, 774, L13
- Oh, S., Woo, J.-H., Bennert, V.N., Jungwiert, B., Haas, M., Leipski, C. & Albrecht, M. 2013, *The Extended Narrow-line Region of Two Type-I Quasi-stellar Objects*, ApJ, 767, 117
- Ohlendorf, H., Preibisch, T., Gaczkowski, B., Ratzka, T., Ngoumou, J., Roccatagliata, V. & Grellmann, R. 2013, *Discovering young stars in the Gum 31 region with infrared observations*, A&A, 552, 14
- Ohnaka, K., Hofmann, K.-H., Schertl, D., Weigelt, G., Baffa, C., Chelli, A., Petrov, R. & Robbe-Dubois, S. 2013, *High spectral resolution imaging of the dynamical atmosphere of the red supergiant Antares in the CO first overtone lines with VLTI/AMBER*, A&A, 555, 24
- Ohnaka, K. 2013, *Spatially resolved, high-spectral resolution observation of the K giant Aldebaran in the CO first overtone lines with VLTI/AMBER*, A&A, 553, 3
- Ohnaka, K., Boboltz, D.A., Multitz-Schimel, G., Izumiura, H. & Wittkowski, M. 2013, *VLA survey of 22 GHz H₂O masers toward ten silicate carbon stars*, A&A, 559, 120
- Ohyama, Y. & Hota, A. 2013, *Discovery of a Possibly Single Blue Supergiant Star in the Intra-cluster Region of Virgo Cluster of Galaxies*, ApJ, 767, L29
- Oka, T., Welty, D.E., Johnson, S., York, D.G., Dahlstrom, J. & Hobbs, L.M. 2013, *Anomalous Diffuse Interstellar Bands in the Spectrum of Herschel 36. II. Analysis of Radiatively Excited CH+, CH, and Diffuse Interstellar Bands*, ApJ, 773, 42
- Oksala, M.E., Kraus, M., Cidale, L.S., Muratore, M.F. & Borges Fernandes, M. 2013, *Probing the ejecta of evolved massive stars in transition. A VLT/SINFONI K-band survey*, A&A, 558, 17
- Oliveira, I., van der Laan, M. & Brown, J.M. 2013, *New X-Ray-selected Pre-main-sequence Members of the Serpens Molecular Cloud*, AJ, 146, 105
- Oliveira, J.M., van Loon, J.T., Sloan, G.C., Sewiło, M., Kraemer, K.E., Wood, P.R., Indebetouw, R., Filipović, M.D., Crawford, E.J., Wong, G.F., Hora, J.L., Meixner, M., Robitaille, T.P., Shiao, B. & Simon, J.D. 2013, *Early-stage young stellar objects in the Small Magellanic Cloud*, MNRAS, 428, 3001
- Olofsson, J., Benisty, M., Le Bouquin, J.-B., Berger, J.-P., Lacour, S., Ménard, F., Henning, T., Crida, A., Burtscher, L., Meeus, G., Ratzka, T., Pinte, C., Augereau, J.-C., Malbet, F., Lazareff, B., Traub, W., 2013, *Sculpting the disk around T Chamaeleontis: an interferometric view*, A&A, 552, 4
- Olofsson, J., Henning, T., Nielbock, M., Augereau, J.-C., Juhász, A., Oliveira, I., Absil, O., Tamanai, A., 2013, *The twofold debris disk around HD 113766 A. Warm and cold dust as seen with VLTI/MIDI and Herschel/PACS*, A&A, 551, 134
- Oskinova, L.M., Sun, W., Evans, C.J., Hénault-Brunet, V., Chu, Y.-H., Gallagher, J.S.I., Guerrero, M.A., Gruendl, R.A., Güdel, M., Silich, S., Chen, Y., Nazé, Y., Hainich, R., Reyes-Iturbide, J., 2013, *Discovery of X-Ray Emission from Young Suns in the Small Magellanic Cloud*, ApJ, 765, 73
- Oskinova, L.M., Steinke, M., Hamann, W.-R., Sander, A., Todt, H., Liermann, A. 2013, *One of the most massive stars in the Galaxy may have formed in isolation*, MNRAS, 436, 3357
- Oteo, I., Cepa, J., Bongiovanni, Á., Pérez-García, A.M., Cedrés, B., Domínguez Sánchez, H., Ederoclite, A., Sánchez-Portal, M., Pintos-Castro, I. & Pérez-Martínez, R. 2013, *Far-infrared-detected Lyman-break galaxies at z ~ 3. Dust attenuation and dust correction factors at high redshift*, A&A, 554, L3
- Oteo, I., Magdis, G., Bongiovanni, Á., Pérez-García, A.M., Cepa, J., Cedrés, B., Ederoclite, A., Sánchez-Portal, M., Aguerri, J.A.L., Alfaro, E.J., Altieri, B., Andreani, P., Aparicio-Villegas, T., Aussel, H., Benítez, N., Berta, S., Broadhurst, T., Cabrera-Caño, J., Castander, F.J., Cerviño, M., Cimatti, A., Cristobal-Hornillos, D., Daddi, E., Elbaz, D., Fernandez-Soto, A., Schreiber, N.F., Genzel, R., Gonzalez-Delgado, R.M., Husillos, C., Infante, L., Le Floc'h, E., Lutz, D., Magnelli, B., Maiolino, R., Márquez, I., Martínez, V.J., Masegosa, J., Matute, I., Moles, M., Molino, A., Olmo, A.d., Perea, J., Pérez-Martínez, R., Pintos-Castro, I., Poglitsch, A., Polednikova, J., Popesso, P., Pović, M., Pozzi, F., Prada, F., Quintana, J.M., Riguccini, L., Sturm, E., Tacconi, L., Valtchanov, I. & Viironen, K. 2013, *Lyman Break and ultraviolet-selected galaxies at z ~ 1 - II. PACS 100 μm/160 μm FIR detections*, MNRAS, 435, 158
- Oteo, I., Bongiovanni, Á., Cepa, J., Pérez-García, A.M., Ederoclite, A., Sánchez-Portal, M., Pintos-Castro, I., Pérez-Martínez, R., Polednikova, J., Aguerri, J.A.L., Alfaro, E.J., Aparicio-Villegas, T., Benítez, N., Broadhurst, T., Cabrera-Caño, J., Castander, F.J., Cerviño, M., Cristobal-Hornillos, D., Fernandez-Soto, A., Gonzalez-Delgado, R.M., Husillos, C., Infante, L., Martínez, V.J., Márquez, I., Masegosa, J., Matute, I., Moles, M., Molino, A., Olmo, A.d., Perea, J., Pović, M., Prada, F., Quintana, J.M. & Viironen, K. 2013, *Lyman break and ultraviolet-selected galaxies at z ~ 1 - I. Stellar populations from the ALHAMBRA survey*, MNRAS, 433, 2706
- Otsuka, M., Kemper, F., Hyung, S., Sargent, B.A., Meixner, M., Tajitsu, A. & Yanagisawa, K. 2013, *The Detection of C60 in the Well-characterized Planetary Nebula M1-11*, ApJ, 764, 77
- Oudmaijer, R.D. & de Wit, W.J. 2013, *Neutral and ionised gas around the post-red supergiant IRC +10 420 at AU size scales*, A&A, 551, 69
- Overzier, R.A., Nesvadba, N.P.H., Dijkstra, M., Hatch, N.A., Lehnert, M.D., Villar-Martín, M., Wilman, R.J. & Zirm, A.W. 2013, *Resolving the Optical Emission Lines of Lyα Blob "B1" at z = 2.38: Another Hidden Quasar*, ApJ, 771, 89
- Pace, G. 2013, *Chromospheric activity as age indicator. An L-shaped chromospheric-activity versus age diagram*, A&A, 551, L8
- Paganini, L., Mumma, M.J., Boehnhardt, H., DiSanti, M.A., Villanueva, G.L., Bonev, B.P., Lippi, M., Käufl, H.U. & Blake, G.A. 2013, *Ground-Based Infrared Detections of CO in the Centaur-comet 29P/Schwassmann-Wachmann 1 at 6.26 AU from the Sun*, ApJ, 766, 100
- Pallanca, C., Lanzoni, B., Dalessandro, E., Ferraro, F.R., Possenti, A., Salaris, M. & Burgay, M. 2013, *The Optical Companion to the Intermediate-mass Millisecond Pulsar J1439-5501 in the Galactic Field*, ApJ, 773, 127
- Pan, Z., Kong, X. & Fan, L. 2013, *Green Galaxies in the COSMOS Field*, ApJ, 776, 14
- Park, S., Kang, W., Lee, J.-E., Lee, S.-G., 2013, *Wilson-Bappu Effect: Extended to Surface Gravity*, AJ, 146, 73
- Parker, S.R. & Tinney, C.G. 2013, *Searching for T dwarfs in IC 2391 using methane imaging*, MNRAS, 430, 1208
- Parsons, S.G., Marsh, T.R., Gänsicke, B.T., Schreiber, M.R., Bours, M.C.P., Dhillon, V.S. & Littlefair, S.P. 2013, *A magnetic white dwarf in a detached eclipsing binary*, MNRAS, 436, 241
- Parsons, S.G., Gänsicke, B.T., Marsh, T.R., Drake, A.J., Dhillon, V.S., Littlefair, S.P., Pyrzas, S., Rebassa-Mansergas, A. & Schreiber, M.R. 2013, *Eclipsing post-common envelope binaries from the Catalina surveys*, MNRAS, 429, 256
- Pastorello, A., Cappellaro, E., Inserra, C., Smartt, S.J., Pignata, G., Benetti, S., Valenti, S., Fraser, M., Takáts, K., Benítez, S., Botticella, M.T., Brimacombe, J., Bufano, F., Cellier-Holzem, F., Costado, M.T., Cupani, G., Curtis, I., Elias-Rosa, N., Ergon, M., Fynbo, J.P.U., Hambach, F.-J., Hamuy, M., Harutyunyan, A., Ivarson, K.M., Kankare, E., Martin, J.C., Kotak, R., LaCluyze, A.P., Maguire, K., Mattila, S., Maza, J., McCrum, M., Miluzio, M., Norgaard-Nielsen, H.U., Nysewander, M.C., Ochner, P., Pan, Y.-C., Pumo, M.L., Reichart, D.E., Tan, T.G., Taubenberger, S., Tomasella, L., Turatto, M., Wright, D., 2013, *Interacting Supernovae and*

- Supernova Impostors: SN 2009ip, is this the End?*, ApJ, 767, 1
- Penev, K., Bakos, G.Á., Bayliss, D., Jordán, A., Mohler, M., Zhou, G., Suc, V., Rabus, M., Hartman, J.D., Mancini, L., Béky, B., Csubry, Z., Buchhave, L., Henning, T., Nikolov, N., Csák, B., Brahm, R., Espinoza, N., Conroy, P., Noyes, R.W., Sasselov, D.D., Schmidt, B., Wright, D.J., Tinney, C.G., Addison, B.C., Lázár, J., Papp, I. & Sári, P. 2013, *HATS-1b: The First Transiting Planet Discovered by the HATSouth Survey*, AJ, 145, 5
- Peng, T.-C., Despois, D., Brouillet, N., Baudry, A., Favre, C., Remijan, A., Wootten, A., Wilson, T.L. & Combes, F. Włodarczak, G. 2013, *Acetone in Orion BN/KL. High-resolution maps of a special oxygen-bearing molecule*, A&A, 554, 78
- Peng, T.-C., Humphreys, E.M.L., Testi, L., Baudry, A., Wittkowski, M., Rawlings, M.G., de Gregorio-Monsalvo, I., Vlemmings, W., Nyman, L.-A., Gray, M.D., de Breuck, C., 2013, *Silicon isotopic abundance toward evolved stars and its application for presolar grains*, A&A, 559, L8
- Pereira, C.B., Jilinski, E.G., Drake, N.A., Ortega, V.G. & Roig, F. 2013, *A study of two high-velocity red horizontal branch stars*, A&A, 559, 12
- Peretto, N., Fuller, G.A., Duarte-Cabral, A., Avison, A., Hennebelle, P., Pineda, J.E., André, P., Bontemps, S., Motte, F., Schneider, N. & Molinari, S. 2013, *Global collapse of molecular clouds as a formation mechanism for the most massive stars*, A&A, 555, 112
- Pérez-González, P.G., Cava, A., Barro, G., Villar, V., Cardiel, N., Ferreras, I., Rodríguez-Espinosa, J.M., Alonso-Herrero, A., Balcells, M., Cenarro, J., Cepa, J., Charlot, S., Cimatti, A., Conselice, C.J., Daddi, E., Donley, J., Elbaz, D., Espino, N., Gallego, J., Gobat, R., González-Martín, O., Guzmán, R., Hernán-Caballero, A., Muñoz-Tuñón, C., Renzini, A., Rodríguez-Zaurín, J., Tresse, L., Trujillo, I. & Zamorano, J. 2013, *SHARDS: An Optical Spectro-photometric Survey of Distant Galaxies*, ApJ, 762, 46
- Pérez-Montero, E., Contini, T., Lamareille, F., Maier, C., Carollo, C.M., Kneib, J.-P., Le Fèvre, O., Lilly, S., Mainieri, V., Renzini, A., Scudeggio, M., Zamorani, G., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Kovač, K., Le Borgne, J.-F., Le Brun, V., Mignoli, M., Pellò, R., Peng, Y., Presotto, V., Ricciardelli, E., Silverman, J.D., Tanaka, M., Tasca, L.A.M., Tresse, L., Vergani, D., Zucca, E., 2013, *The cosmic evolution of oxygen and nitrogen abundances in star-forming galaxies over the past 10 Gyr*, A&A, 549, 25
- Perley, D.A., Levan, A.J., Tanvir, N.R., Cenko, S.B., Bloom, J.S., Hjorth, J., Krühler, T., Filippenko, A.V., Fruchter, A., Fynbo, J.P.U., Jakobsson, P., Kalirai, J., Milvang-Jensen, B., Morgan, A.N., Prochaska, J.X. & Silverman, J.M. 2013, *A Population of Massive, Luminous Galaxies Hosting Heavily Dust-obscured Gamma-Ray Bursts: Implications for the Use of GRBs as Tracers of Cosmic Star Formation*, ApJ, 778, 128
- Perna, D., Dotto, E., Barucci, M.A., Fornasier, S., Alvarez-Candal, A., Gourgeot, F., Brucato, J.R. & Rossi, A. 2013, *Ultraviolet to near-infrared spectroscopy of the potentially hazardous, low delta-V asteroid (175706) 1996 FG3. Backup target of the sample return mission MarcoPolo-R*, A&A, 555, 62
- Péroux, C., Bouché, N., Kulkarni, V.P. & York, D.G. 2013, *A SINFONI integral field spectroscopy survey for galaxy counterparts to damped Lyman α systems - IV. Masses and gas flows*, MNRAS, 436, 2650
- Persson, M.V., Jørgensen, J.K. & van Dishoeck, E.F. 2013, *Warm water deuterium fractionation in IRAS 16293-2422. The high-resolution ALMA and SMA view*, A&A, 549, L3
- Peterson, R.C. 2013, *Molybdenum, Ruthenium, and the Heavy r-process Elements in Moderately Metal-poor Main-sequence Turnoff Stars*, ApJ, 768, L13
- Petruzzi, R., Jofré, E., Schwartz, M., Cúneo, V., Martínez, C., Gómez, M., Buccino, A.P. & Mauas, P.J.D. 2013, *No Transit Timing Variations in WASP-4*, ApJ, 779, L23
- Pietrzyński, G., Graczyk, D., Gieren, W., Thompson, I.B., Pilecki, B., Udalski, A., Soszyński, I., Kozłowski, S., Konorski, P., Suchomska, K., Bono, G., Moroni, P.G.P., Villanova, S., Nardetto, N., Bresolin, F., Kudritzki, R.P., Storm, J., Gallenne, A., Smolec, R., Minniti, D., Kubiak, M., Szymański, M.K., Poleski, R., Wyrzykowski, Ł., Ulaczyk, K., Pietrukowicz, P., Górski, M. & Karczmarek, P. 2013, *An eclipsing-binary distance to the Large Magellanic Cloud accurate to two per cent*, Natur, 495, 76
- Pilecki, B., Graczyk, D., Pietrzyński, G., Gieren, W., Thompson, I.B., Freedman, W.L., Scowcroft, V., Madore, B.F., Udalski, A., Soszyński, I., Konorski, P., Smolec, R., Nardetto, N., Bono, G., Prada Moroni, P.G., Storm, J. & Gallenne, A. 2013, *Physical parameters and the projection factor of the classical Cepheid in the binary system OGLE-LMC-CEP-0227*, MNRAS, 436, 953
- Pineda, J.S., Bottom, M. & Johnson, J.A. 2013, *Using High-resolution Optical Spectra to Measure Intrinsic Properties of Low-mass Stars: New Properties for KOI-314 and GJ 3470*, ApJ, 767, 28
- Pinilla-Alonso, N., Alvarez-Candal, A., Melita, M.D., Lorenzi, V., Licandro, J., Carvano, J., Lazzaro, D., Carraro, G., Alí-Lagoa, V., Costa, E. & Hasselmann, P.H. 2013, *Surface composition and dynamical evolution of two retrograde objects in the outer solar system: 2008 YB3 and 2005 VD*, A&A, 550, 13
- Pintos-Castro, I., Sánchez-Portal, M., Cepa, J., Santos, J.S., Altieri, B., Pérez Martínez, R., Alfaro, E.J., Bongiovanni, Á., Coia, D., Conversi, L., Domínguez-Sánchez, H., Ederoclite, A., González-Serrano, J.I., Metcalfe, L., Oteo, I., Pérez García, A.M., Polednikova, J., Rawle, T.D. & Valtchanov, I. 2013, *Multi-wavelength landscape of the young galaxy cluster RX J1257.2+4738 at z = 0.866. I. The infrared view*, A&A, 558, 100
- Piquerás López, J., Collina, L., Arribas, S. & Alonso-Herrero, A. 2013, *VLT-SINFONI integral field spectroscopy of low-z luminous and ultraluminous infrared galaxies. II. 2D extinction structure and distance effects*, A&A, 553, 85
- Pitann, J., Linz, H., Ragan, S., Stutz, A.M., Beuther, H., Henning, T., Krause, O., Launhardt, R., Schmiedeke, A., Schuller, F., Tackenberg, J. & Vasyunina, T. 2013, *G048.66-0.29: Physical State of an Isolated Site of Massive Star Formation*, ApJ, 766, 68
- Pizzella, A., Morelli, L., Corsini, E.M., Dalla Bontà, E. & Cesetti, M. 2013, *The external origin of the polar gaseous disk of the SO galaxy IC 5181*, A&A, 560, 14
- Plavchan, P., Güth, T., Laochakunakorn, N. & Parks, J.R. 2013, *The identification of 93 day periodic photometric variability for YSO YLW 16A*, A&A, 554, 110
- Podorvanyuk, N.Y., Chilingarian, I.V. & Katkov, I.Y. 2013, *A new technique for the determination of the initial mass function in unresolved stellar populations*, MNRAS, 432, 2632
- Poutanen, J., Fabrika, S., Valeev, A.F., Sholukhova, O. & Greiner, J. 2013, *On the association of the ultraluminous X-ray sources in the Antennae galaxies with young stellar clusters*, MNRAS, 432, 506
- Poznanski, D. 2013, *An emerging coherent picture of red supergiant supernova explosions*, MNRAS, 436, 3224
- Pranger, F., Böhm, A., Ferrari, C., Diaferio, A., Hunstead, R., Maurogordato, S., Benoist, C., Brinchmann, J. & Schindler, S. 2013, *The galaxy population of the complex cluster system Abell 3921*, A&A, 557, 62
- Puspitarini, L., Lallement, R. & Chen, H.-C. 2013, *Automated measurements of diffuse interstellar bands in early-type star spectra. Correlations with the color excess*, A&A, 555, 25
- Qi, C., Öberg, K.I., Wilner, D.J. & Rosenfeld, K.A. 2013, *First Detection of c-C₃H₂ in a Circumstellar Disk*, ApJ, 765, L14
- Quanz, S.P., Amara, A., Meyer, M.R., Kenworthy, M.A., Kasper, M. & Girard, J.H. 2013, *A Young Protoplanet Candidate*

- Embedded in the Circumstellar Disk of HD 100546*, ApJ, 766, L1
- Quanz, S.P., Avenhaus, H., Buerzli, E., Garufi, A., Schmid, H.M. & Wolf, S. 2013, *Gaps in the HD 169142 Protoplanetary Disk Revealed by Polarimetric Imaging: Signs of Ongoing Planet Formation?*, ApJ, 766, L2
- Rabinowitz, D., Schwamb, M.E., Hadjyska, E., Tourtellotte, S. & Rojo, P. 2013, *The Peculiar Photometric Properties of 2010 WG9: A Slowly Rotating Trans-Neptunian Object from the Oort Cloud*, AJ, 146, 17
- Rahmani, H., Wendt, M., Srianand, R., Noterdaeme, P., Petitjean, P., Molaro, P., Whitmore, J.B., Murphy, M.T., Centurion, M., Fathivavasari, H., D'Odorico, S., Evans, T.M., Levshakov, S.A., Lopez, S., Martins, C.J.A.P., Reimers, D. & Vladilo, G. 2013, *The UVES large program for testing fundamental physics - II. Constraints on a change in μ towards quasar HE 0027-1836*, MNRAS, 435, 861
- Raimundo, S.I., Davies, R.I., Gandhi, P., Fabian, A.C., Canning, R.E.A. & Ivanov, V.D. 2013, *The black hole and central stellar population of MCG-6-30-15*, MNRAS, 431, 2294
- Rajpurohit, A.S., Reylé, C., Allard, F., Homeier, D., Schultheis, M., Bessell, M.S. & Robin, A.C. 2013, *The effective temperature scale of M dwarfs*, A&A, 556, 15
- Rameau, J., Chauvin, G., Lagrange, A.-M., Klahr, H., Bonnefoy, M., Mordasini, C., Bonavita, M., Desidera, S., Dumas, C., Girard, J.H. 2013, *A survey of young, nearby, and dusty stars conducted to understand the formation of wide-orbit giant planets. VLT/NaCo adaptive optics thermal and angular differential imaging*, A&A, 553, 60
- Rameau, J., Chauvin, G., Lagrange, A.-M., Meshkat, T., Boccaletti, A., Quanz, S.P., Currie, T., Mawet, D., Girard, J.H., Bonnefoy, M., Kenworthy, M. 2013, *Confirmation of the Planet around HD 95086 by Direct Imaging*, ApJ, 779, L26
- Rameau, J., Chauvin, G., Lagrange, A.-M., Boccaletti, A., Quanz, S.P., Bonnefoy, M., Girard, J.H., Delorme, P., Desidera, S., Klahr, H., Mordasini, C., Dumas, C., Bonavita, M. 2013, *Discovery of a Probable 4-5 Jupiter-mass Exoplanet to HD 95086 by Direct Imaging*, ApJ, 772, L15
- Ramírez, I., Allende Prieto, C. & Lambert, D.L. 2013, *Oxygen Abundances in Nearby FGK Stars and the Galactic Chemical Evolution of the Local Disk and Halo*, ApJ, 764, 78
- Ramírez-Agudelo, O.H., Simón-Díaz, S., Sana, H., de Koter, A., Sabín-Sanjulán, C., de Mink, S.E., Dufton, P.L., Gräfener, G., Evans, C.J., Herrero, A., Langer, N., Lennon, D.J., Maíz Apellániz, J., Markova, N., Najarro, F., Puls, J., Taylor, W.D. & Vink, J.S. 2013, *The VLT-FLAMES Tarantula Survey. XII. Rotational velocities of the single O-type stars*, A&A, 560, 29
- Randriamanakoto, Z., Escala, A., Väistönen, P., Kankare, E., Kotilainen, J., Mattila, S. & Ryder, S. 2013, *Near-infrared Adaptive Optics Imaging of Infrared Luminous Galaxies: The Brightest Cluster Magnitude-Star Formation Rate Relation*, ApJ, 775, L38
- Randriamanakoto, Z., Väistönen, P., Ryder, S., Kankare, E., Kotilainen, J. & Mattila, S. 2013, *The K-band luminosity functions of super star clusters in luminous infrared galaxies, their slopes and the effects of blending*, MNRAS, 431, 554
- Rangel, C., Nandra, K., Laird, E.S. & Orange, P. 2013, *X-ray properties of BzK-selected galaxies in the deepest X-ray fields*, MNRAS, 428, 3089
- Rapoport, S., Onken, C.A., Wyithe, J.S.B., Schmidt, B.P. & Thygesen, A.O. 2013, *On the Significance of the Excess Number of Strong Mg II Absorbers Observed toward Gamma-Ray Bursts*, ApJ, 766, 23
- Ratajczak, M., Helminiak, K.G., Konacki, M. & Jordán, A. 2013, *Orbital and physical parameters of eclipsing binaries from the ASAS catalogue - V. Investigation of subgiants and giants: the case of ASAS J010538-8003.7, ASAS J182510-2435.5 and V1980 Sgr*, MNRAS, 433, 2357
- Ratti, E.M., van Grunsven, T.F.J., Jonker, P.G., Britt, C.T., Hynes, R.I., Steeghs, D., Greiss, S., Torres, M.A.P., Maccarone, T.J., Groot, P.J., Knigge, C., Gossen, L., Mikles, V., Villar, V.A. & Collazzi, A.C. 2013, *CXOGBS J174444.7-260330: a new long orbital period cataclysmic variable in a low state*, MNRAS, 428, 3543
- Ratti, E.M., van Grunsven, T.F.J., Torres, M.A.P., Jonker, P.G., Miller-Jones, J.C.A., Hessels, J.W.T., Van Winckel, H., van der Sluys, M. & Nelemans, G. 2013, *IGR J19308+0530: Roche lobe overflow on to a compact object from a donor 1.8 times as massive*, MNRAS, 431, L10
- Rauch, C., Mužić, K., Eckart, A., Buchholz, R.M., García-Marín, M., Sabha, N., Straubmeier, C., Valencia-S., M. & Yazici, S. 2013, *A peek behind the dusty curtain: KS-band polarization photometry and bow shock models of the Galactic center source IRS 8*, A&A, 551, 35
- Rauch, M., Becker, G.D., Haehnelt, M.G., Carswell, R.F. & Gauthier, J.-R. 2013, *A $z = 3.045$ Ly α emitting halo hosting a QSO and a possible candidate for AGN-triggered star formation*, MNRAS, 431, L68
- Razzano, M., Mignani, R.P., Marelli, M. & de Luca, A. 2013, *New VLT observations of the Fermi pulsar PSR J1048-5832*, MNRAS, 428, 3636
- Rees, B. & Zijlstra, A.A. 2013, *Alignment of the angular momentum vectors of planetary nebulae in the Galactic Bulge*, MNRAS, 435, 975
- Reichardt, C.L., Stalder, B., Bleem, L.E., Montroy, T.E., Aird, K.A., Andersson, K., Armstrong, R., Ashby, M.L.N., Bautz, M., Bayliss, M., Bazin, G., Benson, B.A., Brodwin, M., Carlstrom, J.E., Chang, C.L., Cho, H.M., Clocchiatti, A., Crawford, T.M., Crites, A.T., de Haan, T., Desai, S., Dobbs, M.A., Dudley, J.P., Foley, R.J., Forman, W.R., George, E.M., Gladders, M.D., Gonzalez, A.H., Halverson, N.W., Harrington, N.L., High, F.W., Holder, G.P., Holzapfel, W.L., Hoover, S., Hruubes, J.D., Jones, C., Joy, M., Keisler, R., Knox, L., Lee, A.T., Leitch, E.M., Liu, J., Lueker, M., Luong-Van, D., Mantz, A., Marrone, D.P., McDonald, M., McMahon, J.J., Mehl, J., Meyer, S.S., Mocanu, L., Mohr, J.J., Murray, S.S., Natoli, T., Padin, S., Plagge, T., Pryke, C., Rest, A., Ruel, J., Ruhl, J.E., Saliwanchik, B.R., Saro, A., Sayre, J.T., Schaffer, K.K., Shaw, L., Shirokoff, E., Song, J., Spieler, H.G., Staniszewski, Z., Stark, A.A., Story, K., Stubbs, C.W., Šuhada, R., van Engelen, A., Vanderlinde, K., Vieira, J.D., Vikhlinin, A., Williamson, R., Zahn, O. & Zenteno, A. 2013, *Galaxy Clusters Discovered via the Sunyaev-Zel'dovich Effect in the First 720 Square Degrees of the South Pole Telescope Survey*, ApJ, 763, 127
- Reiners, A., Shulyak, D., Anglada-Escudé, G., Jeffers, S.V., Morin, J., Zechmeister, M., Kochukhov, O. & Piskunov, N. 2013, *Radial velocity signatures of Zeeman broadening*, A&A, 552, 103
- Reipurth, B., Bally, J., Aspin, C., Connelley, M.S., Geballe, T.R., Kraus, S., Appenzeller, I. & Burgasser, A. 2013, *HH 222: A Giant Herbig-Haro Flow from the Quadruple System V380 Ori*, AJ, 146, 118
- Ribeiro, T., Baptista, R., Kafka, S., Dufour, P., Gianninas, A. & Fontaine, G. 2013, *Accretion and activity on the post-common-envelope binary RR Caeli*, A&A, 556, 34
- Richer, M.G., Georgiev, L., Arrieta, A. & Torres-Peimbert, S. 2013, *The Discrepant Kinematics of ORLs and CELs in NGC 7009 as a Function of Ionization Structure*, ApJ, 773, 133
- Richichi, A., Fors, O., Cusano, F. & Moerchen, M. 2013, *Twenty-five Subarcsecond Binaries Discovered by Lunar Occultations*, AJ, 146, 59
- Richter, P., Fox, A.J., Wakker, B.P., Lehner, N., Howk, J.C., Bland-Hawthorn, J., Ben Bekhti, N. & Fechner, C. 2013, *The COS/UVES Absorption Survey of the Magellanic Stream. II. Evidence for a Complex Enrichment History of the Stream from the Fairall 9 Sightline*, ApJ, 772, 111
- Rigliaco, E., Pascucci, I., Gorti, U., Edwards, S. & Hollenbach, D. 2013, *Understanding the Origin of the [O I] Low-velocity Component from T Tauri Stars*, ApJ, 772, 60
- Rivinius, T., Townsend, R.H.D., Kochukhov, O., Štefl, S., Baade, D., Barrera, L. & Szeifert, T. 2013, *Basic parameters and properties of the rapidly rotating magnetic helium-strong B star HR 7355*, MNRAS, 429, 177

- Rivinius, T., Baade, D., Townsend, R.H.D., Carciofi, A.C. & Štefl, S. 2013, *Variable rotational line broadening in the Be star Achernar*, A&A, 559, L4
- Rocca-Volmerange, B., Drouart, G., De Breuck, C., Vernet, J., Seymour, N., Wylezalek, D., Lehnert, M., Nesvadba, N. & Fioc, M. 2013, *Starburst and old stellar populations in the z ~ 3.8 radio galaxies 4C 41.17 and TN J2007-1316*, MNRAS, 429, 2780
- Roccatagliata, V., Preibisch, T., Ratzka, T. & Gaczkowski, B. 2013, *Herschel far-infrared observations of the Carina Nebula complex. III. Detailed cloud structure and feedback effects*, A&A, 554, 6
- Rodríguez Hidalgo, P., Eracleous, M., Charlton, J., Hamann, F., Murphy, M.T. & Nestor, D. 2013, *Discovery of the Transition of a Mini-broad Absorption Line into a Broad Absorption Line in the SDSS Quasar J115122.14+020426.3*, ApJ, 775, 14
- Rojas, M., Drake, N.A., Pereira, C.B. & Kholtygin, A.F. 2013, *Physical Parameters and Chemical Composition of a Group of Mild Barium Stars*, Ap, 56, 57
- Rollinde, E., Theuns, T., Schaye, J., Pâris, I. & Petitjean, P. 2013, *Sample variance and Lyman α forest transmission statistics*, MNRAS, 428, 540
- Rosario, D.J., Santini, P., Lutz, D., Netzer, H., Bauer, F.E., Berta, S., Magnelli, B., Popesso, P., Alexander, D.M., Brandt, W.N., Genzel, R., Maiolino, R., Mullaney, J.R., Nordon, R., Saintonge, A., Tacconi, L. & Wuyts, S. 2013, *Nuclear Activity is More Prevalent in Star-forming Galaxies*, ApJ, 771, 63
- Rosario, D.J., Trakhtenbrot, B., Lutz, D., Netzer, H., Trump, J.R., Silverman, J.D., Schramm, M., Lusso, E., Berta, S., Bongiorno, A., Brusa, M., Förster-Schreiber, N.M., Genzel, R., Lilly, S., Magnelli, B., Mainieri, V., Maiolino, R., Merlini, A., Mignoli, M., Nordon, R., Popesso, P., Salvato, M., Santini, P., Tacconi, L.J. & Zamorani, G. 2013, *The mean star-forming properties of QSO host galaxies*, A&A, 560, 72
- Rosario, D.J., Mozena, M., Wuyts, S., Nandra, K., Koekemoer, A., McGrath, E., Hathi, N.P., Dekel, A., Donley, J., Dunlop, J.S., Faber, S.M., Ferguson, H., Giavalisco, M., Grogin, N., Guo, Y., Kocevski, D.D., Koo, D.C., Laird, E., Newman, J., Rangel, C. & Somerville, R. 2013, *X-Ray Selected AGN Host Galaxies are Similar to Inactive Galaxies out to z = 3: Results from CANDELS/CDF-S*, ApJ, 763, 59
- Rosenberg, M.J.F., van der Werf, P.P. & Israel, F.P. 2013, *The excitation of near-infrared H2 emission in NGC 253*, A&A, 550, 12
- Rosenfeld, K.A., Andrews, S.M., Hughes, A.M., Wilner, D.J. & Qi, C. 2013, *A Spatially Resolved Vertical Temperature Gradient in the HD 163296 Disk*, ApJ, 774, 16
- Roy, R., Kumar, B., Maund, J.R., Schady, P., Olivares, E.F., Malesani, D., Leloudas, G., Nandi, S., Tanvir, N., Milisavljevic, D., Hjorth, J., Misra, K., Kumar, B., Pandey, S.B., Sagar, R. & Chandola, H.C. 2013, *SN 2007uy - metamorphosis of an aspheric Type Ib explosion*, MNRAS, 434, 2032
- Rusli, S.P., Erwin, P., Saglia, R.P., Thomas, J., Fabricius, M., Bender, R. & Nowak, N. 2013, *Depleted Galaxy Cores and Dynamical Black Hole Masses*, AJ, 146, 160
- Rusli, S.P., Thomas, J., Saglia, R.P., Fabricius, M., Erwin, P., Bender, R., Nowak, N., Lee, C.H., Riffeser, A. & Sharp, R. 2013, *The Influence of Dark Matter Halos on Dynamical Estimates of Black Hole Mass: 10 New Measurements for High- σ Early-type Galaxies*, AJ, 146, 45
- Rusomarov, N., Kochukhov, O., Piskunov, N., Jeffers, S.V., Johns-Krull, C.M., Keller, C.U., Makaganiuk, V., Rodenhuis, M., Snik, F., Stempels, H.C. & Valenti, J.A. 2013, *Three-dimensional magnetic and abundance mapping of the cool Ap star HD 24712. I. Spectropolarimetric observations in all four Stokes parameters*, A&A, 558, 8
- Russell, D.M., Russell, T.D., Miller-Jones, J.C.A., O'Brien, K., Soria, R., Sivakoff, G.R., Slaven-Blair, T., Lewis, F., Markoff, S., Homan, J., Altamirano, D., Curran, P.A., Rupen, M.P., Belloni, T.M., Cadolle Bel, M., Casella, P., Corbel, S., Dhawan, V., Fender, R.P., Gallo, E., Gandhi, P., Heinz, S., Körding, E.G., Krimm, H.A., Maitra, D., Migliari, S., Remillard, R.A., Sarazin, C.L., Shahbaz, T. & Tudose, V. 2013, *An Evolving Compact Jet in the Black Hole X-Ray Binary MAXI J1836-194*, ApJ, 768, L35
- Sacuto, S., Ramstedt, S., Höfner, S., Olofsson, H., Bladh, S., Eriksson, K., Aringer, B., Klotz, D. & Maercker, M. 2013, *The wind of the M-type AGB star RT Virginis probed by VLTI/MIDI*, A&A, 551, 72
- Sahai, R., Vlemmings, W.H.T., Huggins, P.J., Nyman, L.-Å., Gonidakis, I., 2013, *ALMA Observations of the Coldest Place in the Universe: The Boomerang Nebula*, ApJ, 777, 92
- Sahlmann, J., Lazorenko, P.F., Ségransan, D., Martín, E.L., Queloz, D., Mayor, M. & Udry, S. 2013, *Astrometric orbit of a low-mass companion to an ultracool dwarf*, A&A, 556, 133
- Saito, R.K., Minniti, D., Angeloni, R., Catelan, M., Beamin, J.C., Borissova, J., Dékány, I., Kerins, E., Kurtev, R. & Mennickent, R.E. 2013, *A near-infrared catalogue of the Galactic novae in the VVV survey area*, A&A, 554, 123
- Salyk, C., Herczeg, G.J., Brown, J.M., Blake, G.A., Pontoppidan, K.M. & van Dishoeck, E.F. 2013, *Measuring Protoplanetary Disk Accretion with H I Pfund β*, ApJ, 769, 21
- Sana, H., van Boekel, T., Tramper, F., Ellerbroek, L.E., de Koter, A., Kaper, L., Moffat, A.F.J., Schnurr, O., Schneider, F.R.N. & Gies, D.R. 2013, *R144 revealed as a double-lined spectroscopic binary*, MNRAS, 432, L26
- Sana, H., de Koter, A., de Mink, S.E., Dunstall, P.R., Evans, C.J., Hénault-Brunet, V., Maíz Apellániz, J., Ramírez-Agudelo, O.H., Taylor, W.D., Walborn, N.R., Clark, J.S., Crowther, P.A., Herrero, A., Gieles, M., Langer, N., Lennon, D.J. & Vink, J.S. 2013, *The VLT-FLAMES Tarantula Survey. VIII. Multiplicity properties of the O-type star population*, A&A, 550, 107
- Sana, H., Le Bouquin, J.-B., Mahy, L., Absil, O., De Becker, M. & Gosset, E. 2013, *Three-dimensional orbits of the triple-O stellar system HD 150136*, A&A, 553, 131
- Sanchez, J.A., Michelsen, R., Reddy, V. & Nathues, A. 2013, *Surface composition and taxonomic classification of a group of near-Earth and Mars-crossing asteroids*, Icar, 225, 131
- Sanchez-Bermudez, J., Schödel, R., Alberdi, A., Barbá, R.H., Hummel, C.A., Maíz Apellániz, J. & Pott, J.-U., 2013, *Direct detection of the tertiary component in the massive multiple HD 150136 with VLTI*, A&A, 554, L4
- Sánchez-Monge, Á., Cesaroni, R., Beltrán, M.T., Kumar, M.S.N., Stanke, T., Zinnecker, H., Etoka, S., Galli, D., Hummel, C.A., Moscadelli, L., Preibisch, T., Ratzka, T., van der Tak, F.F.S., Vig, S., Walmsley, C.M. & Wang, K.-S., 2013, *A candidate circumbinary Keplerian disk in G35.20-0.74 N: A study with ALMA*, A&A, 552, L10
- Sandberg, A., Östlin, G., Hayes, M., Fathi, K., Schaerer, D., Mas-Hesse, J.M. & Rivera-Thorsen, T. 2013, *Neutral gas in Lyman-alpha emitting galaxies Haro 11 and ESO 338-IG04 measured through sodium absorption*, A&A, 552, 95
- Sandin, C., Lundqvist, P., Lundqvist, N., Björnsson, C.-I., Olofsson, G., Shibanov, Y.A., 2013, *Properties of the three-dimensional structure in the central region of the supernova remnant SNR 0540-69.3*, MNRAS, 432, 2854
- Sandrinelli, A., Treves, A., Falomo, R., Farina, E.P., Foschini, L., Landoni, M. & Sbarufatti, B. 2013, *Spectroscopy of Optically Selected BL Lac Objects and their γ-Ray Emission*, AJ, 146, 163
- Santos, J.S., Altieri, B., Popesso, P., Strazzullo, V., Valtchanov, I., Berta, S., Böhringer, H., Conversi, L., Demarco, R., Edge, A.C., Lidman, C., Lutz, D., Metcalfe, L., Mullis, C.R., Pintos-Castro, I., Sánchez-Portal, M., Rawle, T.D., Rosati, P., Swinbank, A.M. & Tanaka, M. 2013, *Dust-obscured star formation in the outskirts of XMMSL2 J2235.3-2557, a massive galaxy cluster at z = 1.4*, MNRAS, 433, 1287
- Santos, N.C., Sousa, S.G., Mortier, A., Neves, V., Adibekyan, V., Tsantaki, M., Delgado Mena, E., Bonfils, X., Israelian, G., Mayor, M. & Udry, S. 2013, *SWEET-Cat: A catalogue of parameters for Stars With Exoplanets. I. New atmospheric parameters and masses for 48 stars with planets*, A&A, 556, 150

- Sanrich, O.J.K., Pereira, C.B. & Drake, N.A. 2013, *Chemical analysis of giant stars in the young open cluster NGC 3114*, A&A, 554, 2
- Sarro, L.M., Debosscher, J., Neiner, C., Bello-García, A., González-Marcos, A., Prendes-Gero, B., Ordieres, J., León, G., Aerts, C. & de Batz, B. 2013, *Improved variability classification of CoRoT targets with Giraffe spectra*, A&A, 550, 120
- Schaerer, D., de Barros, S. & Sklias, P. 2013, *Properties of z ~ 3-6 Lyman break galaxies. I. Testing star formation histories and the SFR-mass relation with ALMA and near-IR spectroscopy*, A&A, 549, 4
- Schaffenroth, V., Geier, S., Drechsel, H., Heber, U., Wils, P., Østensen, R.H., Maxted, P.F.L. & di Scala, G. 2013, *A new bright eclipsing hot subdwarf binary from the ASAS and SuperWASP surveys*, A&A, 553, 18
- Scheerer, A.A., Ratzka, T., Schuller, P.A., Wolf, S., Mosoni, L. & Leinert, C. 2013, *Multiwavelength interferometric observations and modeling of circumstellar disks*, A&A, 555, 103
- Schirmer, M., Diaz, R., Holjhjem, K., Levenson, N.A. & Winge, C. 2013, *A Sample of Seyfert-2 Galaxies with Ultraluminous Galaxy-wide Narrow-line Regions: Quasar Light Echoes?*, ApJ, 763, 60
- Schmidt, M.R., Krejowski, J., Weselak, T. & Galazutdinov, G.A. 2013, *CN (3,0) red system features in interstellar translucent clouds*, MNRAS, 431, 1795
- Schmidt, T.O.B., Vogt, N., Neuhauser, R., Bedalov, A. & Roell, T. 2013, *New companions in the stellar systems of Di Cha, Sz 22, CHXR 32, and Cha Hα 5 in the Chamaeleon I star-forming region*, A&A, 557, 80
- Schödel, R., Yelda, S., Ghez, A., Girard, J.H., Labadie, L., Rebolo, R., Pérez-Garrido, A. & Morris, M.R. 2013, *Holographic imaging of crowded fields: high angular resolution imaging with excellent quality at very low cost*, MNRAS, 429, 1367
- Schöier, F.L., Ramstedt, S., Olofsson, H., Lindqvist, M., Bieging, J.H. & Marvel, K.B. 2013, *The abundance of HCN in circumstellar envelopes of AGB stars of different chemical type*, A&A, 550, 78
- Schramm, M. & Silverman, J.D. 2013, *The Black Hole-Bulge Mass Relation of Active Galactic Nuclei in the Extended Chandra Deep Field-South Survey*, ApJ, 767, 13
- Scoville, N., Arnouts, S., Aussel, H., Benson, A., Bongiorno, A., Bundy, K., Calvo, M.A.A., Capak, P., Carollo, M., Civano, F., Dunlop, J., Elvis, M., Faisst, A., Finoguenov, A., Fu, H., Giavalisco, M., Guo, Q., Ilbert, O., Iovino, A., Kajisawa, M., Kartaltepe, J., Leauthaud, A., Le Fèvre, O., LeFloc'h, E., Lilly, S.J., Liu, C.T.-C., Manohar, S., Massey, R., Masters, D., McCracken, H.J., Mobasher, B., Peng, Y.-J., Renzini, A., Rhodes, J., Salvato, M., Sanders, D.B., Sarvestani, B.D., Scarlata, C., Schinnerer, E., Sheth, K., Shopbell, P.L., Smolčić, V., Taniguchi, Y., Taylor, J.E., White, S.D.M., Yan, L., 2013, *Evolution of Galaxies and Their Environments at z = 0.1-3 in COSMOS*, ApJS, 206, 3
- Semaan, T., Hubert, A.M., Zorec, J., Martayan, C., Frémat, Y., Gutiérrez-Soto, J. & Fabregat, J. 2013, *Study of a sample of faint Be stars in the exofield of CoRoT. I. Spectroscopic characterization*, A&A, 551, 130
- Sharon, C.E., Baker, A.J., Harris, A.I. & Thomson, A.P. 2013, *Very Large Array Mapping of the CO(1-0) Line in SMM J14011+0252*, ApJ, 765, 6
- Shaw, M.S., Romani, R.W., Cotter, G., Healey, S.E., Michelson, P.F., Readhead, A.C.S., Richards, J.L., Max-Moerbeck, W., King, O.G. & Potter, W.J. 2013, *Spectroscopy of the Largest Ever γ-Ray-selected BL Lac Sample*, ApJ, 764, 135
- Sheets, H.A., Bolatto, A.D., van Loon, J.T., Sandstrom, K., Simon, J.D., Oliveira, J.M. & Barbá, R.H. 2013, *Dusty OB Stars in the Small Magellanic Cloud. I. Optical Spectroscopy Reveals Predominantly Main-sequence OB Stars*, ApJ, 771, 111
- Shepherd, D.S., Chandler, C.J., Cotton, B., Perley, R.A., Randall, S.K. & Remijan, A.J. 2013, *New insights into astrophysical jets with the atacama large millimeter array and the Karl G. Jansky very large array*, HEDP, 9, 26
- Shulyak, D., Ryabchikova, T. & Kochukhov, O. 2013, *Fundamental parameters of bright Ap stars from wide-range energy distributions and advanced atmospheric models*, A&A, 551, 14
- Sicilia-Aguilar, A., Henning, T., Linz, H., André, P., Stutz, A., Eiroa, C. & White, G.J. 2013, *Protostars, multiplicity, and disk evolution in the Corona Australis region: a Herschel Gould Belt Study*, A&A, 551, 34
- Sifón, C., Menanteau, F., Hasselfield, M., Marriage, T.A., Hughes, J.P., Barrientos, L.F., González, J., Infante, L., Addison, G.E., Baker, A.J., Battaglia, N., Bond, J.R., Crichton, D., Das, S., Devlin, M.J., Dunkley, J., Dünner, R., Gralla, M.B., Hajian, A., Hilton, M., Hincks, A.D., Kosowsky, A.B., Marsden, D., Moodley, K., Niemack, M.D., Nolta, M.R., Page, L.A., Partridge, B., Reese, E.D., Sehgal, N., Sievers, J., Spergel, D.N., Staggs, S.T., Thornton, R.J., Trac, H. & Wollack, E.J. 2013, *The Atacama Cosmology Telescope: Dynamical Masses and Scaling Relations for a Sample of Massive Sunyaev-Zel'dovich Effect Selected Galaxy Clusters*, ApJ, 772, 25
- Silverman, J.M., Vinko, J., Kasliwal, M.M., Fox, O.D., Cao, Y., Johansson, J., Perley, D.A., Tal, D., Wheeler, J.C., Amanullah, R., Arcavi, I., Bloom, J.S., Gal-Yam, A., Goobar, A., Kulkarni, S.R., Laher, R., Lee, W.H., Marion, G.H., Nugent, P.E. & Shivvers, I. 2013, *SN 2000cx and SN 2013bh: extremely rare, nearly twin Type Ia supernovae*, MNRAS, 436, 1225
- Simmerer, J., Feltzing, S. & Primas, F. 2013, *A study of the metal-rich, thick disk globular cluster NGC 5927. A stellar inventory*, A&A, 556, 58
- Simmerer, J., Ivans, I.I., Filler, D., Francois, P., Charbonnel, C., Monier, R. & James, G. 2013, *Star-to-star Iron Abundance Variations in Red Giant Branch Stars in the Galactic Globular Cluster NGC 3201*, ApJ, 764, L7
- Siqueira Mello, C., Spite, M., Barbuy, B., Spite, F., Caffau, E., Hill, V., Wanajo, S., Primas, F., Plez, B., Cayrel, R., Andersen, J., Nordström, B., Sneden, C., Beers, T.C., Bonifacio, P., François, P. & Molaro, P. 2013, *First stars. XVI. HST/STIS abundances of heavy elements in the uranium-rich metal-poor star CS 31082-001*, A&A, 550, 122
- Smart, R.L., Tinney, C.G., Bucciarelli, B., Marocco, F., Abbas, U., Andrei, A., Bernardi, G., Birmingham, B., Cardoso, C., Costa, E., Crosta, M.T., Daprá, M., Day-Jones, A., Goldman, B., Jones, H.R.A., Lattanzi, M.G., Leggett, S.K., Lucas, P., Mendez, R., Penna, J.L., Pinfield, D., Smith, L., Sozzetti, A. & Vecchiato, A. 2013, *NPARSEC: NTT Parallaxes of Southern Extremely Cool objects. Goals, targets, procedures and first results*, MNRAS, 433, 2054
- Smith, R.J. & Lucey, J.R. 2013, *A giant elliptical galaxy with a lightweight initial mass function*, MNRAS, 434, 1964
- Snodgrass, C., Tubiana, C., Bramich, D.M., Meech, K., Boehnhardt, H. & Barrera, L. 2013, *Beginning of activity in 67P/Churyumov-Gerasimenko and predictions for 2014-2015*, A&A, 557, 33
- Sobral, D., Swinbank, A.M., Stott, J.P., Matthee, J., Bower, R.G., Smail, I., Best, P., Geach, J.E. & Sharples, R.M. 2013, *The Dynamics of z = 0.8 Hα-selected Star-forming Galaxies from KMOS/CF-HIZELS*, ApJ, 779, 139
- Sobral, D., Smail, I., Best, P.N., Geach, J.E., Matsuda, Y., Stott, J.P., Cirasuolo, M. & Kurk, J. 2013, *A large Hα survey at z = 2.23, 1.47, 0.84 and 0.40: the 11 Gyr evolution of star-forming galaxies from HIZELS*, MNRAS, 428, 1128
- Sonnenfeld, A., Gavazzi, R., Suyu, S.H., Treu, T. & Marshall, P.J. 2013, *The SL2S Galaxy-scale Lens Sample. III. Lens Models, Surface Photometry, and Stellar Masses for the Final Sample*, ApJ, 777, 97
- Sonnenfeld, A., Treu, T., Gavazzi, R., Suyu, S.H., Marshall, P.J., Auger, M.W. & Nipoti, C. 2013, *The SL2S Galaxy-scale Lens Sample. IV. The Dependence of the Total Mass Density Profile of Early-type Galaxies on Redshift, Stellar Mass, and Size*, ApJ, 777, 98

- Soria, R., Hau, G.K.T. & Pakull, M.W. 2013, *Kinematics of the Intermediate-mass Black Hole Candidate HLX-1*, ApJ, 768, L22
- Soto, M., Barbá, R., Gunthardt, G., Minniti, D., Lucas, P., Majaess, D., Irwin, M., Emerson, J.P., Gonzalez-Solares, E., Hempel, M., Saito, R.K., Guovich, S., Roman-Lopes, A., Moni-Bidin, C., Santucho, M.V., Borissova, J., Kurtev, R., Toledo, I., Geisler, D., Dominguez, M. & Beamin, J.C. 2013, *Milky Way demographics with the VVV survey. II. Color transformations and near-infrared photometry for 136 million stars in the southern Galactic disk*, A&A, 552, 101
- Soubiran, C., Jasniewicz, G., Chemin, L., Crifo, F., Udry, S., Hestroffer, D. & Katz, D. 2013, *The catalogue of radial velocity standard stars for Gaia. I. Pre-launch release*, A&A, 552, 64
- Spite, M., Caffau, E., Bonifacio, P., Spite, F., Ludwig, H.-G., Plez, B., Christlieb, N., 2013, *Carbon-enhanced metal-poor stars: the most pristine objects?*, A&A, 552, 107
- Srianand, R., Gupta, N., Rahmani, H., Momjian, E., Petitjean, P. & Noterdaeme, P. 2013, *Parsec-scale structures and diffuse bands in a translucent interstellar medium at $z \approx 0.079$* , MNRAS, 428, 2198
- Stark, D.P., Schenker, M.A., Ellis, R., Robertson, B., McLure, R. & Dunlop, J. 2013, *Keck Spectroscopy of $3 < z < 7$ Faint Lyman Break Galaxies: The Importance of Nebular Emission in Understanding the Specific Star Formation Rate and Stellar Mass Density*, ApJ, 763, 129
- Starkenburg, E., Hill, V., Tolstoy, E., François, P., Irwin, M.J., Boschman, L., Venn, K.A., de Boer, T.J.L., Lemasle, B., Jablonka, P., Battaglia, G., Groot, P. & Kaper, L. 2013, *The extremely low-metallicity tail of the Sculptor dwarf spheroidal galaxy*, A&A, 549, 88
- Stasińska, G., Peña, M., Bresolin, F. & Tsamis, Y.G. 2013, *Planetary nebulae and H ii regions in the spiral galaxy NGC 300. Clues on the evolution of abundance gradients and on AGB nucleosynthesis*, A&A, 552, 12
- Stee, P., Meiland, A., Bendjoya, P., Millour, F., Smith, M., Spang, A., Duvert, G., Hofmann, K.-H., Massi, F., 2013, *Evidence of an asymmetrical Keplerian disk in the Br I and He I emission lines around the Be star HD 110432*, A&A, 550, 65
- Steeghs, D., McClintock, J.E., Parsons, S.G., Reid, M.J., Littlefair, S. & Dhillon, V.S. 2013, *The Not-so-massive Black Hole in the Microquasar GRS1915+105*, ApJ, 768, 185
- Steele, P.R., Saglia, R.P., Burleigh, M.R., Marsh, T.R., Gänsicke, B.T., Lawrie, K., Cappetta, M., Girven, J. & Napiwotzki, R. 2013, *NLTT 5306: the shortest period detached white dwarf+brown dwarf binary*, MNRAS, 429, 3492
- Stefanon, M. & Marchesini, D. 2013, *The evolution of the rest-frame J- and H-band luminosity function of galaxies to $z=3.5$* , MNRAS, 429, 881
- Steiner, J.E., Menezes, R.B. & Amorim, D. 2013, *Identification of a high-velocity compact nebular filament 2.2 arcsec south of the Galactic Centre*, MNRAS, 431, 2789
- Stelzer, B., Alcalá, J.M., Scholz, A., Natta, A., Randich, S. & Covino, E. 2013, *X-shooter spectroscopy of FU Tauri A*, A&A, 551, 106
- Stelzer, B., Frasca, A., Alcalá, J.M., Manara, C.F., Biazzo, K., Covino, E., Rigliaco, E., Testi, L., Covino, S. & D'Elia, V. 2013, *X-shooter spectroscopy of young stellar objects. III. Photospheric and chromospheric properties of Class III objects*, A&A, 558, 141
- Stock, D.J., Peeters, E., Tielens, A.G.G.M., Otaguro, J.N. & Bik, A. 2013, *Extinction and Polycyclic Aromatic Hydrocarbon Intensity Variations across the H II Region IRAS 12063-6259*, ApJ, 771, 72
- Strassmeier, K.G., Weber, M. & Granzer, T. 2013, *Robotic observations of the most eccentric spectroscopic binary in the sky*, A&A, 559, 17
- Strazzullo, V., Gobat, R., Daddi, E., Onodera, M., Carollo, M., Dickinson, M., Renzini, A., Arimoto, N., Cimatti, A., Finoguenov, A. & Chary, R.R., 2013, *Galaxy Evolution in Overdense Environments at High Redshift: Passive Early-type Galaxies in a Cluster at $z \sim 2$* , ApJ, 772, 118
- Stutz, A.M., Tobin, J.J., Stanke, T., Megeath, S.T., Fischer, W.J., Robitaille, T., Henning, T., Ali, B., di Francesco, J., Furlan, E., Hartmann, L., Osorio, M., Wilson, T.L., Allen, L., Krause, O. & Manoj, P. 2013, *A Herschel and APEX Census of the Reddest Sources in Orion: Searching for the Youngest Protostars*, ApJ, 767, 36
- Suutarien, A., Haikala, L.K., Harju, J., Juvela, M., André, P., Kirk, J.M., Könyves, V. & White, G.J. 2013, *Determination of the far-infrared dust opacity in a prestellar core*, A&A, 555, 140
- Tabatabaei, F.S., Weiß, A., Combes, F., Henkel, C., Menten, K.M., Beck, R., Kovács, A. & Güsten, R. 2013, *Cold dust in the giant barred galaxy NGC 1365*, A&A, 555, 128
- Tacconi-Garman, L.E. & Sturm, E. 2013, *3.3 μm PAH observations of the central kiloparsecs of Centaurus A*, A&A, 551, 139
- Tackenberg, J., Beuther, H., Plume, R., Henning, T., Stil, J., Walmsley, M., Schuller, F. & Schmiedeke, A. 2013, *Triggered/sequential star formation? A multi-phase ISM study around the prominent IRDC G18.93-0.03*, A&A, 550, 116
- Tadaki, K.-i., Kodama, T., Tanaka, I., Hayashi, M. & Koyama, Y., Shimakawa, R. 2013, *Nature of H α Selected Galaxies at $z > 2$. I. Main-sequence and Dusty Star-forming Galaxies*, ApJ, 778, 114
- Taddia, F., Sollerman, J., Razza, A., Gafton, E., Pastorello, A., Fransson, C., Stritzinger, M.D., Leloudas, G. & Ergon, M. 2013, *A metallicity study of 1987A-like supernova host galaxies*, A&A, 558, 143
- Taddia, F., Stritzinger, M.D., Sollerman, J., Phillips, M.M., Anderson, J.P., Boldt, L., Campillay, A., Castellón, S., Contreras, C., Folatelli, G., Hamuy, M., Heinrich-Josties, E., Krzeminski, W., Morrell, N., Burns, C.R., Freedman, W.L., Madore, B.F., Persson, S.E. & Suntzeff, N.B. 2013, *Carnegie Supernova Project: Observations of Type IIn supernovae*, A&A, 555, 10
- Tal-Or, L., Mazeh, T., Alonso, R., Bouchy, F., Cabrera, J., Deeg, H.J., Deleuil, M., Faigler, S., Fridlund, M., Hébrard, G., Moutou, C., Santerne, A. & Tingley, B. 2013, *CoRoT 101186644: A transiting low-mass dense M-dwarf on an eccentric 20.7-day period orbit around a late F-star. Discovered in the CoRoT lightcurves*, A&A, 553, 30
- Tanaka, M., Toft, S., Marchesini, D., Zirm, A., De Breuck, C., Kodama, T., Koyama, Y., Kurk, J. & Tanaka, I. 2013, *On the Formation Timescale of Massive Cluster Ellipticals Based on Deep Near-infrared Spectroscopy at $z \sim 2$* , ApJ, 772, 113
- Tanvir, N.R., Levan, A.J., Fruchter, A.S., Hjorth, J., Hounsell, R.A., Wiersema, K. & Tunnicliffe, R.L. 2013, *A 'kilonova' associated with the short-duration γ -ray burst GRB130603B*, Natur, 500, 547
- Tappert, C., Vogt, N., Schmidtbreick, L., Ederoclite, A. & Vanderbeke, J. 2013, *Life after eruption - II. The eclipsing old nova V728 Scorpii*, MNRAS, 431, 92
- Tappert, C., Schmidtbreick, L., Vogt, N. & Ederoclite, A. 2013, *Life after eruption - III. Orbital periods of the old novae V365 Car, AR Cir, V972 Oph, HS Pup, V909 Sgr, V373 Sct and CN Vel*, MNRAS, 436, 2412
- Targett, T.A., Dunlop, J.S., Cirasuolo, M., McLure, R.J., Bruce, V.A., Fontana, A., Galmetz, A., Paris, D., Davé, R., Dekel, A., Faber, S.M., Ferguson, H.C., Grogin, N.A., Kartaltepe, J.S., Kocevski, D.D., Koekemoer, A.M., Kurczynski, P., Lai, K. & Lotz, J. 2013, *The properties of (sub-)millimetre-selected galaxies as revealed by CANDELS HST WFC3/IR imaging in GOODS-South*, MNRAS, 432, 2012
- Tatton, B.L., van Loon, J.T., Cioni, M.-R., Clementini, G., Emerson, J.P., Girardi, L., de Grijs, R., Groenewegen, M.A.T., Gullieuszik, M., Ivanov, V.D., Moretti, M.I., Ripepi, V., Ruble, S. 2013, *The VMC survey. VII. Reddening map of the 30 Doradus field and the structure of the cold interstellar medium*, A&A, 554, 33
- Taubenberger, S., Kromer, M., Pakmor, R., Pignata, G., Maeda, K., Hachinger, S., Leibundgut, B. & Hillebrandt, W. 2013, *[O I] $\lambda\lambda 6300, 6364$ in the Nebular Spectrum of a Subluminous Type Ia Supernova*, ApJ, 775, L43

- Taubenberger, S., Kromer, M., Hachinger, S., Mazzali, P.A., Benetti, S., Nugent, P.E., Scalzo, R.A., Pakmor, R., Stanishev, V., Spyromilio, J., Bufano, F., Sim, S.A., Leibundgut, B. & Hillebrandt, W. 2013, 'Super-Chandrasekhar' Type Ia Supernovae at nebular epochs, *MNRAS*, 432, 3117
- Thöne, C.C., Fynbo, J.P.U., Goldoni, P., de Ugarte, A.P., Campana, S., Vergani, S.D., Covino, S., Krühler, T., Kaper, L., Tanvir, N., Zafar, T., D'Elia, V., Gorosabel, J., Greiner, J., Groot, P., Hammer, F., Jakobsson, P., Klose, S., Levan, A.J., Milvang-Jensen, B., Nicuesa, A.G., Palazzi, E., Piranomonte, S., Tagliaferri, G., Watson, D., Wiersema, K. & Wijers, R.A.M.J. 2013, GRB 100219A with X-shooter - abundances in a galaxy at $z = 4.7$, *MNRAS*, 428, 3590
- Timerson, B., Brooks, J., Conard, S., Dunham, D.W., Herald, D., Tolea, A. & Marchis, F. 2013, Occultation evidence for a satellite of the Trojan asteroid (911) Agamemnon, *P&SS*, 87, 78
- Titov, O., Stanford, L.M., Johnston, H.M., Pursimo, T., Hunstead, R.W., Jauncey, D.L., Maslennikov, K. & Boldycheva, A. 2013, Optical Spectra of Candidate International Celestial Reference Frame (ICRF) Flat-spectrum Radio Sources, *AJ*, 146, 10
- Tomasella, L., Cappellaro, E., Fraser, M., Pumo, M.L., Pastorello, A., Pignata, G., Benetti, S., Bufano, F., Dennefeld, M., Harutyunyan, A., Iijima, T., Jerkstrand, A., Kankare, E., Kotak, R., Magill, L., Nascimbeni, V., Ochner, P., Siviero, A., Smartt, S., Sollerman, J., Stanishev, V., Taddia, F., Taubenberger, S., Turatto, M., Valenti, S., Wright, D.E. & Zampieri, L. 2013, Comparison of progenitor mass estimates for the Type IIP SN 2012A, *MNRAS*, 434, 1636
- Torres-Flores, S., Barbá, R., Maíz Apellániz, J., Rubio, M., Bosch, G., Hénault-Brunet, V. & Evans, C.J. 2013, Studying the kinematics of the giant star-forming region 30 Doradus . I. The data, *A&A*, 555, 60
- Townsend, L.J., Drave, S.P., Hill, A.B., Coe, M.J., Corbet, R.H.D., Bird, A.J. & Schurch, M.P.E. 2013, Contrasting behaviour from two Be/X-ray binary pulsars: insights into differing neutron star accretion modes, *MNRAS*, 433, 23
- Tozzi, G.P., Epifani, E.M., Hainaut, O.R., Patriarchi, P., Lara, L., Brucato, J.R., Boehnhardt, H., Bó, M.D., Licandro, J., Meech, K. & Tanga, P. 2013, Activity of Comet 103P/Hartley 2 at the time of the EPOXI mission fly-by, *Icar*, 222, 766
- Tramper, F., Gräfener, G., Hartoog, O.E., Sana, H., de Koter, A., Vink, J.S., Ellerbroek, L.E., Langer, N., Garcia, M., Kaper, L. & de Mink, S.E. 2013, On the nature of WO stars: a quantitative analysis of the WO3 star DR1 in IC 1613, *A&A*, 559, 72
- Tregloan-Reed, J. & Southworth, J. 2013, An extremely high photometric precision in ground-based observations of two transits in the WASP-50 planetary system, *MNRAS*, 431, 966
- Tregloan-Reed, J., Southworth, J. & Tappert, C. 2013, Transits and starspots in the WASP-19 planetary system, *MNRAS*, 428, 3671
- Triaud, A.H.M.J., Hebb, L., Anderson, D.R., Cargile, P., Collier Cameron, A., Doyle, A.P., Faedi, F., Gillon, M., Gomez Maqueo Chew, Y., Hellier, C., Jehin, E., Maxted, P., Naef, D., Pepe, F., Pollacco, D., Queloz, D., Ségransan, D., Smalley, B., Stassun, K., Udry, S. & West, R.G. 2013, The EBLM project. I. Physical and orbital parameters, including spin-orbit angles, of two low-mass eclipsing binaries on opposite sides of the brown dwarf limit, *A&A*, 549, 18
- Triaud, A.H.M.J., Anderson, D.R., Collier Cameron, A., Doyle, A.P., Fumel, A., Gillon, M., Hellier, C., Jehin, E., Lendl, M., Lovis, C., Maxted, P.F.L., Pepe, F., Pollacco, D., Queloz, D., Ségransan, D., Smalley, B., Smith, A.M.S., Udry, S., West, R.G. & Wheatley, P.J. 2013, WASP-80b: a gas giant transiting a cool dwarf, *A&A*, 551, 80
- Tsamis, Y.G., Flores-Fajardo, N., Henney, W.J., Walsh, J.R. & Mesa-Delgado, A. 2013, Chemical abundances in Orion protoplanetary discs: integral field spectroscopy and photoevaporation models of HST 10, *MNRAS*, 430, 3406
- Tsantaki, M., Sousa, S.G., Adibekyan, V.Z., Santos, N.C., Mortier, A. & Israelian, G. 2013, Deriving precise parameters for cool solar-type stars. Optimizing the iron line list, *A&A*, 555, 150
- Tuomi, M., Anglada-Escudé, G., Gerlach, E., Jones, H.R.A., Reiners, A., Rivera, E.J., Vogt, S.S. & Butler, R.P. 2013, Habitable-zone super-Earth candidate in a six-planet system around the K2.5V star HD 40307, *A&A*, 549, 48
- Tuomi, M., Jones, H.R.A., Jenkins, J.S., Tinney, C.G., Butler, R.P., Vogt, S.S., Barnes, J.R., Wittenmyer, R.A., O'Toole, S., Horner, J., Bailey, J., Carter, B.D., Wright, D.J., Salter, G.S. & Pinfield, D. 2013, Signals embedded in the radial velocity noise. Periodic variations in the τ Ceti velocities, *A&A*, 551, 79
- Tuomi, M. & Anglada-Escudé, G. 2013, Up to four planets around the M dwarf GJ 163. Sensitivity of Bayesian planet detection criteria to prior choice, *A&A*, 556, 111
- Tylenda, R., Kamiński, T., Udalski, A., Soszyński, I., Poleski, R., Szymański, M.K., Kubiałk, M., Pietrzyński, G., Kozłowski, S., Pietrukowicz, P., Ulaczyk, K. & Wyrykowski, Ł. 2013, OGLE-2002-BLG-360: from a gravitational microlensing candidate to an overlooked red transient, *A&A*, 555, 16
- Tyndall, A.A., Jones, D., Boffin, H.M.J., Miszalski, B., Faedi, F., Lloyd, M., Boumis, P., López, J.A., Martell, S., Pollacco, D. & Santander-García, M. 2013, Two rings but no fellowship: LoTr 1 and its relation to planetary nebulae possessing barium central stars, *MNRAS*, 436, 2082
- Urquhart, J.S., Moore, T.J.T., Schuller, F., Wyrowski, F., Menten, K.M., Thompson, M.A., Csengeri, T., Walmsley, C.M., Bronfman, L. & König, C. 2013, ATLASGAL - environments of 6.7 GHz methanol masers, *MNRAS*, 431, 1752
- Urquhart, J.S., Thompson, M.A., Moore, T.J.T., Purcell, C.R., Hoare, M.G., Schuller, F., Wyrowski, F., Csengeri, T., Menten, K.M., Lumsden, S.L., Kurtz, S., Walmsley, C.M., Bronfman, L., Morgan, L.K., Eden, D.J. & Russeil, D. 2013, ATLASGAL - properties of compact H II regions and their natal clumps, *MNRAS*, 435, 400
- Vaduvescu, O., Popescu, M., Comsa, I., Paraschiv, A., Lacatus, D., Sonka, A., Tudorica, A., Birlan, M., Suciu, O., Char, F., Constantinescu, M., Badescu, T., Badea, M., Vidican, D. & Opriseanu, C. 2013, Mining the ESO WFI and INT WFC archives for known Near Earth Asteroids. Mega-Precovrey software, *AN*, 334, 718
- Valenti, E., Zoccali, M., Renzini, A., Brown, T.M., Gonzalez, O.A., Minniti, D., Debattista, V.P. & Mayer, L. 2013, Stellar ages through the corners of the boxy bulge, *A&A*, 559, 98
- Vamvatira-Nakou, C., Hutsemékers, D., Royer, P., Nazé, Y., Magain, P., Exter, K., Waelkens, C. & Groenewegen, M.A.T. 2013, Herschel imaging and spectroscopy of the nebula around the luminous blue variable star WRAY 15-751, *A&A*, 557, 20
- van Aarle, E., Van Winckel, H., De Smedt, K., Kamath, D. & Wood, P.R. 2013, Detailed abundance study of four s-process enriched post-AGB stars in the Large Magellanic Cloud, *A&A*, 554, 106
- van de Sande, J., Kriek, M., Franx, M., van Dokkum, P.G., Bezanson, R., Bouwens, R.J., Quadri, R.F., Rix, H.-W., Skelton, R.E. 2013, Stellar Kinematics of $z \sim 2$ Galaxies and the Inside-out Growth of Quiescent Galaxies, *ApJ*, 771, 85
- van der Burg, R.F.J., Muzzin, A., Hoekstra, H., Lidman, C., Rettura, A., Wilson, G., Yee, H.K.C., Hildebrandt, H., Marchesini, D., Stefanon, M., Demarco, R. & Kuijken, K. 2013, The environmental dependence of the stellar mass function at $z \sim 1$. Comparing cluster and field between the GCLASS and UltraVISTA surveys, *A&A*, 557, 15
- van der Marel, N., Kristensen, L.E., Visser, R., Mottram, J.C., Yıldız, U.A. & van Dishoeck, E.F. 2013, Outflow forces of low-mass embedded objects in Ophiuchus: a quantitative comparison of analysis methods, *A&A*, 556, 76
- van der Marel, N., van Dishoeck, E.F., Bruderer, S., Birnstiel, T., Pinilla, P., Dullemond, C.P., van Kempen, T.A., Schmalzl, M., Brown, J.M., Herczeg, G.J., Matthews, G.S. & Geers, V. 2013, A Major Asymmetric Dust Trap in a Transition Disk, *Sci*, 340, 1199
- Van der Swaelmen, M., Hill, V., Primas, F. & Cole, A.A. 2013, Chemical abundances in LMC stellar populations. II. The bar sample, *A&A*, 560, 44

- van der Tak, F.F.S., Chavarría, L., Herpin, F., Wyrowski, F., Walmsley, C.M., van Dishoeck, E.F., Benz, A.O., Bergin, E.A., Caselli, P., Hogerheijde, M.R., Johnstone, D., Kristensen, L.E., Liseau, R., Nisini, B. & Tafalla, M. 2013, *Water in star-forming regions with Herschel (WISH). IV. A survey of low-J H₂O line profiles toward high-mass protostars*, A&A, 554, 83
- Van Dyk, S.D. 2013, *An Echo of Supernova 2008bk*, AJ, 146, 24
- van Loon, J.T., Bailey, M., Tatton, B.L., Maíz Apellániz, J., Crowther, P.A., de Koter, A., Evans, C.J., Hénault-Brunet, V., Howarth, I.D., Richter, P., Sana, H., Simón-Díaz, S., Taylor, W. & Walborn, N.R. 2013, *The VLT-FLAMES Tarantula Survey. IX. The interstellar medium seen through diffuse interstellar bands and neutral sodium*, A&A, 550, 108
- van Weeren, R.J., Fogarty, K., Jones, C., Forman, W.R., Clarke, T.E., Brüggen, M., Kraft, R.P., Lal, D.V., Murray, S.S. & Röttgering, H.J.A. 2013, *Complex Diffuse Radio Emission in the Merging Planck ESZ Cluster A3411*, ApJ, 769, 101
- Vaňko, M., Eiff, M.A.-v., Pribulla, T., Chini, R., Covino, E. & Neuhäuser, R. 2013, *The eclipsing binary TY CrA revisited: what near-IR light curves tell us*, MNRAS, 431, 2230
- Vasilopoulos, G., Maggi, P., Haberl, F., Sturm, R., Pietsch, W., Bartlett, E.S. & Coe, M.J. 2013, *Swift J053041.9-665426, a new Be/X-ray binary pulsar in the Large Magellanic Cloud*, A&A, 558, 74
- Vásquez, S., Zoccali, M., Hill, V., Renzini, A., González, O.A., Gardner, E., Debattista, V.P., Robin, A.C., Rejkuba, M., Baffico, M., Monelli, M., Motta, V. & Minniti, D. 2013, *3D kinematics through the X-shaped Milky Way bulge*, A&A, 555, 91
- Venemans, B.P., Findlay, J.R., Sutherland, W.J., De Rosa, G., McMahon, R.G., Simcoe, R., González-Solares, E.A., Kuijken, K. & Lewis, J.R. 2013, *Discovery of Three z > 6.5 Quasars in the VISTA Kilo-Degree Infrared Galaxy (VIKING) Survey*, ApJ, 779, 24
- Vennes, S. & Kawka, A. 2013, *The Polluted Atmosphere of the White Dwarf NLTT 25792 and the Diversity of Circumstellar Environments*, ApJ, 779, 70
- Viaux, N., Catelan, M., Stetson, P.B., Raffelt, G.G., Redondo, J., Valcarce, A.A.R. & Weiss, A. 2013, *Particle-physics constraints from the globular cluster M5: neutrino dipole moments*, A&A, 558, 12
- Vicente, S., Berné, O., Tielens, A.G.G.M., Huélamo, N., Pantin, E., Kamp, I. & Carmona, A. 2013, *Polycyclic Aromatic Hydrocarbon Emission in the Proplyd HST10: What is the Mechanism behind Photoevaporation?*, ApJ, 765, L38
- Videla, L., Lira, P., Andrews, H., Alonso-Herrero, A., Alexander, D.M. & Ward, M. 2013, *Nuclear Infrared Spectral Energy Distribution of Type II Active Galactic Nuclei*, ApJS, 204, 23
- Vieira, J.D., Marrone, D.P., Chapman, S.C., De Breuck, C., Hezaveh, Y.D., Weiβ, A., Aguirre, J.E., Aird, K.A., Aravena, M., Ashby, M.L.N., Bayliss, M., Benson, B.A., Biggs, A.D., Bleem, L.E., Bock, J.J., Bothwell, M., Bradford, C.M., Brodwin, M., Carlstrom, J.E., Chang, C.L., Crawford, T.M., Crites, A.T., de Haan, T., Dobbs, M.A., Fomalont, E.B., Fassnacht, C.D., George, E.M., Gladders, M.D., Gonzalez, A.H., Greve, T.R., Gullberg, B., Halverson, N.W., High, F.W., Holder, G.P., Holzapfel, W.L., Hoover, S., Hrubes, J.D., Hunter, T.R., Keisler, R., Lee, A.T., Leitch, E.M., Lueker, M., Luong-van, D., Malkan, M., McIntyre, V., McMahon, J.J., Mehl, J., Menten, K.M., Meyer, S.S., Moanu, L.M., Murphy, E.J., Natoli, T., Padin, S., Plagge, T., Reichardt, C.L., Rest, A., Ruel, J., Ruhl, J.E., Sharon, K., Schaffer, K.K., Shaw, L., Shirokoff, E., Spilker, J.S., Stalder, B., Staniszewski, Z., Stark, A.A., Story, K., Vanderlinde, K., Welikala, N. & Williamson, R. 2013, *Dusty starburst galaxies in the early Universe as revealed by gravitational lensing*, Natur, 495, 344
- Villanova, S., Geisler, D., Carraro, G., Moni Bidin, C. & Muñoz, C. 2013, *Ruprecht 106: The First Single Population Globular Cluster?*, ApJ, 778, 186
- Villanueva, G.L., Mumma, M.J., Novak, R.E., Radeva, Y.L., Käufl, H.U., Smette, A., Tokunaga, A., Khayat, A., Encrenaz, T. & Hartogh, P. 2013, *A sensitive search for organics (CH₄, CH₃OH, H₂CO, C₂H₆, C₂H₂, C₂H₄), hydroperoxyl (HO₂), nitrogen compounds (N₂O, NH₃, HCN) and chlorine species (HCl, CH₃Cl) on Mars using ground-based high-resolution infrared spectroscopy*, Icar, 223, 11
- Vincent, J.-B., Lara, L.M., Tozzi, G.P. & Lin, Z.-Y., Sierks, H., 2013, *Spin and activity of comet 67P/Churyumov-Gerasimenko*, A&A, 549, 121
- Vitale, M., Mignoli, M., Cimatti, A., Lilly, S.J., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fevre, O., Mainieri, V., Renzini, A., Scuderi, M., Zamorani, G., Bardelli, S., Barnes, L., Bolzonella, M., Bongiorno, A., Bordoloi, R., Bschorr, T.J., Cappi, A., Caputi, K., Coppa, G., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Koekemoer, A.M., Kováč, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., López-Sanjuan, C., Maier, C., McCracken, H.J., Moresco, M., Nair, P., Oesch, P.A., Pello, R., Peng, Y., Pérez Montero, E., Pozzetti, L., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Welikala, N., Zucca, E., 2013, *Investigating the relationship between AGN activity and stellar mass in zCOSMOS galaxies at 0 < z < 1 using emission-line diagnostic diagrams*, A&A, 556, 11
- Vlemmings, W.H.T., Maercker, M., Lindqvist, M., Mohamed, S., Olofsson, H., Ramstedt, S., Brunner, M., Groenewegen, M.A.T., Kerschbaum, F. & Wittkowski, M. 2013, *ALMA observations of the variable 12CO/13CO ratio around the asymptotic giant branch star R Sculptoris*, A&A, 556, L1
- Vornanen, T., Berdyugina, S.V. & Berdyugin, A. 2013, *Spectropolarimetric observations of cool DQ white dwarfs*, A&A, 557, 38
- Wahhaj, Z., Liu, M.C., Nielsen, E.L., Biller, B.A., Hayward, T.L., Close, L.M., Males, J.R., Skemer, A., Ftaclas, C., Chun, M., Thatte, N., Tecza, M., Shkolnik, E.L., Kuchner, M., Reid, I.N., de Gouveia Dal Pino, E.M., Alencar, S.H.P., Gregorio-Hetem, J., Boss, A., Lin, D.N.C. & Toomey, D.W. 2013, *The Gemini Planet-finding Campaign: The Frequency Of Giant Planets around Debris Disk Stars*, ApJ, 773, 179
- Walborn, N.R., Barbá, R.H. & Sewilo, M.M. 2013, *The Top 10 Spitzer Young Stellar Objects in 30 Doradus*, AJ, 145, 98
- Wang, S.X., Brandt, W.N., Luo, B., Smail, I., Alexander, D.M., Danielson, A.L.R., Hodge, J.A., Karim, A., Lehmer, B.D., Simpson, J.M., Swinbank, A.M., Walter, F., Wardlow, J.L., Xue, Y.Q., Chapman, S.C., Coppin, K.E.K., Dannerbauer, H., De Breuck, C., Menten, K.M. & van der Werf, P. 2013, *An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field-South: The AGN Fraction and X-Ray Properties of Submillimeter Galaxies*, ApJ, 778, 179
- Webb, N.A. & Servillat, M. 2013, *CV1 in the globular cluster M 22: confirming its nature through X-ray observations and optical spectroscopy*, A&A, 551, 60
- Wegg, C. & Gerhard, O. 2013, *Mapping the three-dimensional density of the Galactic bulge with VVV red clump stars*, MNRAS, 435, 1874
- Weidmann, W.A., Gamen, R., van Hoof, P.A.M., Zijlstra, A., Minniti, D. & Volpe, M.G. 2013, *Near-infrared photometry of Galactic planetary nebulae with the VVV Survey*, A&A, 552, 74
- Weiβ, A., De Breuck, C., Marrone, D.P., Vieira, J.D., Aguirre, J.E., Aird, K.A., Aravena, M., Ashby, M.L.N., Bayliss, M., Benson, B.A., Béthermin, M., Biggs, A.D., Bleem, L.E., Bock, J.J., Bothwell, M., Bradford, C.M., Brodwin, M., Carlstrom, J.E., Chang, C.L., Chapman, S.C., Crawford, T.M., Crites, A.T., de Haan, T., Dobbs, M.A., Downes, T.P., Fassnacht, C.D., George, E.M., Gladders, M.D., Gonzalez, A.H., Greve, T.R., Halverson, N.W., Hezaveh, Y.D., High, F.W., Holder, G.P., Holzapfel, W.L., Hoover, S., Hrubes, J.D., Husband, K., Keisler, R., Lee, A.T., Leitch, E.M., Lueker, M., Luong-Van, D., Malkan, M., McIntyre, V., McMahon, J.J., Mehl, J., Menten, K.M., Meyer, S.S., Murphy, E.J., Padin, S., Plagge, T., Reichardt, C.L., Rest, A., Rosenman, M., Ruel, J., Ruhl, J.E., Schaffer, K.K., Shirokoff, E., Spilker, J.S., Stalder, B., Staniszewski, Z., Stark, A.A., Story, K., Vanderlinde, K., Welikala, N. & Williamson, R. 2013, *ALMA Redshifts of*

- Millimeter-selected Galaxies from the SPT Survey: The Redshift Distribution of Dusty Star-forming Galaxies*, ApJ, 767, 88
- Welty, D.E., Howk, J.C., Lehner, N. & Black, J.H. 2013, *Detection of interstellar C2 and C3 in the Small Magellanic Cloud*, MNRAS, 428, 1107
- Westmoquette, M.S., Dale, J.E., Ercolano, B. & Smith, L.J. 2013, *Optical IFU observations of gas pillars surrounding the super star cluster NGC 3603*, MNRAS, 435, 30
- Wheelwright, H.E., Weigelt, G., Garatti, A.C.o. & Garcia Lopez, R. 2013, *HD 85567: A Herbig B[e] star or an interacting B[e] binary? Resolving HD 85567's circumstellar environment with the VLTI and AMBER*, A&A, 558, 116
- Williams, P.M., van der Hucht, K.A., van Wyk, F., Marang, F., Whitelock, P.A., Bouchet, P. & Gunawan, D.Y.A.S. 2013, *Long-term semiregular dust formation by the WC9+B0I system WR 70*, MNRAS, 429, 494
- Willis, J.P., Clerc, N., Bremer, M.N., Pierre, M., Adami, C., Ilbert, O., Maughan, B., Maurogordato, S., Pacaud, F., Valtchanov, I., Chiappetti, L., Thanjavur, K., Gwyn, S., Stanway, E.R. & Winkworth, C. 2013, *Distant galaxy clusters in the XMM Large Scale Structure survey*, MNRAS, 430, 134
- Willott, C.J., McLure, R.J., Hibon, P., Bielby, R., McCracken, H.J., Kreib, J.-P., Ilbert, O., Bonfield, D.G., Bruce, V.A., Jarvis, M.J., 2013, *An Exponential Decline at the Bright End of the z = 6 Galaxy Luminosity Function*, AJ, 145, 4
- Wood, M.P., Lawler, J.E., Sneden, C. & Cowan, J.J. 2013, *Improved Ti II Log(gf) Values and Abundance Determinations in the Photospheres of the Sun and Metal-Poor Star HD 84937*, ApJS, 208, 27
- Worley, C.C., Hill, V., Sobeck, J. & Carretta, E. 2013, *Ba and Eu abundances in M 15 giant stars*, A&A, 553, 47
- Wright, J.T., Roy, A., Mahadevan, S., Wang, S.X., Ford, E.B., Payne, M., Lee, B.L., Wang, J., Crepp, J.R., Gaudi, B.S., Eastman, J., Pepper, J., Ge, J., Fleming, S.W., Ghezzi, L., González-Hernández, J.I., Cargile, P., Stassun, K.G., Wisniewski, J., Dutra-Ferreira, L., Porto de Mello, G.F., Maia, M.A.G., Nicolaci da Costa, L., Ogando, R.L.C., Santiago, B.X., Schneider, D.P. & Hearty, F.R. 2013, *MARVELS-1: A Face-on Double-lined Binary Star Masquerading as a Resonant Planetary System and Consideration of Rare False Positives in Radial Velocity Planet Searches*, ApJ, 770, 119
- Xu, D., de Ugarte Postigo, A., Leloudas, G., Krühler, T., Cano, Z., Hjorth, J., Malesani, D., Fynbo, J.P.U., Thöne, C.C., Sánchez-Ramírez, R., Schulze, S., Jakobsson, P., Kaper, L., Sollerman, J., Watson, D.J., Cabrera-Lavers, A., Cao, C., Covino, S., Flores, H., Geier, S., Gorosabel, J., Hu, S.M., Milvang-Jensen, B., Sparre, M., Xin, L.P., Zhang, T.M., Zheng, W.K. & Zou, Y.C. 2013, *Discovery of the Broad-lined Type Ic SN 2013cq Associated with the Very Energetic GRB 130427A*, ApJ, 776, 98
- Yadav, R.K.S., Sariya, D.P. & Sagar, R. 2013, *Proper motions and membership probabilities of stars in the region of open cluster NGC 3766*, MNRAS, 430, 3350
- Yong, D., Meléndez, J., Grundahl, F., Roederer, I.U., Norris, J.E., Milone, A.P., Marino, A.F., Coelho, P., McArthur, B.E., Lind, K., Collet, R. & Asplund, M. 2013, *High precision differential abundance measurements in globular clusters: chemical inhomogeneities in NGC 6752*, MNRAS, 434, 3542
- Yong, D., Norris, J.E., Bessell, M.S., Christlieb, N., Asplund, M., Beers, T.C., Barklem, P.S., Frebel, A. & Ryan, S.G. 2013, *The Most Metal-poor Stars. II. Chemical Abundances of 190 Metal-poor Stars Including 10 New Stars with [Fe/H] <= -3.5*, ApJ, 762, 26
- Yong, D., Norris, J.E., Bessell, M.S., Christlieb, N., Asplund, M., Beers, T.C., Barklem, P.S., Frebel, A. & Ryan, S.G. 2013, *The Most Metal-poor Stars. III. The Metallicity Distribution Function and Carbon-enhanced Metal-poor Fraction*, ApJ, 762, 27
- Yuma, S., Ouchi, M., Drake, A.B., Simpson, C., Shimasaku, K., Nakajima, K., Ono, Y., Momose, R., Akiyama, M., Mori, M. & Umemura, M. 2013, *First Systematic Search for Oxygen-line Blobs at High Redshift: Uncovering AGN Feedback and Star Formation Quenching*, ApJ, 779, 53
- Yusef-Zadeh, F., Royster, M., Wardle, M., Arendt, R., Bushouse, H., Lis, D.C., Pound, M.W., Roberts, D.A., Whitney, B. & Wootten, A. 2013, *ALMA Observations of the Galactic Center: SiO Outflows and High-mass Star Formation near Sgr A**, ApJ, 767, L32
- Zafar, T., Péroux, C., Popping, A., Milliard, B., Deharveng, J.-M., Frank, S., 2013, *The ESO UVES advanced data products quasar sample. II. Cosmological evolution of the neutral gas mass density*, A&A, 556, 141
- Zafar, T., Popping, A. & Péroux, C. 2013, *The ESO UVES advanced data products quasar sample. I. Dataset and new NH I measurements of damped absorbers*, A&A, 556, 140
- Zapata, L.A., Loinard, L., Rodríguez, L.F., Hernández-Hernández, V., Takahashi, S., Trejo, A. & Parise, B. 2013, *ALMA 690 GHz Observations of IRAS 16293-2422B: Infall in a Highly Optically Thick Disk*, ApJ, 764, L14
- Zasche, P. & Wolf, M. 2013, *Apsidal motion and absolute parameters for five LMC eccentric eclipsing binaries*, A&A, 558, 51
- Zechmeister, M., Kürster, M., Endl, M., Lo Curto, G., Hartman, H., Nilsson, H., Henning, T., Hatzes, A.P. & Cochran, W.D. 2013, *The planet search programme at the ESO CES and HARPS. IV. The search for Jupiter analogues around solar-like stars*, A&A, 552, 78
- Zelaya, P., Quinn, J.R., Baade, D., Clocchiatti, A., Höflich, P., Maund, J., Patat, F., Wang, L. & Wheeler, J.C. 2013, *Spectropolarimetry of the Type Ia SN 2007sr Two Months after Maximum Light*, AJ, 145, 27
- Zhang, B., Reid, M.J., Menten, K.M., Zheng, X.W., Brunthaler, A., Dame, T.M. & Xu, Y. 2013, *Parallaxes for W49N and G048.60+0.02: Distant Star Forming Regions in the Perseus Spiral Arm*, ApJ, 775, 79
- Zhang, M., Brandner, W., Wang, H., Gennaro, M., Bik, A., Henning, T., Gredel, R., Smith, M. & Stanke, T. 2013, *Proper motions of molecular hydrogen outflows in the ρ Ophiuchi molecular cloud*, A&A, 553, 41
- Zharikov, S.V., Zyuzin, D.A., Shibanov, Y.A. & Mennickent, R.E. 2013, *The PSR J1124-5916 wind nebula in the near-infrared*, A&A, 554, 120
- Zharikov, S. & Mignani, R.P. 2013, *On the PSR B1133+16 optical counterpart*, MNRAS, 435, 2227
- Zibetti, S., Gallazzi, A., Charlot, S., Pierini, D. & Pasquali, A. 2013, *Near-infrared spectroscopy of post-starburst galaxies: a limited impact of TP-AGB stars on galaxy spectral energy distributions*, MNRAS, 428, 1479
- Ziparo, F., Popesso, P., Biviano, A., Finoguenov, A., Wuyts, S., Wilman, D., Salvato, M., Tanaka, M., Ilbert, O., Nandra, K., Lutz, D., Elbaz, D., Dickinson, M., Altieri, B., Aussel, H., Berta, S., Cimatti, A., Fadda, D., Genzel, R., Le Flo'ch, E., Magnelli, B., Nordon, R., Poglitsch, A., Pozzi, F., Portal, M.S., Tacconi, L., Bauer, F.E., Brandt, W.N., Cappelluti, N., Cooper, M.C. & Mulchaey, J.S. 2013, *The lack of star formation gradients in galaxy groups up to z ~ 1.6*, MNRAS, 434, 3089
- Zitrin, A., Menanteau, F., Hughes, J.P., Coe, D., Barrientos, L.F., Infante, L. & Mandelbaum, R. 2013, *A Highly Elongated Prominent Lens at z = 0.87: First Strong-lensing Analysis of El Gordo*, ApJ, 770, L15
- Zurlo, A., Vigan, A., Hagelberg, J., Desidera, S., Chauvin, G., Almenara, J.M., Biazzo, K., Bonnefoy, M., Carson, J.C., Covino, E., Delorme, P., D'Orazi, V., Gratton, R., Mesa, D., Messina, S., Moutou, C., Segransan, D., Turatto, M., Udry, S. & Wildi, F. 2013, *Astrophysical false positives in direct imaging for exoplanets: a white dwarf close to a rejuvenated star*, A&A, 554, 21
- Zyuzin, D., Shibanov, Y., Danilenko, A., Mennickent, R.E. & Zharikov, S. 2013, *The Vela Pulsar and Its Likely Counter-jet in the Ks Band*, ApJ, 775, 101

Peer-reviewed publications by ESO scientists

The list is sorted by first ESO author (displayed in italics). Papers that use ESO data are also included in the first part of this list ("Publications based on ESO data").

- Sahlmann, J., Henning, T., Queloz, D., Quirrenbach, A., Elias, N.M., Launhardt, R., Pepe, F., Reffert, S., Ségransan, D., Setiawan, J., Abuter, R., Andolfato, L., Bizenberger, P., Baumeister, H., Chazelas, B., Delplancke, F., Dérie, F., Di Lieto, N., Duc, T.P., Fleury, M., Graser, U., Kaminski, A., Köhler, R., Lévéque, S., Maire, C., Mégevand, D., Mérand, A., Michelod, Y., Moresmau, J.-M., Mohler, M., Müller, A., Mühlhaupt, P., Naranjo, V., Sache, L., Salvade, Y., Schmid, C., Schuhler, N., Schulze-Hartung, T., Sosnowska, D., Tubbs, B., van Belle, G.T., Wagner, K., Weber, L., Zago, L., Zimmerman, N., 2013, *The ESPRI project: astrometric exoplanet search with PRIMA. I. Instrument description and performance of first light observations*, *A&A*, 551, 52
- Aladro, R., Viti, S., Bayet, E., Riquelme, D., Martín, S., Mauersberger, R., Martín-Pintado, J., Requena-Torres, M.A., Kramer, C. & Weiß, A. 2013, *A $\lambda = 3$ mm molecular line survey of NGC 1068. Chemical signatures of an AGN environment*, *A&A*, 549, 39
- Alvarez-Candal, A. 2013, *SDSS photometry of asteroids in cometary orbits*, *A&A*, 549, 34
- Pinilla-Alonso, N., Alvarez-Candal, A., Melita, M.D., Lorenzi, V., Licandro, J., Carvano, J., Lazzaro, D., Carraro, G., Alí-Lagoa, V., Costa, E. & Hasselmann, P.H. 2013, *Surface composition and dynamical evolution of two retrograde objects in the outer solar system: 2008 YB3 and 2005 VD*, *A&A*, 550, 13
- Perna, D., Dotto, E., Barucci, M.A., Fornasier, S., Alvarez-Candal, A., Gourgeot, F., Brucato, J.R. & Rossi, A. 2013, *Ultraviolet to near-infrared spectroscopy of the potentially hazardous, low delta-V asteroid (175706) 1996 FG3. Backup target of the sample return mission MarcoPolo-R*, *A&A*, 555, 62
- de León, J., Ortiz, J.L., Pinilla-Alonso, N., Cabrera-Lavers, A., Alvarez-Candal, A., Morales, N., Duffard, R., Santos-Sanz, P., Licandro, J., Pérez-Romero, A., Lorenzi, V. & Cikota, S. 2013, *Visible and near-infrared observations of asteroid 2012 DA14 during its closest approach of February 15, 2013*, *A&A*, 555, L2
- Vio, R., Andreani, P., Ramos, E.P.R.G. & da Silva, A. 2013, *An approach to detection of point sources in very high-resolution microwave maps*, *A&A*, 556, 96
- Oteo, I., Magdis, G., Bongiovanni, Á., Pérez-García, A.M., Cepa, J., Cedrés, B., Ederoclite, A., Sánchez-Portal, M., Aguerri, J.A.L., Alfaro, E.J., Altieri, B., Andreani, P., Aparicio-Villegas, T., Aussel, H., Benítez, N., Berta, S., Broadhurst, T., Cabrera-Caño, J., Castander, F.J., Cerviño, M., Cimatti, A., Cristobal-Hornillos, D., Daddi, E., Elbaz, D., Fernandez-Soto, A., Schreiber, N.F., Genzel, R., Gonzalez-Delgado, R.M., Husillos, C., Infante, L., Le Floc'h, E., Lutz, D., Magnelli, B., Maiolino, R., Márquez, I., Martínez, V.J., Masegosa, J., Matute, I., Moles, M., Molino, A., Olmo, A.d., Perea, J., Pérez-Martínez, R., Pintos-Castro, I., Poglitsch, A., Polednikova, J., Popesso, P., Pović, M., Pozzi, F., Prada, F., Quintana, J.M., Riguccini, L., Sturm, E., Tacconi, L., Valtchanov, I. & Viironen, K. 2013, *Lyman Break and ultraviolet-selected galaxies at $z \sim 1$ - II. PACS 100 μm /160 μm FIR detections*, *MNRAS*, 435, 158
- Gruppioni, C., Pozzi, F., Rodighiero, G., Delvecchio, I., Berta, S., Pozzetti, L., Zamorani, G., Andreani, P., Cimatti, A., Ilbert, O., Le Floc'h, E., Lutz, D., Magnelli, B., Marchetti, L., Monaco, P., Nordon, R., Oliver, S., Popesso, P., Riguccini, L., Roseboom, I., Rosario, D.J., Sargent, M., Vaccari, M., Altieri, B., Aussel, H., Bongiovanni, A., Cepa, J., Daddi, E., Domínguez-Sánchez, H., Elbaz, D., Förster Schreiber, N., Genzel, R., Iribarrem, A., Magliocchetti, M., Maiolino, R., Poglitsch, A., Pérez García, A., Sanchez-Portal, M., Sturm, E., Tacconi, L., Valtchanov, I., Amblard, A., Arumugam, V., Bethermin, M., Bock, J., Boselli, A., Buat, V., Burgarella, D., Castro-Rodríguez, N., Cava, A., Chanial, P., Clements, D.L., Conley, A., Cooray, A., Dowell, C.D., Dwek, E., Eales, S., Franceschini, A., Glenn, J., Griffin, M., Hatziminaoglou, E., Ibar, E., Isaak, K., Ivison, R.J., Lagache, G., Levenson, L., Lu, N., Madden, S., Maffei, B., Mainetti, G., Nguyen, H.T., O'Halloran, B., Page, M.J., Panuzzo, P., Papageorgiou, A., Pearson, C.P., Pérez-Fournon, I., Pohlen, M., Rigopoulou, D., Rowan-Robinson, M., Schulz, B., Scott, D., Seymour, N., Shupe, D.L., Smith, A.J., Stevens, J.A., Symeonidis, M., Trichas, M., Tugwell, K.E., Vigroux, L., Wang, L., Wright, G., Xu, C.K., Zemcov, M., Bardelli, S., Carollo, M., Contini, T., Le Févre, O., Lilly, S., Mainieri, V., Renzini, A., Scudiego, M. & Zucca, E. 2013, *The Herschel PEP/HerMES luminosity function - I. Probing the evolution of PACS selected Galaxies to $z \approx 4$* , *MNRAS*, 432, 23
- Magliocchetti, M., Popesso, P., Rosario, D., Lutz, D., Aussel, H., Berta, S., Altieri, B., Andreani, P., Cepa, J., Castañeda, H., Cimatti, A., Elbaz, D., Genzel, R., Grazian, A., Gruppioni, C., Ilbert, O., Le Floc'h, E., Magnelli, B., Maiolino, R., Nordon, R., Poglitsch, A., Pozzi, F., Riguccini, L., Rodighiero, G., Sanchez-Portal, M., Santini, P., Förster Schreiber, N.M., Sturm, E., Tacconi, L. & Valtchanov, I. 2013, *The Herschel-PEP survey: evidence for downsizing in the hosts of dusty star-forming systems*, *MNRAS*, 433, 127
- Magnelli, B., Popesso, P., Berta, S., Pozzi, F., Elbaz, D., Lutz, D., Dickinson, M., Altieri, B., Andreani, P., Aussel, H., Béthermin, M., Bongiovanni, A., Cepa, J., Charmandaris, V., Chary, R.R., Cimatti, A., Daddi, E., Förster Schreiber, N.M., Genzel, R., Gruppioni, C., Harwit, M., Hwang, H.S., Ivison, R.J., Magdis, G., Maiolino, R., Murphy, E., Nordon, R., Pannella, M., Pérez García, A., Poglitsch, A., Rosario, D., Sanchez-Portal, M., Santini, P., Scott, D., Sturm, E., Tacconi, L.J., Valtchanov, I., 2013, *The deepest Herschel-PACS far-infrared survey: number counts and infrared luminosity functions from combined PEP/GOODS-H observations*, *A&A*, 553, 132
- Hezaveh, Y.D., Marrone, D.P., Fassnacht, C.D., Spilker, J.S., Vieira, J.D., Aguirre, J.E., Aird, K.A., Aravena, M., Ashby, M.L.N., Bayliss, M., Benson, B.A., Bleem, L.E., Bothwell, M., Brodwin, M., Carlstrom, J.E., Chang, C.L., Chapman, S.C., Crawford, T.M., Crites, A.T., De Breuck, C., de Haan, T., Dobbs, M.A., Fomalont, E.B., George, E.M., Gladders, M.D., Gonzalez, A.H., Greve, T.R., Halverson, N.W., High, F.W., Holder, G.P., Holzapfel, W.L., Hoover, S., Hrušek, J.D., Husband, K., Hunter, T.R., Keisler, R., Lee, A.T., Leitch, E.M., Lueker, M., Luong-Van, D., Malkan, M., McIntyre, V., McMahon, J.J., Mehl, J., Menten, K.M., Meyer, S.S., Mocanu, L.M., Murphy, E.J., Natoli, T., Padin, S., Plagge, T., Reichardt, C.L., Rest, A., Ruel, J., Ruhl, J.E., Sharon, K., Schaffer, K.K., Shaw, L., Shirokoff, E., Stalder, B., Staniszewski, Z., Stark, A.A., Story, K., Vanderlinde, K., Weiß, A., Welikala, N. &

- Williamson, R. 2013, ALMA Observations of SPT-discovered, Strongly Lensed, Dusty, Star-forming Galaxies, *ApJ*, 767, 132
- Mocanu, L.M., Crawford, T.M., Vieira, J.D., Aird, K.A., Aravena, M., Austermann, J.E., Benson, B.A., Béthermin, M., Bleem, L.E., Bothwell, M., Carlstrom, J.E., Chang, C.L., Chapman, S., Cho, H.-M., Crites, A.T., de Haan, T., Dobbs, M.A., Everett, W.B., George, E.M., Halverson, N.W., Harrington, N., Hezaveh, Y., Holder, G.P., Holzapfel, W.L., Hoover, S., Hrubes, J.D., Keisler, R., Knox, L., Lee, A.T., Leitch, E.M., Lueker, M., Luong-Van, D., Marrone, D.P., McMahon, J.J., Mehl, J., Meyer, S.S., Mohr, J.J., Montroy, T.E., Natoli, T., Padin, S., Plagge, T., Pryke, C., Rest, A., Reichardt, C.L., Ruhl, J.E., Sayre, J.T., Schaffer, K.K., Shirokoff, E., Spieler, H.G., Spilker, J.S., Stalder, B., Staniszewski, Z., Stark, A.A., Story, K.T., Switzer, E.R., Vanderlinde, K., Williamson, R., 2013, *Extragalactic Millimeter-wave Point-source Catalog, Number Counts and Statistics from 771 deg² of the SPT-SZ Survey*, *ApJ*, 779, 61
- Aravena, M., Murphy, E.J., Aguirre, J.E., Ashby, M.L.N., Benson, B.A., Bothwell, M., Brodwin, M., Carlstrom, J.E., Chapman, S.C., Crawford, T.M., de Breuck, C., Fassnacht, C.D., Gonzalez, A.H., Greve, T.R., Gullberg, B., Hezaveh, Y., Holder, G.P., Holzapfel, W.L., Keisler, R., Malkan, M., Marrone, D.P., McIntyre, V., Reichardt, C.L., Sharon, K., Spilker, J.S., Stalder, B., Stark, A.A., Vieira, J.D. & Weiß, A. 2013, *Large gas reservoirs and free-free emission in two lensed star-forming galaxies at z = 2.7*, *MNRAS*, 433, 498
- Lee, N., Sanders, D.B., Casey, C.M., Scoville, N.Z., Hung, C.-L., Le Floc'h, E., Ilbert, O., Aussel, H., Capak, P., Kartaltepe, J.S., Roseboom, I., Salvato, M., Aravena, M., Berta, S., Bock, J., Oliver, S.J., Riguccini, L., Symeonidis, M., 2013, *Multi-wavelength SEDs of Herschel-selected Galaxies in the COSMOS Field*, *ApJ*, 778, 131
- Bothwell, M.S., Aguirre, J.E., Chapman, S.C., Marrone, D.P., Vieira, J.D., Ashby, M.L.N., Aravena, M., Benson, B.A., Bock, J.J., Bradford, C.M., Brodwin, M., Carlstrom, J.E., Crawford, T.M., de Breuck, C., Downes, T.P., Fassnacht, C.D., Gonzalez, A.H., Greve, T.R., Gullberg, B., Hezaveh, Y., Holder, G.P., Holzapfel, W.L., Ibar, E., Ivison, R., Kamenetzky, J., Keisler, R., Lupu, R.E., Ma, J., Malkan, M., McIntyre, V., Murphy, E.J., Nguyen, H.T., Reichardt, C.L., Rosenman, M., Spilker, J.S., Stalder, B., Stark, A.A., Strandet, M., Vernet, J., Weiß, A. & Welikala, N. 2013, *SPT 0538-50: Physical Conditions in the Interstellar Medium of a Strongly Lensed Dusty Star-forming Galaxy at z = 2.8*, *ApJ*, 779, 67
- Longobardi, A., Arnaboldi, M., Gerhard, O., Coccato, L., Okamura, S. & Freeman, K.C. 2013, *The planetary nebula population in the halo of M 87*, *A&A*, 558, 42
- Ascenso, J., Lada, C.J., Alves, J., Román-Zúñiga, C.G. & Lombardi, M. 2013, *The mid-infrared extinction law in the darkest cores of the Pipe Nebula*, *A&A*, 549, 135
- Zelaya, P., Quinn, J.R., Baade, D., Clocchiatti, A., Höflich, P., Maund, J., Patat, F., Wang, L. & Wheeler, J.C. 2013, *Spectropolarimetry of the Type Ia SN 2007sr Two Months after Maximum Light*, *AJ*, 145, 27
- Moyerman, S., Bierman, E., Ade, P.A.R., Aiken, R., Barkats, D., Bischoff, C., Bock, J.J., Chiang, H.C., Dowell, C.D., Duband, L., Hivon, E.F., Holzapfel, W.L., Hristov, V.V., Jones, W.C., Kaufman, J., Keating, B.G., Kovac, J.M., Kuo, C.L., Leitch, E.M., Mason, P.V., Matsumura, T., Nguyen, H.T., Ponthieu, N., Pryke, C., Richter, S., Rocha, G., Sheehy, C., Takahashi, Y.D., Tolan, J.E., Wollack, E. & Yoon, K.W. 2013, *Scientific Verification of Faraday Rotation Modulators: Detection of Diffuse Polarized Galactic Emission*, *ApJ*, 765, 64
- Barriá, D., Mennickent, R.E., Schmidtobreick, L., Djurasević, G., Kołaczkowski, Z., Michalska, G., Vučković, M. & Niemczura, E. 2013, *Fundamental stellar and accretion disc parameters of the eclipsing binary DQ Velorum*, *A&A*, 552, 63
- Breddels, M.A., Helmi, A., van den Bosch, R.C.E., van de Ven, G. & Battaglia, G. 2013, *Orbit-based dynamical models of the Sculptor dSph galaxy*, *MNRAS*, 433, 3173
- Bouy, H., Bertin, E., Moraux, E., Cuillandre, J.-C., Bouvier, J., Barrado, D., Solano, E., Bayo, A., 2013, *Dynamical analysis of nearby clusters. Automated astrometry from the ground: precision proper motions over a wide field*, *A&A*, 554, 101
- Krivov, A.V., Eiroa, C., Löhne, T., Marshall, J.P., Montesinos, B., del Burgo, C., Absil, O., Ardila, D., Augereau, J.-C., Bayo, A., Bryden, G., Danchi, W., Ertel, S., Lebreton, J., Liseau, R., Mora, A., Mustill, A.J., Mutschke, H., Neuhäuser, R., Pilbratt, G.L., Roberge, A., Schmidt, T.O.B., Stapelfeldt, K.R., Thébault, P., Vitense, C., White, G.J., Wolf, S., 2013, *Herschel's "Cold Debris Disks": Background Galaxies or Quiescent Rims of Planetary Systems?*, *ApJ*, 772, 32
- Joergens, V., Bonnefoy, M., Liu, Y., Bayo, A., Wolf, S., Chauvin, G. & Rojo, P. 2013, *OTS 44: Disk and accretion at the planetary border*, *A&A*, 558, L7
- López Martí, B., Jiménez Esteban, F., Bayo, A., Barrado, D., Solano, E. & Rodrigo, C. 2013, *Proper motions of young stars in Chamaeleon. I. A Virtual Observatory study of spectroscopically confirmed members*, *A&A*, 551, 46
- López Martí, B., Jiménez-Estebar, F., Bayo, A., Barrado, D., Solano, E., Bouy, H. & Rodrigo, C. 2013, *Proper motions of young stars in Chamaeleon. II. New kinematical candidate members of Chamaeleon I and II*, *A&A*, 556, 144
- Liseau, R., Montesinos, B., Olofsson, G., Bryden, G., Marshall, J.P., Ardila, D., Bayo Aran, A., Danchi, W.C., del Burgo, C., Eiroa, C., Ertel, S., Fridlund, M.C.W., Krivov, A.V., Pilbratt, G.L., Roberge, A., Thébault, P., Wiegert, J. & White, G.J. 2013, *α Centauri A in the far infrared. First measurement of the temperature minimum of a star other than the Sun*, *A&A*, 549, L7
- Beccari, G., Dalessandro, E., Lanzoni, B., Ferraro, F.R., Sollima, A., Bellazzini, M. & Miocchi, P. 2013, *Deep Multi-telescope Photometry of NGC 5466. I. Blue Stragglers and Binary Systems*, *ApJ*, 776, 60
- Dalessandro, E., Ferraro, F.R., Massari, D., Lanzoni, B., Miocchi, P., Beccari, G., Bellini, A., Sills, A., Sigurdsson, S., Mucciarelli, A. & Lovisi, L. 2013, *Double Blue Straggler Sequences in Globular Clusters: The Case of NGC 362*, *ApJ*, 778, 135
- Bellazzini, M., Oosterloo, T., Fraternali, F. & Beccari, G. 2013, *Dwarfs walking in a row. The filamentary nature of the NGC 3109 association*, *A&A*, 559, L11
- Beccari, G., Bellazzini, M., Lardo, C., Bragaglia, A., Carretta, E., Dalessandro, E., Mucciarelli, A. & Pancino, E. 2013, *Evidence for multiple populations in the massive globular cluster NGC 2419 from deep uVI LBT photometry*, *MNRAS*, 431, 1995
- De Marchi, G., Beccari, G. & Panagia, N. 2013, *Photometric Determination of the Mass Accretion Rates of Pre-main-sequence Stars. IV. Recent Star Formation in NGC 602*, *ApJ*, 775, 68
- Miocchi, P., Lanzoni, B., Ferraro, F.R., Dalessandro, E., Vesperini, E., Pasquato, M., Beccari, G., Pallanca, C. & Sanna, N. 2013, *Star Count Density Profiles and Structural Parameters of 26 Galactic Globular Clusters*, *ApJ*, 774, 151
- Pallanca, C., Dalessandro, E., Ferraro, F.R., Lanzoni, B. & Beccari, G. 2013, *The Optical Counterpart to the X-Ray Transient IGR J1824-24525 in the Globular Cluster M28*, *ApJ*, 773, 122
- Dalessandro, E., Ferraro, F.R., Lanzoni, B., Schiavon, R.P., O'Connell, R.W. & Beccari, G. 2013, *Ultraviolet Observations of the Globular Cluster M10 from HST and GALEX: The BSS Population*, *ApJ*, 770, 45
- Lachaume, R. & Berger, J.-P. 2013, *Bandwidth smearing in infrared long-baseline interferometry. Application to stellar companion search in fringe-scanning mode*, *MNRAS*, 435, 2501
- Le Bouquin, J.-B., Beust, H., Duvert, G., Berger, J.P. & Ménard, F., Zins, G. 2013, *Masses and age of the chemically peculiar double-lined binary χ Lupi*, *A&A*, 551, 121
- Olofsson, J., Benisty, M., Le Bouquin, J.-B., Berger, J.-P., Lacour, S., Ménard, F., Henning, T., Crida, A., Burtscher, L., Meeus, G., Ratzka, T., Pinte, C., Augereau, J.-C., Malbet, F., Lazareff, B., Traub, W., 2013, *Sculpting the disk around T Chamaeleontis: an interferometric view*, *A&A*, 552, 4

- Hodge, J.A., Karim, A., Smail, I., Swinbank, A.M., Walter, F., Biggs, A.D., Ivison, R.J., Weiss, A., Alexander, D.M., Bertoldi, F., Brandt, W.N., Chapman, S.C., Coppin, K.E.K., Cox, P., Danielson, A.L.R., Dannerbauer, H., De Breuck, C., Decarli, R., Edge, A.C., Greve, T.R., Knudsen, K.K., Menten, K.M., Rix, H.-W., Schinnerer, E., Simpson, J.M., Wardlow, J.L., van der Werf, P., 2013, *An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field South: Source Catalog and Multiplicity*, ApJ, 768, 91
- Karim, A., Swinbank, A.M., Hodge, J.A., Smail, I.R., Walter, F., Biggs, A.D., Simpson, J.M., Danielson, A.L.R., Alexander, D.M., Bertoldi, F., de Breuck, C., Chapman, S.C., Coppin, K.E.K., Dannerbauer, H., Edge, A.C., Greve, T.R., Ivison, R.J., Knudsen, K.K., Menten, K.M., Schinnerer, E., Wardlow, J.L., Weiß, A. & van der Werf, P. 2013, *An ALMA survey of submillimetre galaxies in the Extended Chandra Deep Field South: high-resolution 870 μ m source counts*, MNRAS, 432, 2
- Carniani, S., Marconi, A., Biggs, A., Cresci, G., Cupani, G., D'Odorico, V., Humphreys, E., Maiolino, R., Mannucci, F., Molaro, P., Nagao, T., Testi, L. & Zwaan, M.A. 2013, *Strongly star-forming rotating disks in a complex merging system at $z = 4.7$ as revealed by ALMA*, A&A, 559, 29
- Miszalski, B., Boffin, H.M.J. & Corradi, R.L.M. 2013, *A carbon dwarf wearing a Necklace: first proof of accretion in a post-common-envelope binary central star of a planetary nebula with jets*, MNRAS, 428, L39
- Miszalski, B., Boffin, H.M.J., Jones, D., Karakas, A.I., Köppen, J., Tyndall, A.A., Mohamed, S.S., Rodríguez-Gil, P. & Santander-García, M. 2013, *SALT reveals the barium central star of the planetary nebula Hen 2-39*, MNRAS, 436, 3068
- Pourbaix, D., Boffin, H.M.J., Chini, R. & Dembsky, T. 2013, *The multiplicity of φ Phe revisited*, A&A, 556, 45
- Palau, A., Fuente, A., Girart, J.M., Estalella, R., Ho, P.T.P., Sánchez-Monge, Á., Fontani, F., Busquet, G., Commerçon, B., Hennebelle, P., Boissier, J., Zhang, Q., Cesaroni, R. & Zapata, L.A. 2013, *Early Stages of Cluster Formation: Fragmentation of Massive Dense Cores down to $< \sim 1000$ AU*, ApJ, 762, 120
- Boissier, J., Bockelée-Morvan, D., Groussin, O., Lamy, P., Biver, N., Crovisier, J., Colom, P., Moreno, R., Jorda, L. & Piétu, V. 2013, *Millimetre continuum observations of comet C/2009 P1 (Garradd)*, A&A, 557, 88
- Crovisier, J., Colom, P., Biver, N., Bockelée-Morvan, D. & Boissier, J. 2013, *Observations of the 18-cm OH lines of Comet 103P/Hartley 2 at Nançay in support to the EPOXI and Herschel missions*, Icar, 222, 679
- Miller, N.A., Bonzini, M., Fomalont, E.B., Kellermann, K.I., Mainieri, V., Padovani, P., Rosati, P., Tozzi, P. & Vattakunnel, S. 2013, *The Very Large Array 1.4 GHz Survey of the Extended Chandra Deep Field South: Second Data Release*, ApJS, 205, 13
- Bonzini, M., Padovani, P., Mainieri, V., Kellermann, K.I., Miller, N., Rosati, P., Tozzi, P. & Vattakunnel, S. 2013, *The sub-mJy radio sky in the Extended Chandra Deep Field-South: source population*, MNRAS, 436, 3759
- Boquien, M., Boselli, A., Buat, V., Baes, M., Bendo, G., Boissier, S., Ciesla, L., Cooray, A., Cortese, L., Eales, S., Koda, J., Lebouteiller, V., de Looze, I., Smith, M.W.L., Spinoglio, L. & Wilson, C.D. 2013, *Towards understanding the relation between the gas and the attenuation in galaxies at kpc scales*, A&A, 554, 14
- Bourget, P., Schuhler, N., Mawet, D. & Haguenauer, P. 2013, *Extinction-controlled adaptive phase-mask coronagraph*, A&A, 551, 42
- Wuyts, S., Förster Schreiber, N.M., Nelson, E.J., van Dokkum, P.G., Brammer, G., Chang, Y.-Y., Faber, S.M., Ferguson, H.C., Franx, M., Fumagalli, M., Genzel, R., Grogin, N.A., Kocevski, D.D., Koekemoer, A.M., Lundgren, B., Lutz, D., McGrath, E.J., Momcheva, I., Rosario, D., Skelton, R.E., Tacconi, L.J., van der Wel, A., Whitaker, K.E., 2013, A
- CANDELS-3D-HST synergy: Resolved Star Formation Patterns at $0.7 < z < 1.5$* , ApJ, 779, 135
- Muzzin, A., Marchesini, D., Stefanon, M., Franx, M., Milvang-Jensen, B., Dunlop, J.S., Fynbo, J.P.U., Brammer, G., Labb  , I. & van Dokkum, P. 2013, *A Public Ks -selected Catalog in the COSMOS/ULTRAVISTA Field: Photometry, Photometric Redshifts, and Stellar Population Parameters*, ApJS, 206, 8
- Brammer, G.B., van Dokkum, P.G., Illingworth, G.D., Bouwens, R.J., Labb  , I., Franx, M., Momcheva, I. & Oesch, P.A. 2013, *A Tentative Detection of an Emission Line at 1.6 μ m for the $z \sim 12$ Candidate UDFj-39546284*, ApJ, 765, L2
- Arellano Ferro, A., Bramich, D.M., Figuera Jaimes, R., Girdhar, S., Kains, N., Kuppuswamy, K., Jørgensen, U.G., Alsubai, K.A., Andersen, J.M., Bozza, V., Browne, P., Calchi Novati, S., Damerdi  , Y., Diehl, C., Dominik, M., Dreizler, S., Elyiv, A., Giannini, E., Harps  e, K., Hessman, F.V., Hinse, T.C., Hundertmark, M., Juncker, D., Kerins, E., Korhonen, H., Mancini, L., Martin, R., Rabus, M., Rahvar, S., Scarpetta, G., Skottfelt, J., Snodgrass, C., Southworth, J., Surdej, J., Tregloan-Reed, J., Vilela, C., Wertz, O. & Mindstep Consortium, M.C. 2013, *A detailed census of variable stars in the globular cluster NGC 6333 (M9) from CCD differential photometry*, MNRAS, 434, 1220
- Snodgrass, C., Tubiana, C., Bramich, D.M., Meech, K., Boehnhardt, H. & Barrera, L. 2013, *Beginning of activity in 67P/Churyumov-Gerasimenko and predictions for 2014-2015*, A&A, 557, 33
- Bramich, D.M., Horne, K., Albrow, M.D., Tsapras, Y., Snodgrass, C., Street, R.A., Hundertmark, M., Kains, N., Arellano, F.A., Figuera, J.R. & Girdhar, S. 2013, *Difference image analysis: extension to a spatially varying photometric scale factor and other considerations*, MNRAS, 428, 2275
- Skottfelt, J., Bramich, D.M., Figuera Jaimes, R., Jørgensen, U.G., Kains, N., Harps  e, K.B.W., Liebig, C., Penny, M.T., Alsubai, K.A., Andersen, J.M., Bozza, V., Browne, P., Calchi Novati, S., Damerdi  , Y., Diehl, C., Dominik, M., Elyiv, A., Giannini, E., Hessman, F., Hinse, T.C., Hundertmark, M., Juncker, D., Kerins, E., Korhonen, H., Mancini, L., Martin, R., Rabus, M., Rahvar, S., Scarpetta, G., Southworth, J., Snodgrass, C., Street, R.A., Surdej, J., Tregloan-Reed, J., Vilela, C. & Williams, A. 2013, *EMCCD photometry reveals two new variable stars in the crowded central region of the globular cluster NGC 6981*, A&A, 553, 111
- Skottfelt, J., Bramich, D.M., Figuera Jaimes, R., Jørgensen, U.G., Kains, N., Harps  e, K.B.W., Liebig, C., Penny, M.T., Alsubai, K.A., Andersen, J.M., Bozza, V., Browne, P., Calchi Novati, S., Damerdi  , Y., Diehl, C., Dominik, M., Elyiv, A., Giannini, E., Hessman, F., Hinse, T.C., Hundertmark, M., Juncker, D., Kerins, E., Korhonen, H., Mancini, L., Martin, R., Rabus, M., Rahvar, S., Scarpetta, G., Southworth, J., Snodgrass, C., Street, R.A., Surdej, J., Tregloan-Reed, J., Vilela, C. & Williams, A. 2013, *EMCCD photometry reveals two new variable stars in the crowded central region of the globular cluster NGC 6981 (Corrigendum)*, A&A, 558, 1
- Leja, J., van Dokkum, P.G., Momcheva, I., Brammer, G., Skelton, R.E., Whitaker, K.E., Andrews, B.H., Franx, M., Kriek, M., van der Wel, A., Bezanson, R., Conroy, C., Förster Schreiber, N., Nelson, E. & Patel, S.G. 2013, *Exploring the Chemical Link between Local Ellipticals and Their High-redshift Progenitors*, ApJ, 778, L24
- Park, H., Udalski, A., Han, C., Gould, A., Beaulieu, J.-P., Tsapras, Y., Szyma  ski, M.K., Kubia  k, M., Soszy  ski, I., Pietrzy  ski, G., Poleski, R., Ulaczyk, K., Pietrukowicz, P., Kozlowski, S., Skowron, J., Wyrzykowski,   , The OGLE Collaboration, T.O.C., Choi, J.-Y., Depoy, D.L., Dong, S., Gaudi, B.S., Hwang, K.-H., Jung, Y.K., Kavka, A., Lee, C.-U., Monard, L.A.G., Park, B.-G., Pogge, R.W., Porritt, I., Shin, I.-G., Yee, J.C., The µFUN Collaboration, T.µ.C., Albrow, M.D., Bennett, D.P., Caldwell, J.A.R., Cassan, A., Coutures, C., Dominis, D., Donatowicz, J., Fouqu  , P., Greenhill, J., Huber, M., Jørgensen, U.G., Kane, S., Kubas, D., Marquette, J.-B.,

- Menzies, J., Pitrou, C., Pollard, K.R., Sahu, K.C., Wambsganss, J., Williams, A., Zub, M., The PLANET Collaboration, T.P.C., Allan, A., Bramich, D.M., Browne, P., Dominik, M., Horne, K., Hundertmark, M., Kains, N., Snodgrass, C., Steele, I.A., Street, R.A., The RoboNet Collaboration, T.R.C., 2013, *Gravitational Binary-lens Events with Prominent Effects of Lens Orbital Motion*, ApJ, 778, 134
- Han, C., Jung, Y.K., Udalski, A., Sumi, T., Gaudi, B.S., Gould, A., Bennett, D.P., Tsapras, Y., Szymański, M.K., Kubiak, M., Pietrzyński, G., Soszyński, I., Skowron, J., Kozłowski, S., Poleski, R., Ulaczyk, K., Wyrzykowski, Ł., Pietrukowicz, P., The OGLE Collaboration, T.O.C., Abe, F., Bond, I.A., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Furusawa, K., Harris, P., Itow, Y., Ling, C.H., Masuda, K., Matsubara, Y., Muraki, Y., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Sweatman, W.L., Suzuki, D., Tristram, P.J., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Batista, V., Christie, G., Choi, J.-Y., DePoy, D.L., Dong, S., Hwang, K.-H., Kavka, A., Lee, C.-U., Monard, L.A.G., Natusch, T., Ngan, H., Park, H., Pogge, R.W., Porritt, I., Shin, I.-G., Tan, T.G., Yee, J.C., The µFUN Collaboration, T.µ.C., Alsubai, K.A., Bozza, V., Bramich, D.M., Browne, P., Dominik, M., Horne, K., Hundertmark, M., Ipatov, S., Kains, N., Liebig, C., Snodgrass, C., Steele, I.A., Street, R.A., The RoboNet Collaboration, T.R.C., 2013, *Microlensing Discovery of a Tight, Low-mass-ratio Planetary-mass Object around an Old Field Brown Dwarf*, ApJ, 778, 38
- Bouwens, R.J., Oesch, P.A., Illingworth, G.D., Labbé, I., van Dokkum, P.G., Brammer, G., Magee, D., Spitler, L.R., Franx, M., Smit, R., Trenti, M., Gonzalez, V. & Carollo, C.M. 2013, *Photometric Constraints on the Redshift of $z \sim 10$ Candidate UDFj-39546284 from Deeper WFC3/IR+ACS+IRAC Observations over the HUDF*, ApJ, 765, L16
- Whitaker, K.E., van Dokkum, P.G., Brammer, G., Momcheva, I.G., Skelton, R., Franx, M., Kriek, M., Labbé, I., Fumagalli, M., Lundgren, B.F., Nelson, E.J., Patel, S.G. & Rix, H.-W., 2013, *Quiescent Galaxies in the 3D-HST Survey: Spectroscopic Confirmation of a Large Number of Galaxies with Relatively Old Stellar Populations at $z \sim 2$* , ApJ, 770, L39
- van Dokkum, P.G., Leja, J., Nelson, E.J., Patel, S., Skelton, R.E., Momcheva, I., Brammer, G., Whitaker, K.E., Lundgren, B., Fumagalli, M., Conroy, C., Förster Schreiber, N., Franx, M., Kriek, M., Labbé, I., Marchesini, D., Rix, H.-W., van der Wel, A., Wuyts, S., 2013, *The Assembly of Milky-Way-like Galaxies Since $z \sim 2.5$* , ApJ, 771, L35
- Muzzin, A., Marchesini, D., Stefanon, M., Franx, M., McCracken, H.J., Milvang-Jensen, B., Dunlop, J.S., Fynbo, J.P.U., Brammer, G., Labbé, I. & van Dokkum, P.G. 2013, *The Evolution of the Stellar Mass Functions of Star-forming and Quiescent Galaxies to $z = 4$ from the COSMOS/UltraVISTA Survey*, ApJ, 777, 18
- Nelson, E.J., van Dokkum, P.G., Momcheva, I., Brammer, G., Lundgren, B., Skelton, R.E., Whitaker, K.E., Da Cunha, E., Förster Schreiber, N., Franx, M., Fumagalli, M., Kriek, M., Labbe, I., Leja, J., Patel, S., Rix, H.-W., Schmidt, K.B., van der Wel, A., Wuyts, S., 2013, *The Radial Distribution of Star Formation in Galaxies at $z \sim 1$ from the 3D-HST Survey*, ApJ, 763, L16
- Patel, S.G., Fumagalli, M., Franx, M., van Dokkum, P.G., van der Wel, A., Leja, J., Labbé, I., Brammer, G., Skelton, R.E., Momcheva, I., Whitaker, K.E., Lundgren, B., Muzzin, A., Quadri, R.F., Nelson, E.J., Wake, D.A. & Rix, H.-W., 2013, *The Structural Evolution of Milky-Way-like Star-forming Galaxies since $z \sim 1.3$* , ApJ, 778, 115
- Schmidt, K.B., Rix, H.-W., da Cunha, E., Brammer, G.B., Cox, T.J., van Dokkum, P., Förster Schreiber, N.M., Franx, M., Fumagalli, M., Jonsson, P., Lundgren, B., Maseda, M.V., Momcheva, I., Nelson, E.J., Skelton, R.E., van der Wel, A. & Whitaker, K.E. 2013, *The spatial extent and distribution of star formation in 3D-HST mergers at $z \sim 1.5$* , MNRAS, 432, 285
- Stefanon, M., Marchesini, D., Rudnick, G.H., Brammer, G.B. & Whitaker, K.E. 2013, *What are the Progenitors of Compact, Massive, Quiescent Galaxies at $z = 2.3$? The Population of Massive Galaxies at $z > 3$ from NMBS and CANDELS*, ApJ, 768, 92
- Hwang, K.-H., Choi, J.-Y., Bond, I.A., Sumi, T., Han, C., Gaudi, B.S., Gould, A., Bozza, V., Beaulieu, J.-P., Tsapras, Y., Abe, F., Bennett, D.P., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Fukunaga, D., Harris, P., Itow, Y., Koshimoto, N., Ling, C.H., Masuda, K., Matsubara, Y., Muraki, Y., Namba, S., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Sweatman, W.L., Suzuki, D., Tristram, P.J., Wada, K., Yamai, N., Yock, P.C.M., Yonehara, A., The MOA Collaboration, T.M.C., de Almeida, L.A., DePoy, D.L., Dong, S., Jablonski, F., Jung, Y.K., Kavka, A., Lee, C.-U., Park, H., Pogge, R.W., Shin, I.-G., Yee, J.C., The µFUN Collaboration, T.µ.C., Albrow, M.D., Bachelet, E., Batista, V., Brilliant, S., Caldwell, J.A.R., Cassan, A., Cole, A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Fouqué, P., Greenhill, J., Jørgensen, U.G., Kane, S.R., Kubas, D., Marquette, J.-B., Martin, R., Meintjes, P., Menzies, J., Pollard, K.R., Williams, A., Wouters, D., The PLANET Collaboration, T.P.C., Bramich, D.M., Dominik, M., Horne, K., Browne, P., Hundertmark, M., Ipatov, S., Kains, N., Snodgrass, C., Steele, I.A., Street, R.A., The RoboNet Collaboration, T.R.C., 2013, *Interpretation of a Short-term Anomaly in the Gravitational Microlensing Event MOA-2012-BLG-486*, ApJ, 778, 55
- Yee, J.C., Hung, L.-W., Bond, I.A., Allen, W., Monard, L.A.G., Albrow, M.D., Fouqué, P., Dominik, M., Tsapras, Y., Udalski, A., Gould, A., Zellem, R., Bos, M., Christie, G.W., DePoy, D.L., Dong, S., Drummond, J., Gaudi, B.S., Gorbikov, E., Han, C., Kaspi, S., Klein, N., Lee, C.-U., Maoz, D., McCormick, J., Moorhouse, D., Natusch, T., Nola, M., Park, B.-G., Pogge, R.W., Polishook, D., Shporer, A., Shvartzvald, Y., Skowron, J., Thornley, G., The µFUN Collaboration, T.µ.C., Abe, F., Bennett, D.P., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Furusawa, K., Harris, P., Itow, Y., Ling, C.H., Masuda, K., Matsubara, Y., Miyake, N., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Sumi, T., Suzuki, D., Sweatman, W.L., Tristram, P.J., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Szymański, M.K., Soszyński, I., Kubiak, M., Poleski, R., Ulaczyk, K., Pietrzyński, G., Wyrzykowski, Ł., The OGLE Collaboration, T.O.C., Bachelet, E., Batista, V., Beatty, T.G., Beaulieu, J.-P., Bennett, C.S., Bowens-Rubin, R., Brilliant, S., Caldwell, J.A.R., Cassan, A., Cole, A.A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Greenhill, J., Henderson, C.B., Kubas, D., Marquette, J.-B., Martin, R., Menzies, J.W., Shappee, B., Williams, A., Wouters, D., van Saders, J., Zub, M., The PLANET Collaboration, T.P.C., Street, R.A., Horne, K., Bramich, D.M., Steele, I.A., The RoboNet Collaboration, T.R.C., Alsubai, K.A., Bozza, V., Browne, P., Burgdorf, M.J., Calchi Novati, S., Dodds, P., Finet, F., Gerner, T., Hardis, S., Harpsøe, K., Hessman, F.V., Hinse, T.C., Hundertmark, M., Jørgensen, U.G., Kains, N., Kerins, E., Liebig, C., Mancini, L., Mathiasen, M., Penny, M.T., Proft, S., Rahvar, S., Ricci, D., Sahu, K.C., Scarpetta, G., Schäfer, S., Schönebeck, F., Snodgrass, C., Southworth, J., Surdej, J., Wambsganss, J., MINDSTEp Consortium, T., 2013, *MOA-2010-BLG-311: A Planetary Candidate below the Threshold of Reliable Detection*, ApJ, 769, 77
- Majaess, D., Carraro, G., Moni Bidin, C., Bonatto, C., Berdnikov, L., Balam, D., Moyano, M., Gallo, L., Turner, D., Lane, D., Gieren, W., Borissova, J., Kovtyukh, V. & Beletsky, Y. 2013, *Anchors for the cosmic distance scale: the Cepheids U Sagittarii, CF Cassiopeiae, and CEab Cassiopeiae*, A&A, 560, 22
- Mishenina, T., Korotin, S., Carraro, G., Kovtyukh, V.V. & Yegorova, I.A. 2013, *Barium and yttrium abundance in intermediate-age and old open clusters*, MNRAS, 433, 1436
- Carraro, G., Beletsky, Y. & Marconi, G. 2013, *Five old open clusters more in the outer Galactic disc*, MNRAS, 428, 502

- de la Fuente Marcos, R., de la Fuente Marcos, C., Moni Bidin, C., Carraro, G. & Costa, E. 2013, *NGC 1252: a high altitude, metal poor open cluster remnant*, MNRAS, 434, 194
- Villanova, S., Geisler, D., Carraro, G., Moni Bidin, C. & Muñoz, C. 2013, *Ruprecht 106: The First Single Population Globular Cluster?*, ApJ, 778, 186
- Carraro, G., Turner, D., Majaess, D. & Baume, G. 2013, *The distance to the young open cluster Westerlund 2*, A&A, 555, 50
- Carraro, G., Buzzoni, A., Bertone, E. & Buson, L. 2013, *UB CCD Photometry of the Old, Metal-rich, Open Clusters NGC 6791, NGC 6819, and NGC 7142*, AJ, 146, 128
- Carter, J., Poulet, F., Murchie, S. & Bibring, J.P. 2013, *Automated processing of planetary hyperspectral datasets for the extraction of weak mineral signatures and applications to CRISM observations of hydrated silicates on Mars*, P&SS, 76, 53
- Cerviño, M., Román-Zúñiga, C., Luridiana, V., Bayo, A., Sánchez, N. & Pérez, E. 2013, *Crucial aspects of the initial mass function. I. The statistical correlation between the total mass of an ensemble of stars and its most massive star*, A&A, 553, 31
- Cerviño, M., Román-Zúñiga, C., Bayo, A., Luridiana, V., Sánchez, N. & Pérez, E. 2013, *Crucial aspects of the initial mass function. II. The inference of total quantities from partial information on a cluster*, A&A, 553, 32
- Morganti, L., Gerhard, O., Coccato, L., Martínez-Valpuesta, I. & Arnaboldi, M. 2013, *Elliptical galaxies with rapidly decreasing velocity dispersion profiles: NMAGIC models and dark halo parameter estimates for NGC 4494*, MNRAS, 431, 3570
- Coccato, L., Arnaboldi, M. & Gerhard, O. 2013, *Signatures of accretion events in the haloes of early-type galaxies from comparing PNe and GCs kinematics*, MNRAS, 436, 1322
- Coccato, L., Morelli, L., Pizzella, A., Corsini, E.M., Buson, L.M. & Dalla Bontà, E. 2013, *Spectroscopic evidence of distinct stellar populations in the counter-rotating stellar disks of NGC 3593 and NGC 4550*, A&A, 549, 3
- Comerón, F., Pasquali, A. & Alves de Oliveira, C. 2013, *An irradiated jet in M 17*, A&A, 552, 30
- Comerón, F., Spezzi, L., López Martí, B. & Merín, B. 2013, *The low-mass dispersed population around the Lupus clouds*, A&A, 554, 86
- Corbel, S., Aussel, H., Broderick, J.W., Chanial, P., Coriat, M., Maury, A.J., Buxton, M.M., Tomsick, J.A., Tzioumis, A.K., Markoff, S., Rodriguez, J., Bailyn, C.D., Brocksopp, C., Fender, R.P., Petrucci, P.O., Cadolle-Bel, M., Calvelo, D. & Harvey-Smith, L. 2013, *Formation of the compact jets in the black hole GX 339-4*, MNRAS, 431, L107
- Madden, S.C., Rémy-Ruyer, A., Galametz, M., Cormier, D., Lebouteiller, V., Galliano, F., Hony, S., Bendo, G.J., Smith, M.W.L., Pohlen, M., Roussel, H., Sauvage, M., Wu, R., Sturm, E., Poglitsch, A., Contursi, A., Doublier, V., Baes, M., Barlow, M.J., Boselli, A., Boquien, M., Carlson, L.R., Ciesla, L., Cooray, A., Cortese, L., de Looze, I., Irwin, J.A., Isaak, K., Kamenetzky, J., Karczewski, O.Ł., Lu, N., MacHattie, J.A., O'Halloran, B., Parkin, T.J., Rangwala, N., Schirm, M.R.P., Schulz, B., Spinoglio, L., Vaccari, M., Wilson, C.D. & Wozniak, H. 2013, *An Overview of the Dwarf Galaxy Survey*, PASP, 125, 600
- Scott, T.C., Usero, A., Brinks, E., Boselli, A., Cortese, L. & Bravo-Alfaro, H. 2013, *CO in late-type galaxies within the central region of Abell 1367*, MNRAS, 429, 221
- Boselli, A., Hughes, T.M., Cortese, L., Gavazzi, G. & Buat, V. 2013, *Integrated spectroscopy of the Herschel Reference Survey. The spectral line properties of a volume-limited, K-band-selected sample of nearby galaxies*, A&A, 550, 114
- Cortesi, A., Merrifield, M.R., Coccato, L., Arnaboldi, M., Gerhard, O., Bamford, S., Napolitano, N.R., Romanowsky, A.J., Douglas, N.G., Kuijken, K., Capaccioli, M., Freeman, K.C., Saha, K. & Chies-Santos, A.L. 2013, *Planetary Nebula Spectrograph survey of S0 galaxy kinematics - II. Clues to the origins of S0 galaxies*, MNRAS, 432, 1010
- Catinella, B., Schiminovich, D., Cortese, L., Fabello, S., Hummels, C.B., Moran, S.M., Lemonias, J.J., Cooper, A.P., Wu, R., Heckman, T.M. & Wang, J. 2013, *The GALEX Arecibo SDSS Survey - VIII. Final data release. The effect of group environment on the gas content of massive galaxies*, MNRAS, 436, 34
- Auld, R., Bianchi, S., Smith, M.W.L., Davies, J.I., Bendo, G.J., di Serego, S.A., Cortese, L., Baes, M., Bomans, D.J., Boquien, M., Boselli, A., Ciesla, L., Clemens, M., Corbelli, E., De Looze, I., Fritz, J., Gavazzi, G., Pappalardo, C., Grossi, M., Hunt, L.K., Madden, S., Magrini, L., Pohlen, M., Verstappen, J., Vlahakis, C., Xilouris, E.M. & Zibetti, S. 2013, *The Herschel Virgo Cluster Survey - XII. FIR properties of optically selected Virgo cluster galaxies*, MNRAS, 428, 1880
- De Looze, I., Baes, M., Boselli, A., Cortese, L., Fritz, J., Auld, R., Bendo, G.J., Bianchi, S., Boquien, M., Clemens, M., Ciesla, L., Davies, J., di Serego Alighieri, S., Grossi, M., Jones, A., Madden, S.C., Pappalardo, C., Pierini, D., Smith, M.W.L., Verstappen, J., Vlahakis, C. & Zibetti, S. 2013, *The Herschel Virgo Cluster Survey - XIV. Transition-type dwarf galaxies in the Virgo cluster*, MNRAS, 436, 1057
- Cortesi, A., Arnaboldi, M., Coccato, L., Merrifield, M.R., Gerhard, O., Bamford, S., Romanowsky, A.J., Napolitano, N.R., Douglas, N.G., Kuijken, K., Capaccioli, M., Freeman, K.C., Chies-Santos, A.L. & Pota, V. 2013, *The Planetary Nebula Spectrograph survey of S0 galaxy kinematics. Data and overview*, A&A, 549, 115
- Hughes, T.M., Cortese, L., Boselli, A., Gavazzi, G. & Davies, J.I. 2013, *The role of cold gas and environment on the stellar mass-metallicity relation of nearby galaxies*, A&A, 550, 115
- Joergens, V., Herczeg, G., Liu, Y., Pasquetti, I., Whelan, E., Alcalá, J., Biazzo, K., Costigan, G., Gully-Santiago, M., Henning, T., Natta, A., Rigliaco, E., Rodríguez-Ledesma, M.V., Sicilia-Aguilar, A., Tottle, J. & Wolf, S. 2013, *Disk, accretion and outflows of brown dwarfs*, AN, 334, 159
- Rahmani, H., Wendt, M., Srianand, R., Noterdaeme, P., Petitjean, P., Molaro, P., Whitmore, J.B., Murphy, M.T., Centurion, M., Fathiavasari, H., D'Odorico, S., Evans, T.M., Levshakov, S.A., Lopez, S., Martins, C.J.A.P., Reimers, D. & Vladilo, G. 2013, *The UVES large program for testing fundamental physics - II. Constraints on a change in μ towards quasar HE 0027-1836*, MNRAS, 435, 861
- Daemgen, S., Petr-Gotzens, M.G., Correia, S., Teixeira, P.S., Brandner, W., Kley, W. & Zinnecker, H. 2013, *Protoplanetary disk evolution and stellar parameters of T Tauri binaries in Chamaeleon I*, A&A, 554, 43
- Correia, S., Duchêne, G., Reipurth, B., Zinnecker, H., Daemgen, S., Petr-Gotzens, M.G., Köhler, R., Ratzka, T., Aspin, C., Konopacky, Q.M. & Ghez, A.M. 2013, *Stellar and circumstellar properties of visual binaries in the Orion Nebula Cluster*, A&A, 557, 63
- Bergfors, C., Brandner, W., Daemgen, S., Biller, B., Hippler, S., Janson, M., Kudryavtseva, N., Geißler, K., Henning, T. & Köhler, R. 2013, *Stellar companions to exoplanet host stars: Lucky Imaging of transiting planet hosts*, MNRAS, 428, 182
- Davis, T.A., Bureau, M., Cappellari, M., Sarzi, M. & Blitz, L. 2013, *A black-hole mass measurement from molecular gas kinematics in NGC4526*, Natur, 494, 328
- Nyland, K., Alatalo, K., Wrobel, J.M., Young, L.M., Morganti, R., Davis, T.A., de Zeeuw, P.T., Deustua, S. & Bureau, M. 2013, *Detection of a High Brightness Temperature Radio Core in the Active-galactic-nucleus-driven Molecular Outflow Candidate NGC 1266*, ApJ, 779, 173
- Davis, T.A., Bayet, E., Crocker, A., Topal, S. & Bureau, M. 2013, *ISM chemistry in metal-rich environments: molecular tracers of metallicity*, MNRAS, 433, 1659
- Davis, T.A., Alatalo, K., Bureau, M., Cappellari, M., Scott, N., Young, L.M., Blitz, L., Crocker, A., Bayet, E., Bois, M., Bournaud, F., Davies, R.L., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., Lablanche, P.-Y., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Serra, P., Weijmans, A.-M., 2013,

- The ATLAS3D Project - XIV. The extent and kinematics of the molecular gas in early-type galaxies*, MNRAS, 429, 534
- Sarzi, M., Alatalo, K., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Cappellari, M., Crocker, A., Davies, R.L., Davis, T.A., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., Lablanche, P.-Y., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Scott, N., Serra, P., Young, L.M., Weijmans, A.-M., 2013, *The ATLAS3D project - XIX. The hot gas content of early-type galaxies: fast versus slow rotators*, MNRAS, 432, 1845
- Cappellari, M., Scott, N., Alatalo, K., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Crocker, A.F., Davies, R.L., Davis, T.A., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Serra, P., Weijmans, A.-M., Young, L.M., 2013, *The ATLAS3D project - XV. Benchmark for early-type galaxies scaling relations from 260 dynamical models: mass-to-light ratio, dark matter, Fundamental Plane and Mass Plane*, MNRAS, 432, 1709
- Bayet, E., Bureau, M., Davis, T.A., Young, L.M., Crocker, A.F., Alatalo, K., Blitz, L., Bois, M., Bournaud, F., Cappellari, M., Davies, R.L., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Weijmans, A.-M., 2013, *The ATLAS3D project - XVI. Physical parameters and spectral line energy distributions of the molecular gas in gas-rich early-type galaxies*, MNRAS, 432, 1742
- Alatalo, K., Davis, T.A., Bureau, M., Young, L.M., Blitz, L., Crocker, A.F., Bayet, E., Bois, M., Bournaud, F., Cappellari, M., Davies, R.L., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., Lablanche, P.-Y., Morganti, R., McDermid, R.M., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Weijmans, A.-M., 2013, *The ATLAS3D project - XVIII. CARMA CO imaging survey of early-type galaxies*, MNRAS, 432, 1796
- Cappellari, M., McDermid, R.M., Alatalo, K., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Crocker, A.F., Davies, R.L., Davis, T.A., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Weijmans, A.-M., Young, L.M., 2013, *The ATLAS3D project - XX. Mass-size and mass- σ distributions of early-type galaxies: bulge fraction drives kinematics, mass-to-light ratio, molecular gas fraction and stellar initial mass function*, MNRAS, 432, 1862
- Scott, N., Cappellari, M., Davies, R.L., Kleijn, G.V., Bois, M., Alatalo, K., Blitz, L., Bournaud, F., Bureau, M., Crocker, A., Davis, T.A., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Serra, P., Weijmans, A.-M., Young, L.M., 2013, *The ATLAS3D project - XXI. Correlations between gradients of local escape velocity and stellar populations in early-type galaxies*, MNRAS, 432, 1894
- Davies, J.I., Bianchi, S., Baes, M., Boselli, A., Ciesla, L., Clemens, M., Davis, T.A., De Looze, I., Alighieri, S.d.S., Fuller, C., Fritz, J., Hunt, L.K., Serra, P., Smith, M.W.L., Verstappen, J., Vlahakis, C., Xilouris, E.M., Bomans, D., Hughes, T., Garcia-Appadoo, D. & Madden, S. 2013, *The Herschel Fornax Cluster Survey - I. The bright galaxy sample*, MNRAS, 428, 834
- di Serego Alighieri, S., Bianchi, S., Pappalardo, C., Zibetti, S., Auld, R., Baes, M., Bendo, G., Corbelli, E., Davies, J.I., Davis, T., De Looze, I., Fritz, J., Gavazzi, G., Giovanardi, C., Grossi, M., Hunt, L.K., Magrini, L., Pierini, D. & Xilouris, E.M. 2013, *The Herschel Virgo Cluster Survey. XIII. Dust in early-type galaxies*, A&A, 552, 8
- Davis, T.A., Heiderman, A., Evans, N.J. & Iono, D. 2013, *The molecular ISM in luminous infrared galaxies: a $\lambda = 3$ mm line survey of Arp 157*, MNRAS, 436, 570
- Galametz, A., Stern, D., Pentericci, L., De Breuck, C., Vernet, J., Wylezalek, D., Fassbender, R., Hatch, N., Kurk, J., Overzier, R., Rettura, A. & Seymour, N. 2013, *A large-scale galaxy structure at $z = 2.02$ associated with the radio galaxy MRC 0156-252*, A&A, 559, 2
- Weiß, A., De Breuck, C., Marrone, D.P., Vieira, J.D., Aguirre, J.E., Aird, K.A., Aravena, M., Ashby, M.L.N., Bayliss, M., Benson, B.A., Béthermin, M., Biggs, A.D., Bleem, L.E., Bock, J.J., Bothwell, M., Bradford, C.M., Brodwin, M., Carlstrom, J.E., Chang, C.L., Chapman, S.C., Crawford, T.M., Crittenden, R., de Haan, T., Dobbs, M.A., Downes, T.P., Fassnacht, C.D., George, E.M., Gladders, M.D., Gonzalez, A.H., Greve, T.R., Halverson, N.W., Hezaveh, Y.D., High, F.W., Holder, G.P., Holzapfel, W.L., Hoover, S., Hrubes, J.D., Husband, K., Keisler, R., Lee, A.T., Leitch, E.M., Lueker, M., Luong-Van, D., Malkan, M., McIntyre, V., McMahon, J.J., Mehl, J., Menten, K.M., Meyer, S.S., Murphy, E.J., Padin, S., Plagge, T., Reichardt, C.L., Rest, A., Rosenman, M., Ruel, J., Ruhl, J.E., Schaffer, K.K., Shirokoff, E., Spilker, J.S., Stalder, B., Staniszewski, Z., Stark, A.A., Story, K., Vanderlinde, K., Welikala, N. & Williamson, R. 2013, *ALMA Redshifts of Millimeter-selected Galaxies from the SPT Survey: The Redshift Distribution of Dusty Star-forming Galaxies*, ApJ, 767, 88
- Wang, S.X., Brandt, W.N., Luo, B., Smail, I., Alexander, D.M., Danielson, A.L.R., Hodge, J.A., Karim, A., Lehmer, B.D., Simpson, J.M., Swinbank, A.M., Walter, F., Wardlow, J.L., Xue, Y.Q., Chapman, S.C., Coppin, K.E.K., Dannerbauer, H., De Breuck, C., Menten, K.M. & van der Werf, P. 2013, *An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field-South: The AGN Fraction and X-Ray Properties of Submillimeter Galaxies*, ApJ, 778, 179
- Vieira, J.D., Marrone, D.P., Chapman, S.C., De Breuck, C., Hezaveh, Y.D., Weiß, A., Aguirre, J.E., Aird, K.A., Aravena, M., Ashby, M.L.N., Bayliss, M., Benson, B.A., Biggs, A.D., Bleem, L.E., Bock, J.J., Bothwell, M., Bradford, C.M., Brodwin, M., Carlstrom, J.E., Chang, C.L., Crawford, T.M., Crittenden, R., de Haan, T., Dobbs, M.A., Fomalont, E.B., Fassnacht, C.D., George, E.M., Gladders, M.D., Gonzalez, A.H., Greve, T.R., Gullberg, B., Halverson, N.W., High, F.W., Holder, G.P., Holzapfel, W.L., Hoover, S., Hrubes, J.D., Hunter, T.R., Keisler, R., Lee, A.T., Leitch, E.M., Lueker, M., Luong-van, D., Malkan, M., McIntyre, V., McMahon, J.J., Mehl, J., Menten, K.M., Meyer, S.S., Mocanu, L.M., Murphy, E.J., Natoli, T., Padin, S., Plagge, T., Reichardt, C.L., Rest, A., Ruel, J., Ruhl, J.E., Sharon, K., Schaffer, K.K., Shaw, L., Shirokoff, E., Spilker, J.S., Stalder, B., Staniszewski, Z., Stark, A.A., Story, K., Vanderlinde, K., Welikala, N. & Williamson, R. 2013, *Dusty starburst galaxies in the early Universe as revealed by gravitational lensing*, Natur, 495, 344
- Tanaka, M., Toft, S., Marchesini, D., Zirm, A., De Breuck, C., Kodama, T., Koyama, Y., Kurk, J. & Tanaka, I. 2013, *On the Formation Timescale of Massive Cluster Ellipticals Based on Deep Near-infrared Spectroscopy at $z \sim 2$* , ApJ, 772, 113
- Rawlings, J.I., Seymour, N., Page, M.J., De Breuck, C., Stern, D., Symeonidis, M., Appleton, P.N., Dey, A., Dickinson, M., Huynh, M., Floc'h, E.L., Lehnert, M., Mullaney, J.R., Nesvadba, N., Ogle, P., Sajina, A., Vernet, J. & Zirm, A. 2013, *Polycyclic aromatic hydrocarbon emission in powerful high-redshift radio galaxies*, MNRAS, 429, 744
- Hatch, N.A., Röttgering, H.J.A., Miley, G.K., Rigby, E., De Breuck, C., Ford, H., Kuiper, E., Kurk, J.D., Overzier, R.A. & Pentericci, L. 2013, *The host galaxy of the $z = 2.4$ radio-loud AGN MRC 0406-244 as seen by HST*, MNRAS, 436, 2244
- DiPompeo, M.A., Brotherton, M.S. & De Breuck, C. 2013, *The orientation and polarization of broad absorption line quasars*, MNRAS, 428, 1565
- Greiner, J., Krühler, T., Nardini, M., Filgas, R., Moin, A., De Breuck, C., Montenegro-Montes, F., Lundgren, A., Klose, S., fonso, P.M.J., Bertoldi, F., Elliott, J., Kann, D.A., Knust, F., Menten, K., Nicuesa Guelbenzu, A., Olivares E., F., Rau, A., Rossi, A., Schady, P., Schmidl, S., Siringo, G., Spezzi, L., Sudilovsky, V., Tingay, S.J., Updike, A.C., Wang, Z., Weiss, A., Wieringa, M.

- M. & Wyrowski, F. 2013, *The unusual afterglow of the gamma-ray burst 100621A*, A&A, 560, 70
- Klaassen, P.D., Juhasz, A., Mathews, G.S., Mottram, J.C., *De Gregorio-Monsalvo, I.*, van Dishoeck, E.F., Takahashi, S., Akiyama, E., Chapillon, E., Espada, D., Hales, A., Hogerheijde, M.R., Rawlings, M., Schmalzl, M. & Testi, L. 2013, *ALMA detection of the rotating molecular disk wind from the young star HD 163296*, A&A, 555, 73
- Casassus, S., Hales, A., *de Gregorio, I.*, Dent, B., Belloche, A., Güsten, R., Ménard, F., Hughes, A.M., Wilner, D. & Salinas, V. 2013, *CO(6-5) and [C i](2-1) pointed observations of five protoplanetary disks: Warm gas in HD 142527*, A&A, 553, 64
- Busquet, G., Zhang, Q., Palau, A., Liu, H.B., Sánchez-Monge, Á., Estalella, R., Ho, P.T.P., *de Gregorio-Monsalvo, I.*, Pillai, T., Wyrowski, F., Girart, J.M., Santos, F.P. & Franco, G.A.P. 2013, *Unveiling a Network of Parallel Filaments in the Infrared Dark Cloud G14.225-0.506*, ApJ, 764, L26
- de Gregorio-Monsalvo, I.*, Ménard, F., Dent, W., Pinte, C., López, C., Klaassen, P., Hales, A., Cortés, P., Rawlings, M.G., Tachihara, K., Testi, L., Takahashi, S., Chapillon, E., Mathews, G., Juhasz, A., Akiyama, E., Higuchi, A.E., Saito, M., Nyman, L.-Å., Phillips, N., Rodón, J., Corder, S., Van Kempen, T., 2013, *Unveiling the gas-and-dust disk structure in HD 163296 using ALMA observations*, A&A, 557, 133
- De Propris, R.*, Phillipps, S. & Bremer, M.N. 2013, *Deep luminosity functions and colour-magnitude relations for cluster galaxies at 0.2 < z < 0.6*, MNRAS, 434, 3469
- de Wit, W.J., Grinin, V.P., Potravnov, I.S., Shakhovskoi, D.N., Müller, A. & Moerchen, M. 2013, *Active asteroid belt causes the UXOR phenomenon in RZ Piscium*, A&A, 553, L1
- Ilee, J.D., Wheelwright, H.E., Oudmaijer, R.D., *de Wit, W.J.*, Maud, L.T., Hoare, M.G., Lumsden, S.L., Moore, T.J.T., Urquhart, J.S. & Mottram, J.C. 2013, *CO bandhead emission of massive young stellar objects: determining disc properties*, MNRAS, 429, 2960
- Kraus, M., Oksala, M.E., Nickeler, D.H., Muratore, M.F., Borges Fernandes, M., Aret, A., Cidale, L.S. & *de Wit, W.J.* 2013, *Molecular emission from GG Carinae's circumbinary disk*, A&A, 549, 28
- Oudmaijer, R.D. & *de Wit, W.J.* 2013, *Neutral and ionised gas around the post-red supergiant IRC +10 420 at AU size scales*, A&A, 551, 69
- Casassus, S., van der Plas, G., Perez, S.M., Dent, W.R.F., Fom Alont, E., Hagelberg, J., Hales, A., Jordan, A., Mawet, D., Menard, F., Wootten, A., Wilner, D., Hughes, A.M., Schreiber, M.R., Girard, J.H., Ercolano, B., Canovas, H., Roman, P.E. & Salinas, V. 2013, *Flows of gas through a protoplanetary gap*, Natur, 493, 191
- Dent, W.R.F., Thi, W.F., Kamp, I., Williams, J.P., Menard, F., Andrews, S., Ardila, D., Aresu, G., Augereau, J.-C., Barrado y Navascues, D., Brittain, S., Carmona, A., Ciardi, D., Danchi, W., Donaldson, J., Duchene, G., Eiroa, C., Fedele, D., Grady, C., *de Gregorio-Monsalvo, I.*, Howard, C., Huéamo, N., Krivov, A., Lebreton, J., Liseau, R., Martin-Zaidi, C., Mathews, G., Meeus, G., Mendigutía, I., Montesinos, B., Morales-Calderon, M., Mora, A., Nomura, H., Pantin, E., Pascucci, I., Phillips, N., Pinte, C., Podio, L., Ramsay, S.K., Riaz, B., Riviere-Marichalar, P., Roberge, A., Sandell, G., Solano, E., Tilling, I., Torrelles, J.M., Vandebusche, B., Vicente, S., White, G.J., Woitke, P., 2013, *GASPS - A Herschel Survey of Gas and Dust in Protoplanetary Disks: Summary and Initial Statistics*, PASP, 125, 477
- Riviere-Marichalar, P., Pinte, C., Barrado, D., Thi, W.F., Eiroa, C., Kamp, I., Montesinos, B., Donaldson, J., Augereau, J.C., Huéamo, N., Roberge, A., Ardila, D., Sandell, G., Williams, J.P., Dent, W.R.F., Menard, F., Lillo-Box, J. & Duchêne, G. 2013, *Gas and dust in the TW Hydreae association as seen by the Herschel Space Observatory*, A&A, 555, 67
- Roberge, A., Kamp, I., Montesinos, B., Dent, W.R.F., Meeus, G., Donaldson, J.K., Olofsson, J., Moór, A., Augereau, J.-C., Howard, C., Eiroa, C., Thi, W.-F., Ardila, D.R., Sandell, G., Woitke, P., 2013, *Herschel Observations of Gas and Dust in the Unusual 49 Ceti Debris Disk*, ApJ, 771, 69
- Howard, C.D., Sandell, G., Vacca, W.D., Duchêne, G., Mathews, G., Augereau, J.-C., Barrado, D., Dent, W.R.F., Eiroa, C., Grady, C., Kamp, I., Meeus, G., Ménard, F., Pinte, C., Podio, L., Riviere-Marichalar, P., Roberge, A., Thi, W.-F., Vicente, S., Williams, J.P., 2013, *Herschel/PACS Survey of Protoplanetary Disks in Taurus/Auriga—Observations of [O I] and [C II], and Far-infrared Continuum*, ApJ, 776, 21
- Thi, W.F., Ménard, F., Meeus, G., Carmona, A., Riviere-Marichalar, P., Augereau, J.-C., Kamp, I., Woitke, P., Pinte, C., Mendigutía, I., Eiroa, C., Montesinos, B., Britain, S., Dent, W., 2013, *Nature of the gas and dust around 51 Ophiuchi. Modelling continuum and Herschel line observations*, A&A, 557, 111
- Kamp, I., Thi, W.-F., Meeus, G., Woitke, P., Pinte, C., Meijerink, R., Spaans, M., Pascucci, I., Aresu, G. & Dent, W.R.F. 2013, *Uncertainties in water chemistry in disks: An application to TW Hydreae*, A&A, 559, 24
- Kuulkers, E., Kouveliotou, C., Belloni, T., Cadolle Bel, M., Chenevez, J., *Díaz Trigo, M.*, Homan, J., Ibarra, A., Kennea, J.A., Muñoz-Darias, T., Ness, J.-U., Parmar, A.N., Pollock, A.M.T., van den Heuvel, E.P.J., van der Horst, A.J., 2013, *MAXI J1659-152: the shortest orbital period black-hole transient in outburst*, A&A, 552, 32
- Molaro, P., Centurión, M., Whitmore, J.B., Evans, T.M., Murphy, M.T., Agafonova, I.I., Bonifacio, P., D'Odorico, S., Levshakov, S.A., Lopez, S., Martins, C.J.A.P., Petitjean, P., Rahmani, H., Reimers, D., Srianand, R., Vladilo, G. & Wendt, M. 2013, *The UVES Large Program for testing fundamental physics I. Bounds on a change in α towards quasar HE 2217-2818*, A&A, 555, 68
- Liuzzo, E., Falomo, R., Treves, A., Arcidiacono, C., Torresi, E., Uslenghi, M., Farinato, J., Moretti, A., Ragazzoni, R., Diolaiti, E., Lombini, M., Brast, R., Donaldson, R., Kolb, J., Marchetti, E. & Tordo, S. 2013, *On the Radio and Near-infrared Jet of PKS 2155-304 and Its Close Environment*, AJ, 145, 73
- Villar-Martín, M., Rodríguez, M., Drouart, G., Emonts, B., Colina, L., Humphrey, A., García Burillo, S., Graciá Carpio, J., Planesas, P., Pérez Torres, M. & Arribas, S. 2013, *Molecular gas in type 2 quasars at $z \sim 0.2-0.3$* , MNRAS, 434, 978
- Villar-Martín, M., Emonts, B., Rodríguez, M., Torres, M.P. & Drouart, G. 2013, *SDSS J002531.46-104022.2 at $z = 0.30$: a candidate for the (ultra)luminous infrared galaxy to optical quasar transition*, MNRAS, 432, 2104
- Rocca-Volmerange, B., Drouart, G., De Breuck, C., Vernet, J., Seymour, N., Wylezalek, D., Lehnert, M., Nesvadba, N. & Fioc, M. 2013, *Starburst and old stellar populations in the $z \approx 3.8$ radio galaxies 4C 41.17 and TN J2007-1316*, MNRAS, 429, 2780
- Rameau, J., Chauvin, G., Lagrange, A.-M., Klahr, H., Bonnefoy, M., Mordasini, C., Bonavita, M., Desidera, S., Dumas, C., Girard, J.H. 2013, *A survey of young, nearby, and dusty stars conducted to understand the formation of wide-orbit giant planets. VLT/NaCo adaptive optics thermal and angular differential imaging*, A&A, 553, 60
- Arlot, J.-E., Emelyanov, N.V., Aslan, Z., Assafin, M., Bel, J., Bhatt, B.C., Braga-Ribas, F., Camargo, J.I.B., Casas, R., Colas, F., Coliac, J.F., Dumas, C., Ellington, C.K., Forné, E., Frappa, E., Khamitov, I., Miller, C., Modic, R.J., Sahu, D., Sicardy, B., Tanga, P., Valdes Sada, P. & Vasundhara, R. Vieira-Martins, R. 2013, *Astrometric results of observations of mutual occultations and eclipses of the Uranian satellites in 2007*, A&A, 557, 4
- Merline, W.J., Drummond, J.D., Carry, B., Conrad, A., Tamblyn, P.M., Dumas, C., Kaasalainen, M., Erikson, A., Mottola, S., Durech, J., Rousseau, G., Behrend, R., Casalnuovo, G.B., Chinaglia, B., Christou, J.C., Chapman, C.R. & Neyman, C. 2013, *The Resolved Asteroid Program - Size, shape, and pole of (52) Europa*, Icar, 225, 794
- Renaud, F., Bournaud, F., Emsellem, E., Elmegreen, B., Teyssier, R., Alves, J., Chapon, D., Combes, F., Dekel, A., Gabor, J.,

- Hennebelle, P. & Kraljic, K. 2013, *A sub-parsec resolution simulation of the Milky Way: global structure of the interstellar medium and properties of molecular clouds*, MNRAS, 436, 1836
- Serra, P., Koribalski, B., Duc, P.-A., Oosterloo, T., McDermid, R.M., Michel-Dansac, L., Emsellem, E., Cuillandre, J.-C., Alatalo, K., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Cappellari, M., Crocker, A.F., Davies, R.L., Davis, T.A., de Zeeuw, P.T., Khochfar, S., Krajinović, D., Kuntschner, H., Lablanche, P.-Y., Morganti, R., Naab, T., Sarzi, M., Scott, N., Weijmans, A.-M., Young, L.M., 2013, *Discovery of a giant HI tail in the galaxy group HCG 44*, MNRAS, 428, 370
- van der Laan, T.P.R., Schinnerer, E., Emsellem, E., Meidt, S., Dumas, G., Böker, T., Hunt, L., Haan, S., Mundell, C. & Wozniak, H. 2013, *Explaining two circumnuclear star forming rings in NGC 5248*, A&A, 556, 98
- Hicks, E.K.S., Davies, R.I., Maciejewski, W., Emsellem, E., Malkan, M.A., Dumas, G., Müller-Sánchez, F. & Rivers, A. 2013, *Fueling Active Galactic Nuclei. I. How the Global Characteristics of the Central Kiloparsec of Seyferts Differ from Quiescent Galaxies*, ApJ, 768, 107
- van der Laan, T.P.R., Schinnerer, E., Emsellem, E., Hunt, L.K., McDermid, R.M. & Liu, G. 2013, *How does star formation proceed in the circumnuclear starburst ring of NGC 6951?*, A&A, 551, 81
- Emsellem, E. 2013, *Is the black hole in NGC 1277 really overmassive?*, MNRAS, 433, 1862
- Krajnović, D., Karick, A.M., Davies, R.L., Naab, T., Sarzi, M., Emsellem, E., Cappellari, M., Serra, P., de Zeeuw, P.T., Scott, N., McDermid, R.M., Weijmans, A.-M., Davis, T.A., Alatalo, K., Blitz, L., Bois, M., Bureau, M., Bournaud, F., Crocker, A., Duc, P.-A., Khochfar, S., Kuntschner, H., Morganti, R., Oosterloo, T., Young, L.M., 2013, *The ATLAS3D Project - XXIII. Angular momentum and nuclear surface brightness profiles*, MNRAS, 433, 2812
- Martig, M., Crocker, A.F., Bournaud, F., Emsellem, E., Gabor, J.M., Alatalo, K., Blitz, L., Bois, M., Bureau, M., Cappellari, M., Davies, R.L., Davis, T.A., Dekel, A., de Zeeuw, P.T., Duc, P.-A., Falcón-Barroso, J., Khochfar, S., Krajinović, D., Kuntschner, H., Morganti, R., McDermid, R.M., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Griffin, K.S., Teyssier, R., Weijmans, A.-M., Young, L.M., 2013, *The ATLAS3D project - XXII. Low-efficiency star formation in early-type galaxies: hydrodynamic models and observations*, MNRAS, 432, 1914
- Paudel, S., Duc, P.-A., Côté, P., Cuillandre, J.-C., Ferrarese, L., Ferrière, E., Gwyn, S.D.J., Mihos, J.C., Vollmer, B., Balogh, M.L., Carlberg, R.G., Boissier, S., Boselli, A., Durrell, P.R., Emsellem, E., MacArthur, L.A., Mei, S., Michel-Dansac, L., van Driel, W., 2013, *The Next Generation Virgo Cluster Survey. IV. NGC 4216: A Bombarded Spiral in the Virgo Cluster*, ApJ, 767, 133
- Pastorello, N., Sarzi, M., Cappellari, M., Emsellem, E., Mamon, G.A., Bacon, R., Davies, R.L. & de Zeeuw, P.T. 2013, *The planetary nebulae population in the nuclear regions of M31: the SAURON view*, MNRAS, 430, 1219
- Feldmeier, A., Lützgendorf, N., Neumayer, N., Kissler-Patig, M., Gebhardt, K., Baumgardt, H., Noyola, E., de Zeeuw, P.T. & Jalali, B. 2013, *Indication for an intermediate-mass black hole in the globular cluster NGC 5286 from kinematics*, A&A, 554, 63
- Magdis, G.E., Rigopoulou, D., Helou, G., Farrah, D., Hurley, P., Alonso-Herrero, A., Bock, J., Burgarella, D., Chapman, S., Charmandaris, V., Cooray, A., Dai, Y.S., Dale, D., Elbaz, D., Feltre, A., Hatziminaoglou, E., Huang, J.-S., Morrison, G., Oliver, S., Page, M., Scott, D., Shi, Y., 2013, *Mid- to far-infrared properties of star-forming galaxies and active galactic nuclei*, A&A, 558, 136
- Feltre, A., Hatziminaoglou, E., Hernán-Caballero, A., Fritz, J., Franceschini, A., Bock, J., Cooray, A., Farrah, D., Solares, E.A.G., Ibar, E., Isaak, K.G., Faro, B.L., Marchetti, L., Oliver, S.J., Page, M.J., Rigopoulou, D., Roseboom, I.G., Symeonidis, M. & Vaccari, M. 2013, *The roles of star formation and AGN activity of IRS sources in the HerMES fields*, MNRAS, 434, 2426
- Figuera Jaimes, R., Arellano Ferro, A., Bramich, D.M., Giridhar, S. & Kuppuswamy, K. 2013, *Variable stars in the globular cluster NGC 7492. New discoveries and physical parameter determination*, A&A, 556, 20
- Agius, N.K., Sansom, A.E., Popescu, C.C., Andrae, E., Baes, M., Baldry, I., Bourne, N., Brough, S., Clark, C.J.R., Conselice, C., Cooray, A., Dariush, A., De Zotti, G., Driver, S.P., Dunne, L., Eales, S.A., Foster, C., Gomez, H.L., Häußler, B., Hopkins, A.M., Hopwood, R., Ivison, R.J., Kelvin, L.S., Lara-López, M.A., Liske, J., López-Sánchez, Á.R., Loveday, J., Maddox, S., Madore, B., Phillipps, S., Robotham, A., Rowlands, K., Seibert, M., Smith, M.W.L., Temi, P., Tuffs, R. & Valiante, E. 2013, *GAMA/H-ATLAS: linking the properties of submm detected and undetected early-type galaxies - I. $z \leq 0.06$ sample*, MNRAS, 431, 1929
- Lara-López, M.A., Hopkins, A.M., López-Sánchez, Á.R., Brough, S., Gunawardhana, M.L.P., Colless, M., Robotham, A.S.G., Bauer, A.E., Bland-Hawthorn, J., Cluver, M., Driver, S., Foster, C., Kelvin, L.S., Liske, J., Loveday, J., Owers, M.S., Ponman, T.J., Sharp, R.G., Steele, O., Taylor, E.N. & Thomas, D. 2013, *Galaxy And Mass Assembly (GAMA): a deeper view of the mass, metallicity and SFR relationships*, MNRAS, 434, 451
- Bauer, A.E., Hopkins, A.M., Gunawardhana, M., Taylor, E.N., Baldry, I., Bamford, S.P., Bland-Hawthorn, J., Brough, S., Brown, M.J.I., Cluver, M.E., Colless, M., Conselice, C.J., Croom, S., Driver, S., Foster, C., Jones, D.H., Lara-López, M.A., Liske, J., López-Sánchez, Á.R., Loveday, J., Norberg, P., Owers, M.S., Pimbblet, K., Robotham, A., Sansom, A.E. & Sharp, R. 2013, *Galaxy And Mass Assembly (GAMA): linking star formation histories and stellar mass growth*, MNRAS, 434, 209
- Hopkins, A.M., Driver, S.P., Brough, S., Owers, M.S., Bauer, A.E., Gunawardhana, M.L.P., Cluver, M.E., Colless, M., Foster, C., Lara-López, M.A., Roseboom, I., Sharp, R., Steele, O., Thomas, D., Baldry, I.K., Brown, M.J.I., Liske, J., Norberg, P., Robotham, A.S.G., Bamford, S., Bland-Hawthorn, J., Drinkwater, M.J., Loveday, J., Meyer, M., Peacock, J.A., Tuffs, R., Agius, N., Alpaslan, M., Andrae, E., Cameron, E., Cole, S., Ching, J.H.Y., Christodoulou, L., Conselice, C., Croom, S., Cross, N.J.G., De Propris, R., Delhaize, J., Dunne, L., Eales, S., Ellis, S., Frenk, C.S., Graham, A.W., Grootes, M.W., Häußler, B., Heymans, C., Hill, D., Hoyle, B., Hudson, M., Jarvis, M., Johansson, J., Jones, D.H., van Kampen, E., Kelvin, L., Kuijken, K., López-Sánchez, Á., Maddox, S., Madore, B., Maraston, C., McNaught-Roberts, T., Nichol, R.C., Oliver, S., Ponman, T., Popescu, C.C., Prescott, M., Proctor, R., Sadler, E.M., Sansom, A.E., Seibert, M., Staveley-Smith, L., Sutherland, W., Taylor, E., Van Waerbeke, L., Vázquez-Mata, J.A., Warren, S., Wijesinghe, D.B., Wild, V. & Wilkins, S. 2013, *Galaxy And Mass Assembly (GAMA): spectroscopic analysis*, MNRAS, 430, 2047
- Lara-López, M.A., Hopkins, A.M., López-Sánchez, Á.R., Brough, S., Colless, M., Bland-Hawthorn, J., Driver, S., Foster, C., Liske, J., Loveday, J., Robotham, A.S.G., Sharp, R.G., Steele, O. & Taylor, E.N. 2013, *Galaxy And Mass Assembly (GAMA): the connection between metals, specific SFR and H I gas in galaxies: the Z-SSFR relation*, MNRAS, 433, L35
- Gunawardhana, M.L.P., Hopkins, A.M., Bland-Hawthorn, J., Brough, S., Sharp, R., Loveday, J., Taylor, E., Jones, D.H., Lara-López, M.A., Bauer, A.E., Colless, M., Owers, M., Baldry, I.K., López-Sánchez, Á.R., Foster, C., Bamford, S., Brown, M.J.I., Driver, S.P., Drinkwater, M.J., Liske, J., Meyer, M., Norberg, P., Robotham, A.S.G., Ching, J.H.Y., Cluver, M.E., Croom, S., Kelvin, L., Prescott, M., Steele, O., Thomas, D. & Wang, L. 2013, *Galaxy And Mass Assembly: evolution of the H α luminosity function and star formation rate density up to $z < 0.35$* , MNRAS, 433, 2764

- Pota, V., Forbes, D.A., Romanowsky, A.J., Brodie, J.P., Spitler, L.R., Strader, J., Foster, C., Arnold, J.A., Benson, A., Blom, C., Hargis, J.R., Rhode, K.L. & Usher, C. 2013, *The SLUGGS Survey: kinematics for over 2500 globular clusters in 12 early-type galaxies*, MNRAS, 428, 389
- Foster, C., Arnold, J.A., Forbes, D.A., Pastorello, N., Romanowsky, A.J., Spitler, L.R., Strader, J. & Brodie, J.P. 2013, *The SLUGGS survey: outer triaxiality of the fast rotator elliptical NGC 4473*, MNRAS, 435, 3587
- Freudling, W., Romaniello, M., Bramich, D.M., Ballester, P., Forchi, V., García-Dabló, C.E., Moehler, S. & Neeser, M.J. 2013, *Automated data reduction workflows for astronomy. The ESO Reflex environment*, A&A, 559, 96
- Zaritsky, D., Salo, H., Laurikainen, E., Elmegreen, D., Athanassoula, E., Bosma, A., Comerón, S., Erroz-Ferrer, S., Elmegreen, B., Gadotti, D.A., Gil de Paz, A., Hinz, J.L., Ho, L.C., Holwerda, B.W., Kim, T., Knapen, J.H., Laine, J., Laine, S., Madore, B.F., Meidt, S., Menéndez-Delmestre, K., Mizusawa, T., Muñoz-Mateos, J.C., Regan, M.W., Seibert, M. & Sheth, K. 2013, *On the Origin of Lopsidedness in Galaxies as Determined from the Spitzer Survey of Stellar Structure in Galaxies (S4G)*, ApJ, 772, 135
- Muñoz-Mateos, J.C., Sheth, K., Gil de Paz, A., Meidt, S., Athanassoula, E., Bosma, A., Comerón, S., Elmegreen, D.M., Elmegreen, B.G., Erroz-Ferrer, S., Gadotti, D.A., Hinz, J.L., Ho, L.C., Holwerda, B., Jarrett, T.H., Kim, T., Knapen, J.H., Laine, J., Laurikainen, E., Madore, B.F., Menéndez-Delmestre, K., Mizusawa, T., Regan, M., Salo, H., Schinnerer, E., Seibert, M., Skibba, R. & Zaritsky, D. 2013, *The Impact of Bars on Disk Breaks as Probed by S4G Imaging*, ApJ, 771, 59
- Cisternas, M., Gadotti, D.A., Knapen, J.H., Kim, T., Díaz-García, S., Laurikainen, E., Salo, H., González-Martín, O., Ho, L.C., Elmegreen, B.G., Zaritsky, D., Sheth, K., Athanassoula, E., Bosma, A., Comerón, S., Erroz-Ferrer, S., Gil de Paz, A., Hinz, J.L., Holwerda, B.W., Laine, J., Meidt, S., Menéndez-Delmestre, K., Mizusawa, T., Muñoz-Mateos, J.C., Regan, M.W. & Seibert, M. 2013, *X-Ray Nuclear Activity in S4G Barred Galaxies: No Link between Bar Strength and Co-occurred Supermassive Black Hole Fueling*, ApJ, 776, 50
- Klaassen, P.D., Galván-Madrid, R., Peters, T., Longmore, S.N. & Maercker, M. 2013, *Ionization driven molecular outflow in K3-50A*, A&A, 556, 107
- Galván-Madrid, R., Liu, H.B., Zhang, Z.-Y., Pineda, J.E., Peng, T.-C., Zhang, Q., Keto, E.R., Ho, P.T.P., Rodríguez, L.F., Zapata, L., Peters, T., De Pree, C.G., 2013, *MUSCLE W49: A Multi-Scale Continuum and Line Exploration of the Most Luminous Star Formation Region in the Milky Way. I. Data and the Mass Structure of the Giant Molecular Cloud*, ApJ, 779, 121
- Garrido, H.E., Mennickent, R.E., Djurašević, G., Kołaczkowski, Z., Niemczura, E. & Mennekens, N. 2013, *Physical parameters and evolutionary route for the Large Magellanic Cloud interacting binary OGLE 05155332-6925581*, MNRAS, 428, 1594
- Schaffenroth, V., Geier, S., Drechsel, H., Heber, U., Wils, P., Østensen, R.H., Maxted, P.F.L. & di Scala, G. 2013, *A new bright eclipsing hot subdwarf binary from the ASAS and SuperWASP surveys*, A&A, 553, 18
- Geier, S., Marsh, T.R., Wang, B., Dunlap, B., Barlow, B.N., Schaffenroth, V., Chen, X., Irrgang, A., Maxted, P.F.L., Ziegerer, E., Kupfer, T., Miszalski, B., Heber, U., Han, Z., Shporer, A., Telting, J.H., Gänsicke, B.T., Østensen, R.H., O'Toole, S.J. & Napiwotzki, R. 2013, *A progenitor binary and an ejected mass donor remnant of faint type Ia supernovae*, A&A, 554, 54
- Østensen, R.H., Geier, S., Schaffenroth, V., Telting, J.H., Bloemen, S., Németh, P., Beck, P.G., Lombaert, R., Pápics, P.I., Tillich, A., Ziegerer, E., Fox Machado, L., Littlefair, S., Dhillon, V., Aerts, C., Heber, U., Maxted, P.F.L., Gänsicke, B.T. & Marsh, T.R. 2013, *Binaries discovered by the MUCHFUSS project. FBS 0117+396: An sdB+dM binary with a pulsating primary*, A&A, 559, 35
- Geier, S., Heber, U., Edelmann, H., Morales-Rueda, L., Kilkenney, D., O'Donoghue, D., Marsh, T.R. & Copperwheat, C. 2013, *Hot subdwarf stars in close-up view. IV. Helium abundances and the ^{3}He isotopic anomaly of subdwarf B stars*, A&A, 557, 122
- Geier, S., Heber, U., Heuser, C., Classen, L., O'Toole, S.J. & Edelmann, H. 2013, *The subdwarf B star SB 290 - A fast rotator on the extreme horizontal branch*, A&A, 551, L4
- Gibson, N.P., Aigrain, S., Barstow, J.K., Evans, T.M., Fletcher, L.N. & Irwin, P.G.J. 2013, *A Gemini ground-based transmission spectrum of WASP-29b: a featureless spectrum from 515 to 720 nm*, MNRAS, 428, 3680
- Huitson, C.M., Sing, D.K., Pont, F., Fortney, J.J., Burrows, A.S., Wilson, P.A., Ballester, G.E., Nikolov, N., Gibson, N.P., Deming, D., Aigrain, S., Evans, T.M., Henry, G.W., Lecavelier des Etangs, A., Showman, A.P., Vidal-Madjar, A. & Zahnle, K. 2013, *An HST optical-to-near-IR transmission spectrum of the hot Jupiter WASP-19b: detection of atmospheric water and likely absence of TiO*, MNRAS, 434, 3252
- Wakeford, H.R., Sing, D.K., Deming, D., Gibson, N.P., Fortney, J.J., Burrows, A.S., Ballester, G., Nikolov, N., Aigrain, S., Henry, G., Knutson, H., Lecavelier des Etangs, A., Pont, F., Showman, A.P., Vidal-Madjar, A. & Zahnle, K. 2013, *HST hot Jupiter transmission spectral survey: detection of water in HAT-P-1b from WFC3 near-IR spatial scan observations*, MNRAS, 435, 3481
- Sing, D.K., Lecavelier des Etangs, A., Fortney, J.J., Burrows, A.S., Pont, F., Wakeford, H.R., Ballester, G.E., Nikolov, N., Henry, G.W., Aigrain, S., Deming, D., Evans, T.M., Gibson, N.P., Huitson, C.M., Knutson, H., Showman, A.P., Vidal-Madjar, A., Wilson, P.A., Williamson, M.H. & Zahnle, K. 2013, *HST hot-Jupiter transmission spectral survey: evidence for aerosols and lack of TiO in the atmosphere of WASP-12b*, MNRAS, 436, 2956
- Evans, T.M., Pont, F., Sing, D.K., Aigrain, S., Barstow, J.K., Désert, J.-M., Gibson, N., Heng, K., Knutson, H.A., Lecavelier des Etangs, A., 2013, *The Deep Blue Color of HD 189733b: Albedo Measurements with Hubble Space Telescope/Space Telescope Imaging Spectrograph at Visible Wavelengths*, ApJ, 772, L16
- Gibson, N.P., Aigrain, S., Barstow, J.K., Evans, T.M., Fletcher, L.N. & Irwin, P.G.J. 2013, *The optical transmission spectrum of the hot Jupiter HAT-P-32b: clouds explain the absence of broad spectral features?*, MNRAS, 436, 2974
- Pont, F., Sing, D.K., Gibson, N.P., Aigrain, S., Henry, G. & Husnoo, N. 2013, *The prevalence of dust on the exoplanet HD 189733b from Hubble and Spitzer observations*, MNRAS, 432, 2917
- Barros, S.C.C., Boué, G., Gibson, N.P., Pollacco, D.L., Santerne, A., Keenan, F.P., Skillen, I. & Street, R.A. 2013, *Transit timing variations in WASP-10b induced by stellar activity*, MNRAS, 430, 3032
- Selvelli, P. & Gilmozzi, R. 2013, *An archive study of 18 old novae. I. The UV spectra*, A&A, 560, 49
- Bono, G., Salaris, M. & Gilmozzi, R. 2013, *On the white dwarf cooling sequence with extremely large telescopes*, A&A, 549, 102
- Cantiello, M., Grado, A., Blakeslee, J.P., Raimondo, G., Di Rico, G., Limatola, L., Brocato, E., Della Valle, M. & Gilmozzi, R. 2013, *The distance to NGC 1316 (Fornax A): yet another curious case*, A&A, 552, 106
- Ginsburg, A., Federrath, C. & Darling, J. 2013, *A Measurement of the Turbulence-driven Density Distribution in a Non-star-forming Molecular Cloud*, ApJ, 779, 50
- Currie, T., Burrows, A., Madhusudhan, N., Fukagawa, M., Girard, J.H., Dawson, R., Murray-Clay, R., Kenyon, S., Kuchner, M., Matsumura, S., Jayawardhana, R., Chambers, J. & Bromley, B. 2013, *A Combined Very Large Telescope and Gemini Study of the Atmosphere of the Directly Imaged Planet, β Pictoris b*, ApJ, 776, 15
- Janson, M., Lafrenière, D., Jayawardhana, R., Bonavita, M., Girard, J.H., Brandeker, A. & Gizis, J.E. 2013, *A Multiplicity*

- Census of Intermediate-mass Stars in Scorpius-Centaurus*, ApJ, 773, 170
- Kenworthy, M.A., Meshkat, T., Quanz, S.P., Girard, J.H., Meyer, M.R. & Kasper, M. 2013, *Coronagraphic Observations of Fomalhaut at Solar System Scales*, ApJ, 764, 7
- Delorme, P., Gagné, J., Girard, J.H., Lagrange, A.M., Chauvin, G., Naud, M.-E., Lafrenière, D., Doyon, R., Riedel, A., Bonnefoy, M., Malo, L., 2013, *Direct-imaging discovery of a 12-14 Jupiter-mass object orbiting a young binary system of very low-mass stars*, A&A, 553, L5
- Rameau, J., Chauvin, G., Lagrange, A.-M., Boccaletti, A., Quanz, S.P., Bonnefoy, M., Girard, J.H., Delorme, P., Desidera, S., Klahr, H., Mordasini, C., Dumas, C., Bonavita, M. 2013, *Discovery of a Probable 4-5 Jupiter-mass Exoplanet to HD 95086 by Direct Imaging*, ApJ, 772, L15
- Schödel, R., Yelda, S., Ghez, A., Girard, J.H., Labadie, L., Rebolo, R., Pérez-Garrido, A. & Morris, M.R. 2013, *Holographic imaging of crowded fields: high angular resolution imaging with excellent quality at very low cost*, MNRAS, 429, 1367
- Bonnefoy, M., Boccaletti, A., Lagrange, A.-M., Allard, F., Mordasini, C., Beust, H., Chauvin, G., Girard, J.H.V., Homeier, D., Apai, D., Lacour, S., Rouan, D. 2013, *The near-infrared spectral energy distribution of β Pictoris b*, A&A, 555, 107
- Vaidya, B. & Goddi, C. 2013, *MHD modelling of a disc wind from a high-mass protobinary: the case of Orion Source I*, MNRAS, 429, L50
- Nataf, D.M., Gould, A., Fouqué, P., Gonzalez, O.A., Johnson, J.A., Skowron, J., Udalski, A., Szymański, M.K., Kubak, M., Pietrzyński, G., Soszyński, I., Ulaczyk, K., Wyrzykowski, Ł. & Poleski, R. 2013, *Reddening and Extinction toward the Galactic Bulge from OGLE-III: The Inner Milky Way's RV ~ 2.5 Extinction Curve*, ApJ, 769, 88
- Gonzalez, O.A., Rejkuba, M., Zoccali, M., Valenti, E., Minniti, D. & Tobar, R. 2013, *Reddening and metallicity maps of the Milky Way bulge from VVV and 2MASS. III. The first global photometric metallicity map of the Galactic bulge*, A&A, 552, 110
- Chen, B.Q., Schultheis, M., Jiang, B.W., Gonzalez, O.A., Robin, A.C., Rejkuba, M. & Minniti, D. 2013, *Three-dimensional interstellar extinction map toward the Galactic bulge*, A&A, 550, 42
- Dékány, I., Minniti, D., Catelan, M., Zoccali, M., Saito, R.K., Hempel, M. & Gonzalez, O.A. 2013, *VVV Survey Near-infrared Photometry of Known Bulge RR Lyrae Stars: The Distance to the Galactic Center and Absence of a Barred Distribution of the Metal-poor Population*, ApJ, 776, L19
- Mathews, G.S., Klaassen, P.D., Juhász, A., Harsono, D., Chapillon, E., van Dishoeck, E.F., Espada, D., de Gregorio-Monsalvo, I., Hales, A., Hogerheijde, M.R., Mottram, J.C., Rawlings, M.G., Takahashi, S. & Testi, L. 2013, *ALMA imaging of the CO snowline of the HD 163296 disk with DCO+*, A&A, 557, 132
- Grosbol, P. & Dottori, H. 2013, *Mortality and dust expulsion in early phases of stellar clusters. Evidence from NIR photometry of nearby, spiral galaxies*, A&A, 551, L13
- Santos, J.F.C., Dottori, H. & Grosbol, P. 2013, *Properties of young star cluster systems: the age signature from near-infrared integrated colours*, A&A, 553, 74
- Monguió, M., Figueras, F. & Grosbol, P. 2013, *Strömgren photometric survey in the Galactic anticenter direction*, A&A, 549, 78
- Savaglio, S. & Grothkopf, U. 2013, *Swift Publication Statistics: A Comparison With Other Major Observatories*, PASP, 125, 287
- Tozzi, G.P., Epifani, E.M., Hainaut, O.R., Patriarchi, P., Lara, L., Brucato, J.R., Boehnhardt, H., Bó, M.D., Licandro, J., Meech, K. & Tanga, P. 2013, *Activity of Comet 103P/Hartley 2 at the time of the EPOXI mission fly-by*, Icar, 222, 766
- Meech, K.J., Yang, B., Kleyna, J., Ansdell, M., Chiang, H.-F., Hainaut, O., Vincent, J.-B., Boehnhardt, H., Fitzsimmons, A., Rector, T., Riesen, T., Keane, J.V., Reipurth, B., Hsieh, H.H., Michaud, P., Milani, G., Bryssinck, E., Ligustri, R., Trabatti, R., Tozzi, G.-P., Mottola, S., Kuehrt, E., Bhatt, B., Sahu, D., Lisse, C., Denneau, L., Jedicke, R., Magnier, E., Wainscoat, R., 2013, *Outgassing Behavior of C/2012 S1 (ISON) from 2011 September to 2013 June*, ApJ, 776, L20
- Kleyna, J., Hainaut, O.R. & Meech, K.J. 2013, *P/2010 A2 LINEAR. II. Dynamical dust modelling*, A&A, 549, 13
- Sonnott, S., Meech, K., Jedicke, R., Bus, S., Tonry, J. & Hainaut, O. 2013, *Testing Accuracy and Precision of Existing Photometry Algorithms on Moving Targets*, PASP, 125, 456
- Meech, K.J., Kleyna, J., Hainaut, O.R., Lowry, S.C., Fuse, T., A'Hearn, M.F., Chesley, S., Yeomans, D.K., Fernández, Y., Lisse, C., Reach, W., Bauer, J.M., Mainzer, A.K., Pittichová, J., Christensen, E., Osip, D., Brink, T., Mateo, M., Motta, V., Challis, P., Holman, M. & Ferrín, I. 2013, *The demise of Comet 85P/Boethin, the first EPOXI mission target*, Icar, 222, 662
- Riechers, D.A., Bradford, C.M., Clements, D.L., Dowell, C.D., Pérez-Fournon, I., Ivison, R.J., Bridge, C., Conley, A., Fu, H., Vieira, J.D., Wardlow, J., Calanog, J., Cooray, A., Hurley, P., Neri, R., Kamenetzky, J., Aguirre, J.E., Altieri, B., Arumugam, V., Benford, D.J., Béthermin, M., Bock, J., Burgarella, D., Cabrera-Lavers, A., Chapman, S.C., Cox, P., Dunlop, J.S., Earle, L., Farrah, D., Ferrero, P., Franceschini, A., Gavazzi, R., Glenn, J., Solares, E.A.G., Gurwell, M.A., Halpern, M., Hatziminaoglou, E., Hyde, A., Ibar, E., Kovács, A., Krips, M., Lupu, R.E., Maloney, P.R., Martinez-Navajas, F., Matsuhara, H., Murphy, E.J., Naylor, B.J., Nguyen, H.T., Oliver, S.J., Omont, A., Page, M.J., Petitpas, G., Rangwala, N., Roseboom, I.G., Scott, D., Smith, A.J., Staguhn, J.G., Strebyanska, A., Thomson, A.P., Valtchanov, I., Viero, M., Wang, L., Zemcov, M. & Zmuidzinhas, J. 2013, *A dust-obscured massive maximum-starburst galaxy at a redshift of 6.34*, Natur, 496, 329
- Wardlow, J.L., Cooray, A., De Bernardis, F., Amblard, A., Arumugam, V., Aussel, H., Baker, A.J., Béthermin, M., Blundell, R., Bock, J., Boselli, A., Bridge, C., Buat, V., Burgarella, D., Bussmann, R.S., Cabrera-Lavers, A., Calanog, J., Carpenter, J.M., Casey, C.M., Castro-Rodríguez, N., Cava, A., Chanial, P., Chapin, E., Chapman, S.C., Clements, D.L., Conley, A., Cox, P., Dowell, C.D., Dye, S., Eales, S., Farrah, D., Ferrero, P., Franceschini, A., Frayer, D.T., Frazer, C., Fu, H., Gavazzi, R., Glenn, J., González Solares, E.A., Griffin, M., Gurwell, M.A., Harris, A.I., Hatziminaoglou, E., Hopwood, R., Hyde, A., Ibar, E., Ivison, R.J., Kim, S., Lagache, G., Levenson, L., Marchetti, L., Marsden, G., Martinez-Navajas, P., Negrello, M., Neri, R., Nguyen, H.T., O'Halloran, B., Oliver, S.J., Omont, A., Page, M.J., Panuzzo, P., Papageorgiou, A., Pearson, C.P., Pérez-Fournon, I., Pohlen, M., Riechers, D., Rigopoulou, D., Roseboom, I.G., Rowan-Robinson, M., Schulz, B., Scott, D., Scoville, N., Seymour, N., Shupe, D.L., Smith, A.J., Strebyanska, A., Strom, A., Symeonidis, M., Trichas, M., Vaccari, M., Vieira, J.D., Viero, M., Wang, L., Xu, C.K., Yan, L. & Zemcov, M. 2013, *HerMES: Candidate Gravitationally Lensed Galaxies and Lensing Statistics at Submillimeter Wavelengths*, ApJ, 762, 59
- Viero, M.P., Wang, L., Zemcov, M., Addison, G., Amblard, A., Arumugam, V., Aussel, H., Béthermin, M., Bock, J., Boselli, A., Buat, V., Burgarella, D., Casey, C.M., Clements, D.L., Conley, A., Conversi, L., Cooray, A., De Zotti, G., Dowell, C.D., Farrah, D., Franceschini, A., Glenn, J., Griffin, M., Hatziminaoglou, E., Heinis, S., Ibar, E., Ivison, R.J., Lagache, G., Levenson, L., Marchetti, L., Marsden, G., Nguyen, H.T., O'Halloran, B., Oliver, S.J., Omont, A., Page, M.J., Papageorgiou, A., Pearson, C.P., Pérez-Fournon, I., Pohlen, M., Rigopoulou, D., Roseboom, I.G., Rowan-Robinson, M., Schulz, B., Scott, D., Seymour, N., Shupe, D.L., Smith, A.J., Symeonidis, M., Vaccari, M., Valtchanov, I., Vieira, J.D., Wardlow, J. & Xu, C.K. 2013, *HerMES: Cosmic Infrared Background Anisotropies and the Clustering of Dusty Star-forming Galaxies*, ApJ, 772, 77
- Berta, S., Lutz, D., Santini, P., Wuyts, S., Rosario, D., Brisbin, D., Cooray, A., Franceschini, A., Gruppioni, C., Hatziminaoglou, E., Hwang, H.S., Le Floch, E., Magnelli, B., Nordon, R., Oliver, S., Page, M.J., Popesso, P., Pozzetti, L., Pozzi, F.,

- Riguccini, L., Rodighiero, G., Roseboom, I., Scott, D., Symeonidis, M., Valtchanov, I., Viero, M. & Wang, L. 2013, *Panchromatic spectral energy distributions of Herschel sources*, A&A, 551, 100
- Symeonidis, M., Vaccari, M., Berta, S., Page, M.J., Lutz, D., Arumugam, V., Aussel, H., Bock, J., Boselli, A., Buat, V., Capak, P.L., Clements, D.L., Conley, A., Conversi, L., Cooray, A., Dowell, C.D., Farrah, D., Franceschini, A., Giovannoli, E., Glenn, J., Griffin, M., Hatziminaoglou, E., Hwang, H.-S., Ibar, E., Ilbert, O., Ivison, R.J., Floc'h, E.L., Lilly, S., Kartaltepe, J.S., Magnelli, B., Magdis, G., Marchetti, L., Nguyen, H.T., Nordon, R., O'Halloran, B., Oliver, S.J., Omont, A., Papageorgiou, A., Patel, H., Pearson, C.P., Pérez-Fournon, I., Pohlen, M., Popesso, P., Pozzi, F., Rigopoulou, D., Riguccini, L., Rosario, D., Roseboom, I.G., Rowan-Robinson, M., Salvato, M., Schulz, B., Scott, D., Seymour, N., Shupe, D.L., Smith, A.J., Valtchanov, I., Wang, L., Xu, C.K., Zemcov, M., Wuyts, S., 2013, *The Herschel census of infrared SEDs through cosmic time*, MNRAS, 431, 2317
- Roseboom, I.G., Dunlop, J.S., Cirasulo, M., Geach, J.E., Smail, I., Halpern, M., Werf, P.v.d., Almaini, O., Arumugam, V., Asboth, V., Auld, R., Blain, A., Bremer, M.N., Bock, J., Bowler, R.A.A., Buitrago, F., Chapin, E., Chapman, S., Chrysostomou, A., Clarke, C., Conley, A., Coppin, K.E.K., Danielson, A.L.R., Farrah, D., Glenn, J., Hatziminaoglou, E., Ibar, E., Ivison, R.J., Jenness, T., Kampen, E.v., Karim, A., Mackenzie, T., Marsden, G., Meijerink, R., Michałowski, M.J., Oliver, S.J., Page, M.J., Pearson, E., Scott, D., Simpson, J.M., Smith, D.J.B., Spaans, M., Swinbank, A.M., Symeonidis, M., Targett, T., Vallante, E., Viero, M., Wang, L., Willott, C.J. & Zemcov, M. 2013, *The SCUBA-2 Cosmology Legacy Survey: demographics of the 450- μ m population*, MNRAS, 436, 430
- Soria, R., Hau, G.K.T. & Pakull, M.W. 2013, *Kinematics of the Intermediate-mass Black Hole Candidate HLX-1*, ApJ, 768, L22
- Hickson, P., Gagné, R., Pfrommer, T. & Steinbring, E. 2013, *Astronomical seeing and ground-layer turbulence in the Canadian High Arctic*, MNRAS, 433, 307
- Huckvale, L., Prouse, B., Jones, D., Lloyd, M., Pollacco, D., López, J.A., O'Brien, T.J., Sabin, L. & Vaytet, N.M.H. 2013, *Spatio-kinematic modelling of Abell 65, a double-shelled planetary nebula with a binary central star*, MNRAS, 434, 1505
- Hillen, M., Verhoelst, T., Van Winckel, H., Chesneau, O., Hummel, C.A., Monnier, J.D., Farrington, C., Tycner, C., Mourard, D., ten Brummelaar, T., Banerjee, D.P.K. & Zavala, R.T. 2013, *An interferometric study of the post-AGB binary 89 Herculis. I. Spatially resolving the continuum circumstellar environment at optical and near-IR wavelengths with the VLTI, NPOI, IOTA, PTI, and the CHARA Array*, A&A, 559, 111
- Hummel, C.A., Rivinius, T., Nieva, M.-F., Stahl, O., van Belle, G., Zavala, R.T. 2013, *Dynamical mass of the O-type supergiant in ζ Orionis A*, A&A, 554, 52
- Greenhill, L.J., Goddi, C., Chandler, C.J., Matthews, L.D. & Humphreys, E.M.L. 2013, *Dynamical Evidence for a Magnetocentrifugal Wind from a 20 M \odot Binary Young Stellar Object*, ApJ, 770, L32
- Humphreys, E.M.L., Reid, M.J., Moran, J.M., Greenhill, L.J. & Argon, A.L. 2013, *Toward a New Geometric Distance to the Active Galaxy NGC 4258. III. Final Results and the Hubble Constant*, ApJ, 775, 13
- Ardila, D.R., Herczeg, G.J., Gregory, S.G., Ingleby, L., France, K., Brown, A., Edwards, S., Johns-Krull, C., Linsky, J.L., Yang, H., Valenti, J.A., Abgrall, H., Alexander, R.D., Bergin, E., Bethell, T., Brown, J.M., Calvet, N., Espaillat, C., Hillenbrand, L.A., Hussain, G., Roueff, E., Schindhelm, E.R. & Walter, F.M. 2013, *Hot Gas Lines in T Tauri Stars*, ApJS, 207, 1
- Donati, J.-F., Gregory, S.G., Alencar, S.H.P., Hussain, G., Bouvier, J., Jardine, M.M., Ménard, F., Dougados, C. & Romanova, M.M.MaPP collaboration, M.c. 2013, *Magnetospheric accretion on the fully convective classical T Tauri star DN Tau*, MNRAS, 436, 881
- Morin, J., Jardine, M., Reiners, A., Shulyak, D., Beeck, B., Hallinan, G., Hebb, L., Hussain, G., Jeffers, S.V., Kochukhov, O., Vidotto, A. & Walkowicz, L. 2013, *Multiple views of magnetism in cool stars*, AN, 334, 48
- Lemasle, B., Françoise, P., Genovali, K., Kovtyukh, V.V., Bono, G., Inno, L., Laney, C.D., Kaper, L., Bergemann, M., Fabrizio, M., Matsunaga, N., Pedicelli, S., Primas, F. & Romaniello, M. 2013, *Galactic abundance gradients from Cepheids. α and heavy elements in the outer disk*, A&A, 558, 31
- Inno, L., Matsunaga, N., Bono, G., Caputo, F., Buonanno, R., Genovali, K., Laney, C.D., Marconi, M., Piersimoni, A.M., Primas, F. & Romaniello, M. 2013, *On the Distance of the Magellanic Clouds Using Cepheid NIR and Optical-NIR Period-Wesenheit Relations*, ApJ, 764, 84
- Iribarren, A., Andreani, P., Gruppioni, C., February, S., Ribeiro, M.B., Berta, S., Le Floc'h, E., Magnelli, B., Nordon, R., Popesso, P., Pozzi, F. & Riguccini, L. 2013, *Cosmological model dependence of the galaxy luminosity function: far-infrared results in the Lemaître-Tolman-Bondi model*, A&A, 558, 15
- Ivanov, V.D., Minniti, D., Hempel, M., Kurtev, R., Toledo, I., Saito, R.K., Alonso-García, J., Beamín, J.C., Borissova, J., Catelan, M., Chené, A.-N., Emerson, J., González, Ó.A., Lucas, P.W., Martín, E.L., Rejkuba, M., Gromadzki, M., 2013, *Discovery of new companions to high proper motion stars from the VVV Survey*, A&A, 560, 21
- Chené, A.-N., Borissova, J., Bonatto, C., Majaess, D.J., Baume, G., Clarke, J.R.A., Kurtev, R., Schnurr, O., Bouret, J.-C., Catelan, M., Emerson, J.P., Feinstein, C., Geisler, D., de Grijs, R., Hervé, A., Ivanov, V.D., Kumar, M.S.N., Lucas, P., Mahy, L., Martins, F., Mauro, F., Minniti, D., Moni Bidin, C., 2013, *Massive open star clusters using the VVV survey. II. Discovery of six clusters with Wolf-Rayet stars*, A&A, 549, 98
- Beamín, J.C., Minniti, D., Gromadzki, M., Kurtev, R., Ivanov, V.D., Beletsky, Y., Lucas, P., Saito, R.K. & Borissova, J. 2013, *One more neighbor: The first brown dwarf in the VVV survey*, A&A, 557, L8
- Lodieie, N., Ivanov, V.D. & Dobbie, P.D. 2013, *Proper motions of USco T-type candidates*, MNRAS, 430, 1784
- Cesetti, M., Pizzella, A., Ivanov, V.D., Morelli, L., Corsini, E.M. & Dalla Bontà, E. 2013, *The Infrared Telescope Facility (IRTF) spectral library: Spectral diagnostics for cool stars*, A&A, 549, 129
- Cioni, M.-R.L., Kamath, D., Rubele, S., van Loon, J.T., Wood, P.R., Emerson, J.P., Gibson, B.K., Groenewegen, M.A.T., Ivanov, V.D. & Miszalski, B. 2013, *The VMC Survey. VI. Quasars behind the Magellanic system*, A&A, 549, 29
- Tatton, B.L., van Loon, J.T., Cioni, M.-R., Clementini, G., Emerson, J.P., Girardi, L., de Grijs, R., Groenewegen, M.A.T., Gulieuszik, M., Ivanov, V.D., Moretti, M.I., Ripepi, V., Rubele, S. 2013, *The VMC survey. VII. Reddening map of the 30 Doradus field and the structure of the cold interstellar medium*, A&A, 554, 33
- Raimundo, S.I., Davies, R.I., Gandhi, P., Fabian, A.C., Canning, R.E.A. & Ivanov, V.D. 2013, *The black hole and central stellar population of MCG-6-30-15*, MNRAS, 431, 2294
- Simmerer, J., Ivans, I.I., Filler, D., Francois, P., Charbonnel, C., Monier, R. & James, G. 2013, *Star-to-star Iron Abundance Variations in Red Giant Branch Stars in the Galactic Globular Cluster NGC 3201*, ApJ, 764, L7
- Sanhueza, P., Jackson, J.M., Foster, J.B., Jimenez-Serra, I., Dirienzo, W.J. & Pillai, T. 2013, *Distinct Chemical Regions in the "Prestellar" Infrared Dark Cloud G028.23-00.19*, ApJ, 773, 123
- Rivilla, V.M., Martín-Pintado, J., Sanz-Forcada, J., Jiménez-Serra, I. & Rodríguez-Franco, A. 2013, *X-ray embedded stars as driving sources of outflow-driven turbulence in OMC1-S*, MNRAS, 434, 2313
- Jenkins, J.S., Jones, H.R.A., Tuomi, M., Murgas, F., Hoyer, S., Jones, M.I., Barnes, J.R., Pavlenko, Y.V., Ivanyuk, O., Rojo, P., Jordán, A., Day-Jones, A.C., Ruiz, M.T. & Pinfield, D.J.

- 2013, *A Hot Uranus Orbiting the Super Metal-rich Star HD 77338 and the Metallicity-Mass Connection*, ApJ, 766, 67
- Jones, M.I., Jenkins, J.S., Rojo, P., Melo, C.H.F. & Bluhm, P. 2013, *Study of the impact of the post-MS evolution of the host star on the orbits of close-in planets. II. A giant planet in a close-in orbit around the RGB star HIP 63242*, A&A, 556, 78
- Davies, R.I., Agudo Berbel, A., Wiezorek, E., Cirasuolo, M., Förster Schreiber, N.M., Jung, Y., Muschielok, B., Ott, T., Ramsay, S., Schlichter, J., Sharples, R. & Wegner, M. 2013, *The Software Package for Astronomical Reductions with KMOS: SPARK*, A&A, 558, 56
- Fruth, T., Cabrera, J., Chini, R., Csizmadia, S., Dreyer, C., Eigmüller, P., Erikson, A., Kabath, P., Kirste, S., Lemke, R., Murphy, M., Pasternacki, T., Rauer, H. & Titz-Weider, R. 2013, *The Berlin Exoplanet Search Telescope II Catalog of Variable Stars. I. Characterization of Three Southern Target Fields*, AJ, 146, 136
- Balona, L.A., Catanzaro, G., Crause, L., Cunha, M.S., Gandolfi, D., Hatzes, A., Kabath, P., Uytterhoeven, K. & De Cat, P. 2013, *The unusual roAp star KIC 8677585*, MNRAS, 432, 2808
- Klagyivik, P., Csizmadia, S., Pasternacki, T., Fruth, T., Erikson, A., Cabrera, J., Chini, R., Eigmüller, P., Kabath, P., Kirste, S., Lemke, R., Murphy, M., Rauer, H. & Titz-Weider, R. 2013, *Variability Survey in the CoRoT SRa01 Field: Implications of Eclipsing Binary Distribution on Cluster Formation in NGC 2264*, ApJ, 773, 54
- Kains, N., Street, R.A., Choi, J.-Y., Han, C., Udalski, A., Almeida, L.A., Jablonski, F., Tristram, P.J., Jørgensen, U.G., Szymański, M.K., Kubiak, M., Pietrzyński, G., Soszyński, I., Poleski, R., Kozłowski, S., Pietrukowicz, P., Ulaczyk, K., Wyrzykowski, Ł., Skowron, J., Alsubai, K.A., Bozza, V., Browne, P., Burgdorf, M.J., Calchi Novati, S., Dodds, P., Dominik, M., Dreizler, S., Fang, X.-S., Grundahl, F., Gu, C.-H., Hardis, S., Harpsøe, K., Hessman, F.V., Hinse, T.C., Hornstrup, A., Hundertmark, M., Jessen-Hansen, J., Kerins, E., Liebig, C., Lund, M., Lundkvist, M., Mancini, L., Mathiasen, M., Penny, M.T., Rahvar, S., Ricci, D., Sahu, K.C., Scarpetta, G., Skottfelt, J., Snodgrass, C., Southworth, J., Surdej, J., Tregloan-Reed, J., Wambsganss, J., Wertz, O., Bajek, D., Bramich, D.M., Horne, K., Ipatov, S., Steele, I.A., Tsapras, Y., Abe, F., Bennett, D.P., Bond, I.A., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Furusawa, K., Itow, Y., Ling, C.H., Masuda, K., Matsubara, Y., Miyake, N., Muraki, Y., Nagayama, T., Nishimaya, S., Ohnishi, K., Rattenbury, N., Saito, T., Sullivan, D.J., Sumi, T., Suzuki, D., Suzuki, K., Sweatman, W.L., Takino, S., Wada, K., Yock, P.C.M., Allen, W., Batista, V., Chung, S.-J., Christie, G., DePoy, D.L., Drummond, J., Gaudi, B.S., Gould, A., Henderson, C., Jung, Y.-K., Koo, J.-R., Lee, C.-U., McCormick, J., McGregor, D., Muñoz, J.A., Natusch, T., Ngan, H., Park, H., Pogge, R.W., Shin, I.-G., Yee, J., Albrow, M.D., Bachelet, E., Beaulieu, J.-P., Brillant, S., Caldwell, J.A.R., Cassan, A., Cole, A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Fouqué, P., Greenhill, J., Kane, S.R., Kubas, D., Marquette, J.-B., Martin, R., Meintjes, P., Menzies, J., Pollard, K.R., Williams, A., Wouters, D., Zub, M., 2013, *A giant planet beyond the snow line in microlensing event OGLE-2011-BLG-0251*, A&A, 552, 70
- Kains, N., Bramich, D.M., Arellano Ferro, A., Figuera Jaimes, R., Jørgensen, U.G., Giridhar, S., Penny, M.T., Alsubai, K.A., Andersen, J.M., Bozza, V., Browne, P., Burgdorf, M., Calchi Novati, S., Damerdji, Y., Diehl, C., Dodds, P., Dominik, M., Elyiv, A., Fang, X.-S., Giannini, E., Gu, S.-H., Hardis, S., Harpsøe, K., Hinse, T.C., Hornstrup, A., Hundertmark, M., Jessen-Hansen, J., Juncher, D., Kerins, E., Kjeldsen, H., Korhonen, H., Liebig, C., Lund, M.N., Lundkvist, M., Mancini, L., Martin, R., Mathiasen, M., Rabus, M., Rahvar, S., Ricci, D., Sahu, K., Scarpetta, G., Skottfelt, J., Snodgrass, C., Southworth, J., Surdej, J., Tregloan-Reed, J., Vilela, C., Wertz, O., Williams, A., 2013, *Estimating the parameters of globular cluster M 30 (NGC 7099) from time-series photometry*, A&A, 555, 36
- Southworth, J., Mancini, L., Browne, P., Burgdorf, M., Calchi Novati, S., Dominik, M., Gerner, T., Hinse, T.C., Jørgensen, U.G., Kains, N., Ricci, D., Schäfer, S., Schönebeck, F., Tregloan-Reed, J., Alsubai, K.A., Bozza, V., Chen, G., Dodds, P., Dreizler, S., Fang, X.-S., Finet, F., Gu, S.-H., Hardis, S., Harpsøe, K., Henning, T., Hundertmark, M., Jessen-Hansen, J., Kerins, E., Kjeldsen, H., Liebig, C., Lund, M.N., Lundkvist, M., Mathiasen, M., Nikolov, N., Penny, M.T., Proft, S., Rahvar, S., Sahu, K., Scarpetta, G., Skottfelt, J., Snodgrass, C., Surdej, J., Wertz, O., 2013, *High-precision photometry by telescope defocusing - V. WASP-15 and WASP-16*, MNRAS, 434, 1300
- Street, R.A., Choi, J.-Y., Tsapras, Y., Han, C., Furusawa, K., Hundertmark, M., Gould, A., Sumi, T., Bond, I.A., Wouters, D., Zellem, R., Udalski, A., The RoboNet Collaboration, T.R.C., Snodgrass, C., Horne, K., Dominik, M., Browne, P., Kains, N., Bramich, D.M., Bajek, D., Steele, I.A., Ipatov, S., The MOA Collaboration, T.M.C., Abe, F., Bennett, D.P., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Harris, P., Itow, Y., Ling, C.H., Masuda, K., Matsubara, Y., Miyake, N., Muraki, Y., Nagayama, T., Nishimaya, S., Ohnishi, K., Rattenbury, N., Saito, T., Sullivan, D.J., Suzuki, D., Sweatman, W.L., Tristram, P.J., Wada, K., Yock, P.C.M., The OGLE Collaboration, T.O.C., Szymański, M.K., Kubiak, M., Pietrzyński, G., Soszyński, I., Poleski, R., Ulaczyk, K., Wyrzykowski, Ł., The µFUN Collaboration, T.µ.C., Yee, J., Dong, S., Shin, I.-G., Lee, C.-U., Skowron, J., De Almeida, L.A., DePoy, D.L., Gaudi, B.S., Hung, L.-W., Jablonski, F., Kaspi, S., Klein, N., Hwang, K.-H., Koo, J.-R., Maoz, D., Muñoz, J.A., Pogge, R.W., Polishhook, D., Shporer, A., McCormick, J., Christie, G., Natusch, T., Allen, B., Drummond, J., Moorhouse, D., Thornley, G., Knowler, M., Bos, M., Bolt, G., The PLANET Collaboration, T.P.C., Beaulieu, J.-P., Albrow, M.D., Batista, V., Brillant, S., Caldwell, J.A.R., Cassan, A., Cole, A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Fouqué, P., Bachelet, E., Greenhill, J., Kane, S.R., Kubas, D., Marquette, J.-B., Martin, R., Menzies, J., Pollard, K.R., Sahu, K.C., Wambsganss, J., Williams, A., Zub, M., MiNDSTEp, M., Alsubai, K.A., Bozza, V., Burgdorf, M.J., Calchi Novati, S., Dodds, P., Dreizler, S., Finet, F., Gerner, T., Hardis, S., Harpsøe, K., Hessman, F., Hinse, T.C., Jørgensen, U.G., Kerins, E., Liebig, C., Mancini, L., Mathiasen, M., Penny, M.T., Proft, S., Rahvar, S., Ricci, D., Scarpetta, G., Schäfer, S., Schönebeck, F., Southworth, J., Surdej, J., 2013, *MOA-2010-BLG-073L: An M-dwarf with a Substellar Companion at the Planet/Brown Dwarf Boundary*, ApJ, 763, 67
- Gould, A., Yee, J.C., Bond, I.A., Udalski, A., Han, C., Jørgensen, U.G., Greenhill, J., Tsapras, Y., Pinsonneault, M.H., Bensby, T., Allen, W., Almeida, L.A., Bos, M., Christie, G.W., DePoy, D.L., Dong, S., Gaudi, B.S., Hung, L.-W., Jablonski, F., Lee, C.-U., McCormick, J., Moorhouse, D., Muñoz, J.A., Natusch, T., Nola, M., Pogge, R.W., Skowron, J., Thornley, G., The µFUN Collaboration, T.µ.C., Abe, F., Bennett, D.P., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Furusawa, K., Harris, P., Itow, Y., Ling, C.H., Masuda, K., Matsubara, Y., Miyake, N., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Sumi, T., Suzuki, D., Sweatman, W.L., Tristram, P.J., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Szymański, M.K., Soszyński, I., Kubiak, M., Poleski, R., Ulaczyk, K., Pietrzyński, G., Wyrzykowski, Ł., The OGLE Collaboration, T.O.C., Alsubai, K.A., Bozza, V., Browne, P., Burgdorf, M.J., Calchi Novati, S., Dodds, P., Dominik, M., Finet, F., Gerner, T., Hardis, S., Harpsøe, K., Hessman, F.V., Hinse, T.C., Hundertmark, M., Kains, N., Kerins, E., Liebig, C., Mancini, L., Mathiasen, M., Penny, M.T., Proft, S., Rahvar, S., Ricci, D., Sahu, K.C., Scarpetta, G., Schäfer, S., Schönebeck, F., Snodgrass, C., Southworth, J., Surdej, J., Wambsganss, J., MiNDSTEp Consortium, T., Street, R.A., Horne, K., Bramich, D.M., Steele, I.A., The RoboNet Collaboration, T.R.C., Albrow,

- M.D., Bachelet, E., Batista, V., Beatty, T.G., Beaulieu, J.-P., Bennett, C.S., Bowens-Rubin, R., Brilliant, S., Caldwell, J.A.R., Cassan, A., Cole, A.A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Fouqué, P., Henderson, C.B., Kubas, D., Marquette, J.-B., Martin, R., Menzies, J.W., Shappee, B., Williams, A., van Saders, J., Zub, M., The PLANET Collaboration, T.P.C., 2013, *MOA-2010-BLG-523: "Failed Planet" = RS CVn Star*, ApJ, 763, 141
- Choi, J.-Y., Han, C., Udalski, A., Sumi, T., Gaudi, B.S., Gould, A., Bennett, D.P., Dominik, M., Beaulieu, J.-P., Tsapras, Y., Bozza, V., Abe, F., Bond, I.A., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Furusawa, K., Itow, Y., Ling, C.H., Masuda, K., Matsubara, Y., Miyake, N., Muraki, Y., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Suzuki, K., Sweatman, W.L., Suzuki, D., Takino, S., Tristram, P.J., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Szymański, M.K., Kubiak, M., Pietrzyński, G., Soszyński, I., Skowron, J., Kołłowski, S., Poleski, R., Ulaczyk, K., Wyrzykowski, Ł., Pietrukowicz, P., The OGLE Collaboration, T.O.C., Almeida, L.A., DePoy, D.L., Dong, S., Gorbikov, E., Jablonski, F., Henderson, C.B., Hwang, K.-H., Janczak, J., Jung, Y.-K., Kaspi, S., Lee, C.-U., Malamud, U., Maoz, D., McGregor, D., Muñoz, J.A., Park, B.-G., Park, H., Pogge, R.W., Shvartzvald, Y., Shin, I.-G., Yee, J.C., The µFUN Collaboration, T.µ.C., Alsabai, K.A., Browne, P., Burgdorf, M.J., Calchi Novati, S., Dodds, P., Fang, X.-S., Finet, F., Glitrup, M., Grundahl, F., Gu, S.-H., Hardis, S., Harpsøe, K., Hinse, T.C., Hornstrup, A., Hundertmark, M., Jessen-Hansen, J., Jørgensen, U.G., Kains, N., Kerins, E., Liebig, C., Lund, M.N., Lundkvist, M., Maier, G., Mancini, L., Mathiasen, M., Penny, M.T., Rahvar, S., Ricci, D., Scarpetta, G., Skottfelt, J., Snodgrass, C., Southworth, J., Surdej, J., Tregloan-Reed, J., Wambsganss, J., Wertz, O., Zimmer, F., MiNDSTEp Consortium, T., Albrow, M.D., Bachelet, E., Batista, V., Brilliant, S., Cassan, A., Cole, A.A., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Fouqué, P., Greenhill, J., Kubas, D., Marquette, J.-B., Menzies, J.W., Sahu, K.C., Zub, M., The PLANET Collaboration, T.P.C., Bramich, D.M., Horne, K., Steele, I.A., Street, R.A., The RoboNet Collaboration, T.R.C., 2013, *Microlensing Discovery of a Population of Very Tight, Very Low Mass Binary Brown Dwarfs*, ApJ, 768, 129
- Mancini, L., Ciceri, S., Chen, G., Tregloan-Reed, J., Fortney, J.J., Southworth, J., Tan, T.G., Burgdorf, M., Calchi Novati, S., Dominik, M., Fang, X.-S., Finet, F., Gerner, T., Hardis, S., Hinse, T.C., Jørgensen, U.G., Liebig, C., Nikolov, N., Ricci, D., Schäfer, S., Schönebeck, F., Skottfelt, J., Wertz, O., Alsabai, K.A., Bozza, V., Browne, P., Dodds, P., Gu, S.-H., Harpsøe, K., Henning, T., Hundertmark, M., Jessen-Hansen, J., Kains, N., Kerins, E., Kjeldsen, H., Lund, M.N., Lundkvist, M., Madhusudhan, N., Mathiasen, M., Penny, M.T., Prof, S., Rahvar, S., Sahu, K., Scarpetta, G., Snodgrass, C., Surdej, J., 2013, *Physical properties, transmission and emission spectra of the WASP-19 planetary system from multi-colour photometry*, MNRAS, 436, 2
- Harpsøe, K.B.W., Hardis, S., Hinse, T.C., Jørgensen, U.G., Mancini, L., Southworth, J., Alsabai, K.A., Bozza, V., Browne, P., Burgdorf, M.J., Calchi Novati, S., Dodds, P., Dominik, M., Fang, X.-S., Finet, F., Gerner, T., Gu, S.-H., Hundertmark, M., Jessen-Hansen, J., Kains, N., Kerins, E., Kjeldsen, H., Liebig, C., Lund, M.N., Lundkvist, M., Mathiasen, M., Nesvorný, D., Nikolov, N., Penny, M.T., Prof, S., Rahvar, S., Ricci, D., Sahu, K.C., Scarpetta, G., Schäfer, S., Schönebeck, F., Snodgrass, C., Skottfelt, J., Surdej, J., Tregloan-Reed, J., Wertz, O., 2013, *The transiting system GJ1214: high-precision defocused transit observations and a search for evidence of transit timing variation*, A&A, 549, 10
- Quanz, S.P., Amara, A., Meyer, M.R., Kenworthy, M.A., Kasper, M. & Girard, J.H. 2013, *A Young Protoplanet Candidate Embedded in the Circumstellar Disk of HD 100546*, ApJ, 766, L1
- Martinez, P., Kasper, M., Costille, A., Sauvage, J.F., Dohlen, K., Puget, P. & Beuzit, J.L. 2013, *Speckle temporal stability in XAO coronagraphic images. II. Refine model for quasi-static speckle temporal evolution for VLT/SPHERE*, A&A, 554, 41
- Villanueva, G.L., Mumma, M.J., Novak, R.E., Radeva, Y.L., Käufl, H.U., Smette, A., Tokunaga, A., Khayat, A., Encrenaz, T. & Hartogh, P. 2013, *A sensitive search for organics (CH₄, CH₃OH, H₂CO, C₂H₆, C₂H₂, C₂H₄), hydroperoxyxl (HO₂), nitrogen compounds (N₂O, NH₃, HCN) and chlorine species (HCl, CH₃Cl) on Mars using ground-based high-resolution infrared spectroscopy*, Icar, 223, 11
- Paganini, L., Mumma, M.J., Boehnhardt, H., DiSanti, M.A., Villanueva, G.L., Bonev, B.P., Lippi, M., Käufl, H.U. & Blake, G.A. 2013, *Ground-Based Infrared Detections of CO in the Centaur-comet 29P/Schwassmann-Wachmann 1 at 6.26 AU from the Sun*, ApJ, 766, 100
- Bastian, N., Schweizer, F., Goudfrooij, P., Larsen, S.S. & Kissler-Patig, M. 2013, *Luminosity profiles and sizes of massive star clusters in NGC 7252*, MNRAS, 431, 1252
- López-Sanjuan, C., Le Févre, O., Tasca, L.A.M., Epinat, B., Amram, P., Contini, T., Garilli, B., Kissler-Patig, M., Moutata, J., Paioro, L., Perret, V., Queyrel, J., Tresse, L., Vergani, D. & Divoy, C. 2013, *MASSIV: Mass Assembly Survey with SINFONI in VVDS. V. The major merger rate of star-forming galaxies at 0.9 < z < 1.8 from IFS-based close pairs*, A&A, 553, 78
- Larsson, J., Fransson, C., Kjaer, K., Jerkstrand, A., Kirshner, R.P., Leibundgut, B., Lundqvist, P., Mattila, S., McCray, R., Sollerman, J., Spyromilio, J. & Wheeler, J.C. 2013, *The Morphology of the Ejecta in Supernova 1987A: A Study over Time and Wavelength*, ApJ, 768, 89
- Planck Collaboration, P.C., AMI Collaboration, A.C., Ade, P.A.R., Aghanim, N., Arnaud, M., Ashdown, M., Aumont, J., Baccigalupi, C., Balbi, A., Banday, A.J., Barreiro, R.B., Battaner, E., Battye, R., Benabed, K., Benoît, A., Bernard, J.-P., Bersanelli, M., Bhatia, R., Bikmaev, I., Böhringer, H., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Bourdin, H., Brown, M.L., Bucher, M., Burenin, R., Burigana, C., Butler, R.C., Cabella, P., Carvalho, P., Catalano, A., Cayón, L., Chamballu, A., Chary, R.R., Chiang, L.-Y., Chon, G., Clements, D.L., Colafrancesco, S., Colombi, S., Coulais, A., Crill, B.P., Cuttaia, F., Da Silva, A., Dahle, H., Davies, R.D., Davis, R.J., de Bernardis, P., de Gasperis, G., de Rosa, A., de Zotti, G., Delabrouille, J., Démocles, J., Dickinson, C., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstatiou, G., Enßlin, T.A., Eriksen, H.K., Feroz, F., Finelli, F., Flores-Cacho, I., Forni, O., Fosalba, P., Frailis, M., Franceschi, E., Fromenteau, S., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Grainge, K.J.B., Gregorio, A., Gruppuso, A., Hansen, F.K., Harrison, D., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Huffenberger, K.M., Hurier, G., Hurley-Walker, N., Jagemann, T., Juvela, M., Keihänen, E., Khamitov, I., Kneissl, R., Knoche, J., Kunz, M., Kurki-Suonio, H., Lagache, G., Lamarre, J.-M., Lasenby, A., Lawrence, C.R., Le Jeune, M., Leach, S., Leonardi, R., Liddle, A., Lilje, P.B., Linden-Vørnle, M., López-Caniego, M., Luzzi, G., Macías-Pérez, J.F., MacTavish, C.J., Maino, D., Mandolesi, N., Maris, M., Marleau, F., Marshall, D.J., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., Meinhold, P.R., Melchiorri, A., Melin, J.-B., Mendes, L., Mennella, A., Mitra, S., Miville-Deschénes, M.-A., Montier, L., Morgante, G., Munshi, D., Naselsky, P., Natoli, P., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Olamaie, M., Osborne, S., Pajot, F., Paoletti, D., Pasian, F., Patanchon, G., Pearson, T.J., Perdereau, O., Perrott, Y.C., Perrotta, F., Piacentini, F., Pierpaoli, E., Platania, P., Pointecouteau, E., Polenta, G., Popa, L., Poutanen, T., Pratt, G.W., Puget, J.-L., Rachen, J.P., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Ristorcelli, I., Rocha, G., Rodríguez-González, C., Rosset, C., Rossetti, M., Rubiño-Martín, J.A., Rumsey, C., Rusholme, B., Sandri, M., Saunders, R.D.E., Savini, G., Schammel, M.P., Scott, D.,

- Shimwell, T.W., Smoot, G.F., Starck, J.-L., Stivoli, F., Stolyarov, V., Sudiwala, R., Sunyaev, R., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Valenziano, L., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Yvon, D., Zacchei, A., Zonca, A., 2013, *Planck intermediate results. II. Comparison of Sunyaev-Zeldovich measurements from Planck and from the Arcminute Microkelvin Imager for 11 galaxy clusters*, *A&A*, 550, 128
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Balbi, A., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Battye, R., Benabed, K., Bernard, J.-P., Bersanelli, M., Bhatia, R., Bikmaev, I., Böhringer, H., Bonaldi, A., Bond, J.R., Borgani, S., Borrill, J., Bouchet, F.R., Bourdin, H., Brown, M.L., Bucher, M., Burenin, R., Burigana, C., Butler, R.C., Cabella, P., Cardoso, J.-F., Carvalho, P., Chamballu, A., Chiang, L.-Y., Chon, G., Clements, D.L., Colafrancesco, S., Coulais, A., Cuttaia, F., Da Silva, A., Dahle, H., Davis, R.J., de Bernardis, P., de Gasperis, G., Delabrouille, J., Démocles, J., Désert, F.-X., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Flores-Cacho, I., Forni, O., Frailis, M., Franceschi, E., Frommert, M., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gregorio, A., Gruppuso, A., Hansen, F.K., Harrison, D., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Huffenberger, K.M., Hurier, G., Jagemann, T., Jones, W.C., Juvela, M., Kneissl, R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lamarre, J.-M., Lasenby, A., Lawrence, C.R., Le Jeune, M., Leach, S., Leonardi, R., Liddle, A., Lilje, P.B., Linden-Vørnle, M., López-Caniego, M., Luzzi, G., Macías-Pérez, J.F., Maino, D., Mandolesi, N., Maris, M., Marleau, F., Marshall, D.J., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Mazzotta, P., Mei, S., Meinhold, P.R., Melchiorri, A., Melin, J.-B., Mendes, L., Mennella, A., Mitra, S., Miville-Deschénes, M.-A., Moneti, A., Morgante, G., Mortlock, D., Munshi, D., Naselsky, P., Nati, F., Natoli, P., Nørgaard-Nielsen, H.U., Noviello, F., Osborne, S., Pajot, F., Paoletti, D., Perdereau, O., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Piffaretti, R., Plaszczynski, S., Platania, P., Pointecouteau, E., Polenta, G., Popa, L., Poutanen, T., Pratt, G.W., Prunet, S., Puget, J.-L., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Rocha, G., Rosset, C., Rossetti, M., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Savini, G., Scott, D., Smoot, G.F., Stanford, A., Stivoli, F., Sudiwala, R., Sunyaev, R., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Valenziano, L., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Welikala, N., Weller, J., White, S.D.M., Yvon, D., Zacchei, A., Zonca, A., 2013, *Planck intermediate results. IV. The XMM-Newton validation programme for new Planck galaxy clusters*, *A&A*, 550, 130
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Balbi, A., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Bernard, J.-P., Bersanelli, M., Bhatia, R., Bikmaev, I., Bobin, J., Böhringer, H., Bonaldi, A., Bond, J.R., Borgani, S., Borrill, J., Bouchet, F.R., Bourdin, H., Brown, M.L., Burenin, R., Burigana, C., Cabella, P., Cardoso, J.-F., Carvalho, P., Castex, G., Catalano, A., Cayón, L., Chamballu, A., Chiang, L.-Y., Chon, G., Christensen, P.R., Churazov, E., Clements, D.L., Colafrancesco, S., Colombi, S., Colombo, L.P.L., Comis, B., Coulais, A., Crill, B.P., Cuttaia, F., Da Silva, A., Dahle, H., Danese, L., Davis, R.J., de Bernardis, P., de Gasperis, G., de Zotti, G., Delabrouille, J., Démocles, J., Désert, F.-X., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Dörl, U., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Flores-Cacho, I., Forni, O., Fosalba, P., Frailis, M., Franceschi, E., Frommert, M., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gregorio, A., Gruppuso, A., Hansen, F.K., Harrison, D., Hempel, A., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hurier, G., Jaffe, T.R., Jaffé, A.H., Jagemann, T., Jones, W.C., Juvela, M., Keihänen, E., Khamitov, I., Kisner, T.S., Kneissl, R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Lawrence, C.R., Le Jeune, M., Leonardi, R., Liddle, A., Lilje, P.B., López-Caniego, M., Luzzi, G., Macías-Pérez, J.F., Maino, D., Mandolesi, N., Maris, M., Marleau, F., Marshall, D.J., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Mazzotta, P., Mei, S., Melchiorri, A., Melin, J.-B., Mendes, L., Mennella, A., Mitra, S., Miville-Deschénes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Osborne, S., Pajot, F., Paoletti, D., Pasian, F., Patanchon, G., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Piffaretti, R., Plaszczynski, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Roman, M., Rosset, C., Rossetti, M., Rubiño-Martín, J.A.,

- Rusholme, B., Sandri, M., Savini, G., Scott, D., Smoot, G.F., Starck, J.-L., Sudiwala, R., Sunyaev, R., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tuovinen, J., Valenziano, L., Van Tent, B., Varis, J., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Welikala, N., White, S.D.M., White, M., Yvon, D., Zacchei, A., Zonca, A., 2013, *Planck intermediate results. V. Pressure profiles of galaxy clusters from the Sunyaev-Zeldovich effect*, *A&A*, 550, 131
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Balbi, A., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Bernard, J.-P., Bersanelli, M., Bhatia, R., Bikmaev, I., Böhringer, H., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Bourdin, H., Burenin, R., Burigana, C., Cabella, P., Cardoso, J.-F., Castex, G., Catalano, A., Cayón, L., Chamballu, A., Chiang, L.-Y., Chon, G., Christensen, P.R., Clements, D.L., Colafrancesco, S., Colombi, S., Colombo, L.P.L., Comis, B., Coulais, A., Crill, B.P., Cuttaia, F., Da Silva, A., Dahle, H., Danese, L., Davis, R.J., de Bernardis, P., de Gasperis, G., de Zotti, G., Delabrouille, J., Démocles, J., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Dörl, U., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Flores-Cacho, I., Forni, O., Frailis, M., Franceschi, E., Frommert, M., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Gilfanov, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gregorio, A., Gruppuso, A., Hansen, F.K., Harrison, D., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Jaffe, T.R., Jaffe, A.H., Jagemann, T., Jones, W.C., Juvela, M., Keihänen, E., Kisner, T.S., Kneissl, R., Knoche, J., Knox, L., Kunz, M., Kurinsky, N., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Lawrence, C.R., Leonardi, R., Lilje, P.B., López-Caniego, M., Macías-Pérez, J.F., Maino, D., Mandlesi, N., Maris, M., Marshall, D.J., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Mazzotta, P., Melchiorri, A., Mendes, L., Mennella, A., Mitra, S., Miville-Deschénes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Osborne, S., Pajot, F., Paladini, R., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Plaszczynski, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Rowan-Robinson, M., Rubiño-Martín, J.A., Rusholme, B., Sajina, A., Sandri, M., Savini, G., Scott, D., Smoot, G.F., Starck, J.-L., Sudiwala, R., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Türler, M., Valenziano, L., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., White, M., Yvon, D., Zacchei, A., Zonca, A., 2013, *Planck intermediate results. VII. Statistical properties of infrared and radio extragalactic sources from the Planck Early Release Compact Source Catalogue at frequencies between 100 and 857 GHz*, *A&A*, 550, 133
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Balbi, A., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Bernard, J.-P., Bersanelli, M., Bikmaev, I., Böhringer, H., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Bourdin, H., Brown, M.L., Brown, S.D., Burenin, R., Burigana, C., Cabella, P., Cardoso, J.-F., Carvalho, P., Catalano, A., Cayón, L., Chiang, L.-Y., Chon, G., Christensen, P.R., Churazov, E., Clements, D.L., Colafrancesco, S., Colombo, L.P.L., Coulais, A., Crill, B.P., Cuttaia, F., Da Silva, A., Dahle, H., Danese, L., Davis, R.J., de Bernardis, P., de Gasperis, G., de Rosa, A., de Zotti, G., Delabrouille, J., Démocles, J., Désert, F.-X., Dickinson, C., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Dörl, U., Douspis, M., Dupac, X., Enßlin, T.A., Eriksen, H.K., Finelli, F., Flores-Cacho, I., Forni, O., Frailis, M., Franceschi, E., Frommert, M., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Gilfanov, M., González-Nuevo, J., Górski, K.M., Gregorio, A., Gruppuso, A., Hansen, F.K., Harrison, D., Henrot-Versillé, S., Hernández-Monteagudo, C., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Hurier, G., Jaffe, T.R., Jagemann, T., Jones, W.C., Juvela, M., Keihänen, E., Khamitov, I., Kneissl, R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Lawrence, C.R., Le Jeune, M., Leonardi, R., Lilje, P.B., Linden-Vørnle, M., López-Caniego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandlesi, N., Maris, M., Marleau, F., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., Mei, S., Melchiorri, A., Melin, J.-B., Mendes, L., Mennella, A., Mitra, S., Miville-Deschénes, M.-A., Moneti, A., Montier, L., Morgante, G., Munshi, D., Murphy, J.A., Naselsky, P., Natoli, P., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Osborne, S., Pajot, F., Paoletti, D., Perdereau, O., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Piffaretti, R.,

- Plaszczynski, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prunet, S., Puget, J.-L., Rachen, J.P., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Roman, M., Rosset, C., Rossetti, M., Rubiño-Martín, J.A., Rudnick, L., Rusholme, B., Sandri, M., Savini, G., Schaefer, B.M., Scott, D., Smoot, G.F., Stivoli, F., Sudiwala, R., Sunyaev, R., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tuovinen, J., Türler, M., Umana, G., Valenziano, L., Van Tent, B., Varis, J., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Welikala, N., White, S.D.M., Yvon, D., Zacchei, A., Zaroubi, S., Zonca, A., 2013, *Planck intermediate results. X. Physics of the hot gas in the Coma cluster*, *A&A*, 554, 140
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Balbi, A., Banday, A.J., Barreiro, R.B., Barrena, R., Bartlett, J.G., Battaner, E., Benabed, K., Bernard, J.-P., Bersanelli, M., Bikmaev, I., Bock, J.J., Böhringer, H., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Bourdin, H., Burenin, R., Burigana, C., Butler, R.C., Cabella, P., Chamballu, A., Chary, R.R., Chiang, L.-Y., Chon, G., Christensen, P.R., Clements, D.L., Colafrancesco, S., Colombi, S., Colombo, L.P.L., Comis, B., Coulais, A., Crill, B.P., Cuttaia, F., Da Silva, A., Dahle, H., Davis, R.J., de Bernardis, P., de Gasperis, G., de Rosa, A., de Zotti, G., Delabrouille, J., Démocles, J., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Finelli, F., Flores-Cacho, I., Forni, O., Frailis, M., Franceschi, E., Frommert, M., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gregorio, A., Gruppuso, A., Hansen, F.K., Harrison, D., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Hurier, G., Jaffe, T.R., Jaffe, A.H., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Khamitov, I., Kisner, T.S., Kneissl, R., Knoche, J., Kunz, M., Kurki-Suonio, H., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Lawrence, C.R., Le Jeune, M., Leonardi, R., Lilje, P.B., Linden-Vørnle, M., López-Caniego, M., Lubin, P.M., Luzzi, G., Macías-Pérez, J.F., MacTavish, C.J., Maffei, B., Maino, D., Mandolini, N., Maris, M., Marleau, F., Marshall, D.J., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Mazzotta, P., Mei, S., Melchiorri, A., Melin, J.-B., Mendes, L., Mennella, A., Mitra, S., Miville-Deschénes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Osborne, S., Oxborrow, C.A., Pajot, F., Paoletti, D., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Piffaretti, R., Plaszczynski, S., Pointecouteau, E., Polenta, G., Popa, L., Poutanen, T., Pratt, G.W., Prunet, S., Puget, J.-L., Rachen, J.P., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Ristorcelli, I., Rocha, G., Roman, M., Rosset, C., Rossetti, M., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Savini, G., Scott, D., Spencer, L., Starck, J.-L., Stolyarov, V., Sudiwala, R., Sunyaev, R., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Valenziano, L., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Wang, W., Welikala, N., Weller, J., White, S.D.M., White, M., Yvon, D., Zacchei, A., Zonca, A., 2013, *Planck intermediate results. XI. The gas content of dark matter halos: the Sunyaev-Zeldovich-stellar mass relation for locally brightest galaxies*, *A&A*, 557, 52
- Krajnović, D., Alatalo, K., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Cappellari, M., Davies, R.L., Davis, T.A., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Kuntschner, H., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Weijmans, A.-M., Young, L.M., 2013, *The ATLAS3D project - XVII. Linking photometric and kinematic signatures of stellar discs in early-type galaxies*, *MNRAS*, 432, 1768
- Krogager, J.-K., Fynbo, J.P.U., Ledoux, C., Christensen, L., Gallazzi, A., Laursen, P., Möller, P., Noterdaeme, P., Péroux, C. & Pettini, M. 2013, *Comprehensive study of a $z = 2.35$ DLA Galaxy: mass, metallicity, age, morphology and SFR from HST and VLT*, *MNRAS*, 433, 3091
- Fynbo, J.P.U., Geier, S.J., Christensen, L., Gallazzi, A., Krogager, J.-K., Krühler, T., Ledoux, C., Maund, J.R., Möller, P., Noterdaeme, P., Rivera-Thorsen, T., Vestergaard, M., 2013, *On the two high-metallicity DLAs at $z = 2.412$ and 2.583 towards Q 0918+1636*, *MNRAS*, 436, 361
- Fanidakis, N., Georgakakis, A., Mountrichas, G., Krumpe, M., Baugh, C.M., Lacey, C.G., Frenk, C.S., Miyaji, T. & Benson, A.J. 2013, *Constraints on black hole fuelling modes from the clustering of X-ray AGN*, *MNRAS*, 435, 679
- Esquej, P., Page, M., Carrera, F.J., Mateos, S., Tedds, J., Watson, M.G., Corral, A., Ebrero, J., Krumpe, M., Rosen, S.R., Ceballos, M.T., Schwabe, A., Page, C.G., Alonso-Herrero, A., Caccianiga, A., Della Ceca, R., González-Martín, O., Lamer, G. & Severgnini, P. 2013, *The XMM-Newton Wide Angle Survey (XWAS)*, *A&A*, 557, 123
- Pracy, M.B., Croom, S., Sadler, E., Couch, W.J., Kuntschner, H., Bekki, K., Owers, M.S., Zwaan, M., Turner, J. & Bergmann, M. 2013, *Stellar population gradients and spatially resolved kinematics in luminous post-starburst galaxies*, *MNRAS*, 432, 3131
- Lyubenova, M., van den Bosch, R.C.E., Côté, P., Kuntschner, H., van de Ven, G., Ferrarese, L., Jordán, A., Infante, L. & Peng, E.W. 2013, *The complex nature of the nuclear star cluster in FCC 277*, *MNRAS*, 431, 3364
- Acke, B., Degroote, P., Lombaert, R., de Vries, B.L., Smolders, K., Verhoelst, T., Lagadec, E., Gielen, C., Van Winckel, H. & Waelkens, C. 2013, *Amorphous carbon in the disk around the post-AGB binary HR 4049. Discerning dust species with featureless opacity curves*, *A&A*, 551, 76
- Blanco Cárdenas, M.W., Guerrero, M.A., Ramos-Larios, G., Miranda, L.F., Lagadec, E., Suárez, O. & Gómez, J.F. 2013, *VISIR-VLT high-resolution study of the extended emission of four obscured post-AGB candidates*, *A&A*, 551, 64
- Lagos, C.d.P., Lacey, C.G. & Baugh, C.M. 2013, *A dynamical model of supernova feedback: gas outflows from the interstellar medium*, *MNRAS*, 436, 1787
- Laing, R.A. & Bridle, A.H. 2013, *The spectra of jet bases in FR I radio galaxies: implications for particle acceleration*, *MNRAS*, 432, 1114
- Fathivavsari, H., Petitjean, P., Ledoux, C., Noterdaeme, P., Srianand, R., Rahmani, H. & Ajabshirizadeh, A. 2013, *An investigation of the line of sight towards QSO PKS 0237-233*, *MNRAS*, 435, 1727
- De Cia, A., Ledoux, C., Savaglio, S., Schady, P. & Vreeswijk, P.M. 2013, *Dust-to-metal ratios in damped Lyman- α absorbers. Fresh clues to the origins of dust and optical extinction towards γ -ray bursts*, *A&A*, 560, 88
- Krühler, T., Ledoux, C., Fynbo, J.P.U., Vreeswijk, P.M., Schmidl, S., Malesani, D., Christensen, L., De Cia, A., Hjorth, J., Jakobsson, P., Kann, D.A., Kaper, L., Vergani, S.D., Afonso, P.M.J., Covino, S., de Ugarte Postigo, A., D'Elia, V., Filgas, R., Goldoni, P., Greiner, J., Hartoog, O.E., Milvang-Jensen, B., Nardini, M., Piranomonte, S., Rossi, A., Sánchez-Ramírez, R., Schady, P., Schulze, S., Sudilovsky, V., Tanvir, N.R., Tagliaferri, G., Watson, D.J., Wiersema, K., Wijers, R.A.M.J. & Xu, D. 2013, *Molecular hydrogen in the damped Lyman α system towards GRB 120815A at $z = 2.36$* , *A&A*, 557, 18
- Vreeswijk, P.M., Ledoux, C., Raassen, A.J.J., Smette, A., De Cia, A., Woźniak, P.R., Fox, A.J., Vestrand, W.T. & Jakobsson, P. 2013, *Time-dependent excitation and ionization modelling of absorption-line variability due to GRB 080310*, *A&A*, 549, 22
- Lundqvist, P., Mattila, S., Sollerman, J., Kozma, C., Baron, E., Cox, N.L.J., Fransson, C., Leibundgut, B. & Spyromilio, J. 2013, *Hydrogen and helium in the spectra of Type Ia supernovae*, *MNRAS*, 435, 329
- Taubenberger, S., Kromer, M., Pakmor, R., Pignata, G., Maeda, K., Hachinger, S., Leibundgut, B. & Hillebrandt, W. 2013, *[O I]*

- $\lambda\lambda$ 6300, 6364 in the Nebular Spectrum of a Subluminous Type Ia Supernova, ApJ, 775, L43
- Argudo-Fernández, M., Verley, S., Bergond, G., Sulentic, J., Sabater, J., Fernández Lorenzo, M., Leon, S., Espada, D., Verdes-Montenegro, L., Santander-Vela, J.D., Ruiz, J.E. & Sánchez-Expósito, S. 2013, *The AMIGA sample of isolated galaxies. XII. Revision of the isolation degree for AMIGA galaxies using the SDSS*, A&A, 560, 9
- Lieder, S., Mieske, S., Sánchez-Janssen, R., Hilker, M., Lisker, T. & Tanaka, M. 2013, *A normal abundance of faint satellites in the fossil group NGC 6482*, A&A, 559, 76
- Groote, M.W., Tuffs, R.J., Popescu, C.C., Pastrav, B., Andrae, E., Gunawardhana, M., Kelvin, L.S., Liske, J., Seibert, M., Taylor, E.N., Graham, A.W., Baes, M., Baldry, I.K., Bourne, N., Brough, S., Cooray, A., Dariush, A., De Zotti, G., Driver, S.P., Dunne, L., Gomez, H., Hopkins, A.M., Hopwood, R., Jarvis, M., Loveday, J., Maddox, S., Madore, B.F., Michałowski, M.J., Norberg, P., Parkinson, H.R., Prescott, M., Robotham, A.S.G., Smith, D.J.B., Thomas, D. & Valiante, E. 2013, *GAMA/H-ATLAS: The Dust Opacity-Stellar Mass Surface Density Relation for Spiral Galaxies*, ApJ, 766, 59
- Schneider, M.D., Cole, S., Frenk, C.S., Kelvin, L., Mandelbaum, R., Norberg, P., Bland-Hawthorn, J., Brough, S., Driver, S., Hopkins, A., Liske, J., Loveday, J. & Robotham, A. 2013, *Galaxy And Mass Assembly (GAMA): galaxy radial alignments in GAMA groups*, MNRAS, 433, 2727
- Blake, C., Baldry, I.K., Bland-Hawthorn, J., Christodoulou, L., Colless, M., Conselice, C., Driver, S.P., Hopkins, A.M., Liske, J., Loveday, J., Norberg, P., Peacock, J.A., Poole, G.B. & Robotham, A.S.G. 2013, *Galaxy And Mass Assembly (GAMA): improved cosmic growth measurements using multiple tracers of large-scale structure*, MNRAS, 436, 3089
- Robotham, A.S.G., Liske, J., Driver, S.P., Sansom, A.E., Baldry, I.K., Bauer, A.E., Bland-Hawthorn, J., Brough, S., Brown, M.J.I., Colless, M., Christodoulou, L., Drinkwater, M.J., Groote, M.W., Hopkins, A.M., Kelvin, L.S., Norberg, P., Loveday, J., Phillipps, S., Sharp, R., Taylor, E.N. & Tuffs, R.J. 2013, *Galaxy And Mass Assembly (GAMA): the life and times of L★ galaxies*, MNRAS, 431, 167
- Brough, S., Croom, S., Sharp, R., Hopkins, A.M., Taylor, E.N., Baldry, I.K., Gunawardhana, M.L.P., Liske, J., Norberg, P., Robotham, A.S.G., Bauer, A.E., Bland-Hawthorn, J., Colless, M., Foster, C., Kelvin, L.S., Lara-Lopez, M.A., López-Sánchez, Á.R., Loveday, J., Owers, M., Pimbblet, K.A. & Prescott, M. 2013, *Galaxy And Mass Assembly: resolving the role of environment in galaxy evolution*, MNRAS, 435, 2903
- Hardcastle, M.J., Ching, J.H.Y., Virdee, J.S., Jarvis, M.J., Croom, S.M., Sadler, E.M., Mauch, T., Smith, D.J.B., Stevens, J.A., Baes, M., Baldry, I.K., Brough, S., Cooray, A., Dariush, A., De Zotti, G., Driver, S., Dunne, L., Dye, S., Eales, S., Hopwood, R., Liske, J., Maddox, S., Michałowski, M.J., Rigby, E.E., Robotham, A.S.G., Steele, O., Thomas, D. & Valiante, E. 2013, *Herschel-ATLAS/GAMA: a difference between star formation rates in strong-line and weak-line radio galaxies*, MNRAS, 429, 2407
- Burton, C.S., Jarvis, M.J., Smith, D.J.B., Bonfield, D.G., Hardcastle, M.J., Stevens, J.A., Bourne, N., Baes, M., Brough, S., Cava, A., Cooray, A., Dariush, A., De Zotti, G., Dunne, L., Eales, S., Hopwood, R., Ibar, E., Ivison, R.J., Liske, J., Loveday, J., Maddox, S.J., Negrello, M., Smith, M.W.L. & Valiante, E. 2013, *Herschel-ATLAS/GAMA: the environmental density of far-infrared bright galaxies at $z \leq 0.5$* , MNRAS, 433, 771
- Häußler, B., Bamford, S.P., Vika, M., Rojas, A.L., Barden, M., Kelvin, L.S., Alpaslan, M., Robotham, A.S.G., Driver, S.P., Baldry, I.K., Brough, S., Hopkins, A.M., Liske, J., Nichol, R.C., Popescu, C.C. & Tuffs, R.J. 2013, *MegaMorph - multiwavelength measurement of galaxy structure: complete Sérsic profile information from modern surveys*, MNRAS, 430, 330
- Driver, S.P., Robotham, A.S.G., Bland-Hawthorn, J., Brown, M., Hopkins, A., Liske, J., Phillipps, S. & Wilkins, S. 2013, *Two-phase galaxy evolution: the cosmic star formation histories of spheroids and discs*, MNRAS, 430, 2622
- Molaro, P., Esposito, M., Monai, S., Lo Curto, G., González Hernández, J.I., Hänsch, T.W., Holzwarth, R., Manescau, A., Pasquini, L., Probst, R.A., Rebolo, R., Steinmetz, T., Udem, T. & Wilken, T. 2013, *A frequency comb calibrated solar atlas*, A&A, 560, 61
- Lo Curto, G., Mayor, M., Benz, W., Bouchy, F., Hébrard, G., Lovis, C., Moutou, C., Naef, D., Pepe, F., Queloz, D., Santos, N.C., Segransan, D. & Udry, S. 2013, *The HARPS search for southern extra-solar planets . XXXII. New multi-planet systems in the HARPS volume limited sample: a super-Earth and a Neptune in the habitable zone*, A&A, 551, 59
- Bonfils, X., Lo Curto, G., Correia, A.C.M., Laskar, J., Udry, S., Delfosse, X., Forveille, T., Astudillo-Defru, N., Benz, W., Bouchy, F., Gillon, M., Hébrard, G., Lovis, C., Mayor, M., Moutou, C., Naef, D., Neves, V., Pepe, F., Perrier, C., Queloz, D., Santos, N.C. & Segransan, D. 2013, *The HARPS search for southern extra-solar planets. XXXIV. A planetary system around the nearby M dwarf GJ 163, with a super-Earth possibly in the habitable zone*, A&A, 556, 110
- Zechmeister, M., Kürster, M., Endl, M., Lo Curto, G., Hartman, H., Nilsson, H., Henning, T., Hatzes, A.P. & Cochran, W.D. 2013, *The planet search programme at the ESO CES and HARPS. IV. The search for Jupiter analogues around solar-like stars*, A&A, 552, 78
- Longmore, S.N., Kruijssen, J.M.D., Bally, J., Ott, J., Testi, L., Rathborne, J., Bastian, N., Bressert, E., Molinari, S., Battersby, C. & Walsh, A.J. 2013, *Candidate super star cluster progenitor gas clouds possibly triggered by close passage to Sgr A**, MNRAS, 433, L15
- Jordan, C.H., Walsh, A.J., Lowe, V., Lo, N., Purcell, C.R., Voronkov, M.A. & Longmore, S.N. 2013, *Pilot observations for MALT-45: a Galactic plane survey at 7 mm*, MNRAS, 429, 469
- Longmore, S.N., Bally, J., Testi, L., Purcell, C.R., Walsh, A.J., Bressert, E., Pestalozzi, M., Molinari, S., Ott, J., Cortese, L., Battersby, C., Murray, N., Lee, E., Kruijssen, J.M.D., Schisano, E. & Elia, D. 2013, *Variations in the Galactic star formation rate and density thresholds for star formation*, MNRAS, 429, 987
- Fathi, K., Lundgren, A.A., Kohno, K., Piñol-Ferrer, N., Martín, S., Espada, D., Hatziminaoglou, E., Imanishi, M., Izumi, T., Krips, M., Matsushita, S., Meier, D.S., Nakai, N., Sheth, K., Turner, J., van de Ven, G. & Wiklind, T. 2013, *ALMA Follows Streaming of Dense Gas Down to 40 pc from the Supermassive Black Hole in NGC 1097*, ApJ, 770, L27
- van der Horst, A.J., Curran, P.A., Miller-Jones, J.C.A., Linford, J.D., Gorosabel, J., Russell, D.M., de Ugarte Postigo, A., Lundgren, A.A., Taylor, G.B., Maitra, D., Guziy, S., Belloni, T.M., Kouveliotou, C., Jonker, P.G., Kamble, A., Paragi, Z., Homan, J., Kuulkers, E., Granot, J., Altamirano, D., Buxton, M.M., Castro-Tirado, A., Fender, R.P., Garrett, M.A., Gehrels, N., Hartmann, D.H., Kennea, J.A., Krimm, H.A., Mangano, V., Ramirez-Ruiz, E., Romano, P., Wijers, R.A.M.J., Wijnands, R. & Yang, Y.J. 2013, *Broad-band monitoring tracing the evolution of the jet and disc in the black hole candidate X-ray binary MAXI J1659-152*, MNRAS, 436, 2625
- Kruijssen, J.M.D. & Lützgendorf, N. 2013, *Did massive black holes in globular clusters initially satisfy galactic scaling relations?*, MNRAS, 434, L41
- Lützgendorf, N., Kissler-Patig, M., Gebhardt, K., Baumgardt, H., Noyola, E., de Zeeuw, P.T., Neumayer, N., Jalali, B. & Feldmeier, A. 2013, *Limits on intermediate-mass black holes in six Galactic globular clusters with integral-field spectroscopy*, A&A, 552, 49
- Lützgendorf, N., Kissler-Patig, M., Neumayer, N., Baumgardt, H., Noyola, E., de Zeeuw, P.T., Gebhardt, K., Jalali, B. & Feldmeier, A. 2013, *M• - σ relation for intermediate-mass black holes in globular clusters*, A&A, 555, 26

- Lützgendorf, N., Baumgardt, H. & Kruijssen, J.M.D. 2013, *N-body simulations of globular clusters in tidal fields: Effects of intermediate-mass black holes*, A&A, 558, 117
- Vlemmings, W.H.T., Maercker, M., Lindqvist, M., Mohamed, S., Olofsson, H., Ramstedt, S., Brunner, M., Groenewegen, M.A.T., Kerschbaum, F. & Wittkowski, M. 2013, *ALMA observations of the variable 12CO/13CO ratio around the asymptotic giant branch star R Sculptoris*, A&A, 556, L1
- Matsuoka, K., Silverman, J.D., Schramm, M., Steinhardt, C.L., Nagao, T., Kartaltepe, J., Sanders, D.B., Treister, E., Hasinger, G., Akiyama, M., Ohta, K., Ueda, Y., Bongiorno, A., Brandt, W.N., Brusa, M., Capak, P., Civano, F., Comastri, A., Elvis, M., Lilly, S.J., Mainieri, V., Masters, D., Mignoli, M., Salvato, M., Trump, J.R., Taniguchi, Y., Zamorani, G., Alexander, D.M. & Schawinski, K. 2013, *A Comparative Analysis of Virial Black Hole Mass Estimates of Moderate-luminosity Active Galactic Nuclei Using Subaru/FMOS*, ApJ, 771, 64
- Hao, H., Elvis, M., Bongiorno, A., Zamorani, G., Merloni, A., Kelly, B.C., Civano, F., Celotti, A., Ho, L.C., Jahnke, K., Comastri, A., Trump, J.R., Mainieri, V., Salvato, M., Brusa, M., Impey, C.D., Koekemoer, A.M., Lanzuisi, G., Vignali, C., Silverman, J.D., Urry, C.M. & Schawinski, K. 2013, *A quasar-galaxy mixing diagram: quasar spectral energy distribution shapes in the optical to near-infrared*, MNRAS, 434, 3104
- Brightman, M., Silverman, J.D., Mainieri, V., Ueda, Y., Schramm, M., Matsuoka, K., Nagao, T., Steinhardt, C., Kartaltepe, J., Sanders, D.B., Treister, E., Shemmer, O., Brandt, W.N., Brusa, M., Comastri, A., Ho, L.C., Lanzuisi, G., Lusso, E., Nandra, K., Salvato, M., Zamorani, G., Akiyama, M., Alexander, D.M., Bongiorno, A., Capak, P., Civano, F., Del Moro, A., Doi, A., Elvis, M., Hasinger, G., Laird, E.S., Masters, D., Mignoli, M., Ohta, K., Schawinski, K. & Taniguchi, Y. 2013, *A statistical relation between the X-ray spectral index and Eddington ratio of active galactic nuclei in deep surveys*, MNRAS, 433, 2485
- Kampczyk, P., Lilly, S.J., de Ravel, L., Le Fèvre, O., Bolzonella, M., Carollo, C.M., Diener, C., Knobel, C., Kovač, K., Maier, C., Renzini, A., Sargent, M.T., Vergani, D., Abbas, U., Bardelli, S., Bongiorno, A., Bordoloi, R., Caputi, K., Contini, T., Coppa, G., Cucciati, O., de la Torre, S., Franzetti, P., Garilli, B., Iovino, A., Kneib, J.-P., Koekemoer, A.M., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Leauthaud, A., Mainieri, V., Mignoli, M., Pello, R., Peng, Y., Perez Montero, E., Ricciardelli, E., Scoggio, M., Silverman, J.D., Tanaka, M., Tasca, L., Tresse, L., Zamorani, G., Zucca, E., Bottini, D., Cappi, A., Cassata, P., Cimatti, A., Fumana, M., Guzzo, L., Kartaltepe, J., Marinoni, C., McCracken, H.J., Memeo, P., Meneux, B., Oesch, P., Porciani, C., Pozzetti, L., Scaramella, R., 2013, *Environmental Effects in the Interaction and Merging of Galaxies in zCOSMOS*, ApJ, 762, 43
- Vitale, M., Mignoli, M., Cimatti, A., Lilly, S.J., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fevre, O., Mainieri, V., Renzini, A., Scoggio, M., Zamorani, G., Bardelli, S., Barnes, L., Bolzonella, M., Bongiorno, A., Bordoloi, R., Bschorr, T.J., Cappi, A., Caputi, K., Coppa, G., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Koekemoer, A.M., Kovač, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., López-Sanjuan, C., Maier, C., McCracken, H.J., Moresco, M., Nair, P., Oesch, P.A., Pello, R., Peng, Y., Pérez Montero, E., Pozzetti, L., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Welikala, N., Zucca, E., 2013, *Investigating the relationship between AGN activity and stellar mass in zCOSMOS galaxies at 0 < z < 1 using emission-line diagnostic diagrams*, A&A, 556, 11
- Mignoli, M., Vignali, C., Gilli, R., Comastri, A., Zamorani, G., Bolzonella, M., Bongiorno, A., Lamareille, F., Nair, P., Pozzetti, L., Lilly, S.J., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fevre, O., Mainieri, V., Renzini, A., Scoggio, M., Bardelli, S., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Koekemoer, A.M., Kovač, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., López-Sanjuan, C., Maier, C., McCracken, H.J., Moresco, M., Nair, P., Oesch, P., Ricciardelli, E., Silverman, J.D., Tanaka, M., Tasca, L.A.M., Tresse, L., Vergani, D., Zucca, E., 2013, *The cosmic evolution of oxygen and nitrogen abundances in star-forming galaxies over the past 10 Gyr*, A&A, 549, 25
- Rosario, D.J., Trakhtenbrot, B., Lutz, D., Netzer, H., Trump, J.R., Silverman, J.D., Schramm, M., Lusso, E., Berta, S., Le Borgne, J.-F., Le Brun, V., Maier, C., Pellò, R., Peng, Y., Perez Montero, E., Presotto, V., Silverman, J.D., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., 2013, *Obscured AGN at z ~ 1 from the zCOSMOS-Bright Survey. I. Selection and optical properties of a [Ne v]-selected sample*, A&A, 556, 29
- Diener, C., Lilly, S.J., Knobel, C., Zamorani, G., Lemson, G., Kampczyk, P., Scoville, N., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fevre, O., Mainieri, V., Renzini, A., Scoggio, M., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kovač, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Pello, R., Peng, Y., Perez Montero, E., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Bordoloi, R., Cappi, A., Cimatti, A., Coppa, G., Koekemoer, A.M., López-Sanjuan, C., McCracken, H.J., Moresco, M., Nair, P., Pozzetti, L., Welikala, N., 2013, *Proto-groups at 1.8 < z < 3 in the zCOSMOS-deep Sample*, ApJ, 765, 109
- Moresco, M., Pozzetti, L., Cimatti, A., Zamorani, G., Bolzonella, M., Lamareille, F., Mignoli, M., Zucca, E., Lilly, S.J., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fèvre, O., Mainieri, V., Renzini, A., Scoggio, M., Bardelli, S., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Kovač, K., Le Borgne, J.-F., Le Brun, V., Maier, C., Pello, R., Peng, Y., Perez Montero, E., Presotto, V., Silverman, J.D., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Barnes, L., Bordoloi, R., Cappi, A., Diener, C., Koekemoer, A.M., Le Floc'h, E., López-Sanjuan, C., McCracken, H.J., Nair, P., Oesch, P., Scarlata, C., Scoville, N., Welikala, N., 2013, *Spot the difference. Impact of different selection criteria on observed properties of passive galaxies in zCOSMOS-20k sample*, A&A, 558, 61
- Knobel, C., Lilly, S.J., Kovač, K., Peng, Y., Bschorr, T.J., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fevre, O., Mainieri, V., Renzini, A., Scoggio, M., Zamorani, G., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Kovač, K., Le Borgne, J.-F., Le Brun, V., Maier, C., Pello, R., Perez Montero, E., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Barnes, L., Bordoloi, R., Cappi, A., Cimatti, A., Coppa, G., Koekemoer, A.M., López-Sanjuan, C., McCracken, H.J., Moresco, M., Nair, P., Pozzetti, L., Welikala, N., 2013, *The Colors of Central and Satellite Galaxies in zCOSMOS Out to z ~ 0.8 and Implications for Quenching*, ApJ, 769, 24
- Ranalli, P., Comastri, A., Vignali, C., Carrera, F.J., Cappelluti, N., Gilli, R., Puccetti, S., Brandt, W.N., Brunner, H., Brusa, M., Georgantopoulos, I., Iwasawa, K. & Mainieri, V. 2013, *The XMM deep survey in the CDF-S. III. Point source catalogue and number counts in the hard X-rays*, A&A, 555, 42
- Lanzuisi, G., Civano, F., Marchesi, S., Comastri, A., Costantini, E., Elvis, M., Mainieri, V., Hickox, R., Jahnke, K., Komossa, S., Piconcelli, E., Vignali, C., Brusa, M., Cappelluti, N. & Fruscione, A. 2013, *The XMM-Newton Spectrum of a Candidate Recoiling Supermassive Black Hole: An Elusive Inverted P-Cygni Profile*, ApJ, 778, 62
- Pérez-Montero, E., Contini, T., Lamareille, F., Maier, C., Carollo, C.M., Kneib, J.-P., Le Fèvre, O., Lilly, S., Mainieri, V., Renzini, A., Scoggio, M., Zamorani, G., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Kovač, K., Le Borgne, J.-F., Le Brun, V., Mignoli, M., Pellò, R., Peng, Y., Presotto, V., Ricciardelli, E., Silverman, J.D., Tanaka, M., Tasca, L.A.M., Tresse, L., Vergani, D., Zucca, E., 2013, *The cosmic evolution of oxygen and nitrogen abundances in star-forming galaxies over the past 10 Gyr*, A&A, 549, 25
- Rosario, D.J., Trakhtenbrot, B., Lutz, D., Netzer, H., Trump, J.R., Silverman, J.D., Schramm, M., Lusso, E., Berta, S.,

- Bongiorno, A., Brusa, M., Förster-Schreiber, N.M., Genzel, R., Lilly, S., Magnelli, B., Mainieri, V., Maiolino, R., Merlini, A., Mignoli, M., Nordon, R., Popesso, P., Salvato, M., Santini, P., Tacconi, L.J. & Zamorani, G. 2013, *The mean star-forming properties of QSO host galaxies*, A&A, 560, 72
- Schramm, M., Silverman, J.D., Greene, J.E., Brandt, W.N., Luo, B., Xue, Y.Q., Capak, P., Kakazu, Y., Kartaltepe, J. & Mainieri, V. 2013, *Unveiling a Population of Galaxies Harboring Low-mass Black Holes with X-Rays*, ApJ, 773, 150
- Manara, C.F., Beccari, G., Da Rio, N., De Marchi, G., Natta, A., Ricci, L., Robberto, M. & Testi, L. 2013, *Accurate determination of accretion and photospheric parameters in young stellar objects: The case of two candidate old disks in the Orion Nebula Cluster*, A&A, 558, 114
- Robberto, M., Soderblom, D.R., Bergeron, E., Kozhurina-Platais, V., Makidon, R.B., McCullough, P.R., McMaster, M., Panagia, N., Reid, I.N., Levay, Z., Frattare, L., Da Rio, N., Andersen, M., O'Dell, C.R., Stassun, K.G., Simon, M., Feigelson, E.D., Stauffer, J.R., Meyer, M., Reggiani, M., Krist, J., Manara, C.F., Romaniello, M., Hillenbrand, L.A., Ricci, L., Palla, F., Najita, J.R., Ananna, T.T., Scandariato, G. & Smith, K. 2013, *The Hubble Space Telescope Treasury Program on the Orion Nebula Cluster*, ApJS, 207, 10
- Manara, C.F., Testi, L., Rigliaco, E., Alcalá, J.M., Natta, A., Stelzer, B., Biazzo, K., Covino, E., Covino, S., Cupani, G., D'Elia, V. & Randich, S. 2013, *X-shooter spectroscopy of young stellar objects. II. Impact of chromospheric emission on accretion rate estimates*, A&A, 551, 107
- Stelzer, B., Frasca, A., Alcalá, J.M., Manara, C.F., Biazzo, K., Covino, E., Rigliaco, E., Testi, L., Covino, S. & D'Elia, V. 2013, *X-shooter spectroscopy of young stellar objects. III. Photospheric and chromospheric properties of Class III objects*, A&A, 558, 141
- Lanzuisi, G., Civano, F., Elvis, M., Salvato, M., Hasinger, G., Vignali, C., Zamorani, G., Aldcroft, T., Brusa, M., Comastri, A., Fiore, F., Fruscione, A., Gilli, R., Ho, L.C., Mainieri, V., Merlini, A. & Siemiginowska, A. 2013, *The Chandra-COSMOS survey - IV. X-ray spectra of the bright sample*, MNRAS, 431, 978
- Jin, Z.-P., Covino, S., Della Valle, M., Ferrero, P., Fugazza, D., Malesani, D., Melandri, A., Pian, E., Salvaterra, R., Bersier, D., Campana, S., Cano, Z., Castro-Tirado, A.J., D'Avanzo, P., Fynbo, J.P.U., Gomboc, A., Gorosabel, J., Guidorzi, C., Haislip, J.B., Hjorth, J., Kobayashi, S., LaCluyze, A.P., Marconi, G., Mazzali, P.A., Mundell, C.G., Piranomonte, S., Reichart, D.E., Sánchez-Ramírez, R., Smith, R.J., Steele, I.A., Tagliaferri, G., Tanvir, N.R., Valenti, S., Vergani, S.D., Vestrand, T. & Walker, E.S. Woźniak, P. 2013, *GRB 081007 and GRB 090424: The Surrounding Medium, Outflows, and Supernovae*, ApJ, 774, 14
- Ahumada, A.V., Cignoni, M., Bragaglia, A., Donati, P., Tosi, M. & Marconi, G. 2013, *NGC 2849 and NGC 6134: two more BOCCE open clusters*, MNRAS, 430, 221
- del Pino, A., Hidalgo, S.L., Aparicio, A., Gallart, C., Carrera, R., Monelli, M., Buonanno, R. & Marconi, G. 2013, *Spatial dependence of the star formation history in the central regions of the Fornax dwarf spheroidal galaxy*, MNRAS, 433, 1505
- Costagliola, F., Aalto, S., Sakamoto, K., Martín, S., Beswick, R., Muller, S. & Klöckner, H.-R. 2013, *High-resolution mm and cm study of the obscured LIRG NGC 4418 . A compact obscured nucleus fed by in-falling gas?*, A&A, 556, 66
- Lobel, A., Groh, J.H., Martayan, C., Frémat, Y., Torres Dozinel, K., Raskin, G., Van Winckel, H., Prins, S., Pessemier, W., Waelkens, C., Hensberge, H., Dumortier, L., Jorissen, A., Van Eck, S. & Lehmann, H. 2013, *Modelling the asymmetric wind of the luminous blue variable binary MWC 314*, A&A, 559, 16
- Martí-Vidal, I., Muller, S., Combes, F., Aalto, S., Beelen, A., Darling, J., Guélin, M., Henkel, C., Horellou, C., Marcaide, J.M., Martín, S., Menten, K.M., V-Trung, D. & Zwaan, M. 2013, *Probing the jet base of the blazar PKS 1830-211 from the chromatic variability of its lensed images. Serendipitous ALMA observations of a strong gamma-ray flare*, A&A, 558, 123
- Semaan, T., Hubert, A.M., Zorec, J., Martayan, C., Frémat, Y., Gutiérrez-Soto, J. & Fabregat, J. 2013, *Study of a sample of faint Be stars in the exofield of CoRoT. I. Spectroscopic characterization*, A&A, 551, 130
- Izumi, T., Kohno, K., Martín, S., Espada, D., Harada, N., Matsushita, S., Hsieh, P.-Y., Turner, J.L., Meier, D.S., Schinnerer, E., Imanishi, M., Tamura, Y., Curran, M.T., Doi, A., Fathi, K., Krips, M., Lundgren, A.A., Nakai, N., Nakajima, T., Regan, M.W., Sheth, K., Takano, S., Taniguchi, A., Terashima, Y., Tosaki, T., Wiklind, T., 2013, *Submillimeter ALMA Observations of the Dense Gas in the Low-Luminosity Type-1 Active Nucleus of NGC 1097*, PASJ, 65, 100
- Sakamoto, K., Aalto, S., Costagliola, F., Martín, S., Ohyama, Y., Wiedner, M.C. & Wilner, D.J. 2013, *Submillimeter Interferometry of the Luminous Infrared Galaxy NGC 4418: A Hidden Hot Nucleus with an Inflow and an Outflow*, ApJ, 764, 42
- Bailer-Jones, C.A.L., Andrae, R., Arcay, B., Astraatmadja, T., Bellas-Velidis, I., Berihuete, A., Bijaoui, A., Carrión, C., Dafonte, C., Damerdji, Y., Dapergolas, A., de Laverny, P., Delchambre, L., Drazinos, P., Drimmel, R., Frémat, Y., Fustes, D., García-Torres, M., Guédé, C., Heiter, U., Janotto, A.-M., Karampelas, A., Kim, D.-W., Knude, J., Kolka, I., Kontizas, E., Kontizas, M., Korn, A.J., Lanzafame, A.C., Lebreton, Y., Lindström, H., Liu, C., Livianou, E., Lobel, A., Manteiga, M., Martayan, C., Ordenovic, C., Pichon, B., Recio-Blanco, A., Rocca-Volmerange, B., Sarro, L.M., Smith, K., Sordo, R., Soubiran, C., Surdej, J., Thévenin, F., Tsalmantza, P., Vallenari, A., Zorec, J., 2013, *The Gaia astrophysical parameters inference system (Apsis). Pre-launch description*, A&A, 559, 74
- de Ugarte Postigo, A., Campana, S., Thöne, C.C., D'Avanzo, P., Sánchez-Ramírez, R., Melandri, A., Gorosabel, J., Ghirlanda, G., Veres, P., Martín, S., Petitpas, G., Covino, S., Fynbo, J.P.U. & Levan, A.J. 2013, *The obscured hyper-energetic GRB 120624B hosted by a luminous compact galaxy at z = 2.20*, A&A, 557, L18
- Henkel, C., Wilson, T.L., Asiri, H. & Mauersberger, R. 2013, *Ammonia in the hot core W 51-IRS2: 11 new maser lines and a maser component with a velocity drift*, A&A, 549, 90
- Riquelme, D., Amo-Baladrón, M.A., Martín-Pintado, J., Mauersberger, R., Martín, S. & Bronfman, L. 2013, *Kinetic temperatures toward X1/X2 orbit interceptions regions and giant molecular loops in the Galactic center region*, A&A, 549, 36
- Higuchi, A.E., Kurono, Y., Naoi, T., Saito, M., Mauersberger, R. & Kawabe, R. 2013, *Maps of Massive Clumps in the Early Stage of Cluster Formation: Two Modes of Cluster Formation, Coeval or Non-coeval?*, ApJ, 765, 101
- Rameau, J., Chauvin, G., Lagrange, A.-M., Meshkat, T., Boccaletti, A., Quanz, S.P., Currie, T., Mawet, D., Girard, J.H., Bonnefoy, M., Kenworthy, M. 2013, *Confirmation of the Planet around HD 95086 by Direct Imaging*, ApJ, 779, L26
- Mawet, D., Absil, O., Delacroix, C., Girard, J.H., Milli, J., O'Neal, J., Baudoz, P., Boccaletti, A., Bourget, P., Christiaens, V., Forsberg, P., Gonte, F., Habraken, S., Hanot, C., Karlsson, M., Kasper, M., Lizon, J.-L., Muzic, K., Olivier, R., Peña, E., Slusarenko, N., Tacconi-Garman, L.E., Surdej, J., 2013, *L'-band AGPM vector vortex coronagraph's first light on VLT/NACO. Discovery of a late-type companion at two beamwidths from an F0V star*, A&A, 552, L13
- Delacroix, C., Absil, O., Forsberg, P., Mawet, D., Christiaens, V., Karlsson, M., Boccaletti, A., Baudoz, P., Kuittinen, M., Vartiainen, I., Surdej, J. & Habraken, S. 2013, *Laboratory demonstration of a mid-infrared AGPM vector vortex coronagraph*, A&A, 553, 98
- Mawet, D., Pueyo, L., Carlotti, A., Mennesson, B., Serabyn, E. & Wallace, J.K. 2013, *Ring-apodized Vortex Coronagraphs for Obscured Telescopes. I. Transmissive Ring Apodizers*, ApJS, 209, 7
- Mehner, A., Baade, D., Rivinius, T., Lennon, D.J., Martayan, C., Stahl, O. & Štefl, S. 2013, *Broad-band spectroscopy of the*

- ongoing large eruption of the luminous blue variable R71*, A&A, 555, 116
- Remmen, G.N., Davidson, K. & Mehner, A. 2013, *Unexpected Ionization Structure in Eta Carinae's "Weigelt Knots"*, ApJ, 773, 27
- Melnick, J. & De Propis, R. 2013, *The spectral energy distributions of K+A galaxies from the UV to the mid-IR: stellar populations, star formation and hot dust*, MNRAS, 431, 2034
- De Medeiros, J.R., Ferreira Lopes, C.E., Leão, I.C., Canto Martins, B.L., Catelan, M., Baglin, A., Vieira, S., Bravo, J.P., Cortés, C., de Freitas, D.B., Janot-Pacheco, E., Maciel, S.C., Melo, C.H.F., Osorio, Y., Porto de Mello, G.F. & Valio, A. 2013, *Overview of semi-sinusoidal stellar variability with the CoRoT satellite*, A&A, 555, 63
- De Silva, G.M., D'Orazi, V., Melo, C., Torres, C.A.O., Gieles, M., Quast, G.R. & Sterzik, M. 2013, *Search for associations containing young stars: chemical tagging IC 2391 and the Argus association*, MNRAS, 431, 1005
- Absil, O., Defrère, D., Coudé du Foresto, V., Di Folco, E., Mérand, A., Augereau, J.-C., Ertel, S., Hanot, C., Kervella, P., Mollier, B., Scott, N., Che, X., Monnier, J.D., Thureau, N., Tuthill, P.G., ten Brummelaar, T.A., McAlister, H.A., Sturmann, J., Sturmann, L., Turner, N., 2013, *A near-infrared interferometric survey of debris-disc stars. III. First statistics based on 42 stars observed with CHARA/FLUOR*, A&A, 555, 104
- Gallenne, A., Mérand, A., Kervella, P., Chesneau, O., Breitfelder, J. & Gieren, W. 2013, *Extended envelopes around Galactic Cepheids. IV. T Monocerotis and X Sagittarii from mid-infrared interferometry with VLTI/MIDI*, A&A, 558, 140
- Gallenne, A., Monnier, J.D., Mérand, A., Kervella, P., Kraus, S., Schaefer, G.H., Gieren, W., Pietrzyński, G., Szabados, L., Che, X., Baron, F., Pedretti, E., McAlister, H., ten Brummelaar, T., Sturmann, J., Sturmann, L., Turner, N., Farrington, C. & Vargas, N. 2013, *Multiplicity of Galactic Cepheids from long-baseline interferometry. I. CHARA/MIRC detection of the companion of V1334 Cygni*, A&A, 552, 21
- Garcia, P.J.V., Benisty, M., Dougados, C., Bacciotti, F., Clausse, J.-M., Massi, F., Mérand, A., Petrov, R., Weigelt, G., 2013, *Pre-main-sequence binaries with tidally disrupted discs: the Bry in HD 104237*, MNRAS, 430, 1839
- Kervella, P., Mérand, A., Petr-Gotzens, M.G., Pribulla, T. & Thévenin, F. 2013, *The nearby eclipsing stellar system δ Velorum. IV. Differential astrometry with VLT/NACO at the 100 microarcsecond level*, A&A, 552, 18
- Mieske, S., Frank, M.J., Baumgardt, H., Lützgendorf, N., Neumayer, N. & Hilker, M. 2013, *On central black holes in ultra-compact dwarf galaxies*, A&A, 558, 14
- Milli, J., Mouillet, D., Mawet, D., Schmid, H.M., Bazzon, A., Girard, J.H., Dohlen, K. & Roelfsema, R. 2013, *Prospects of detecting the polarimetric signature of the Earth-mass planet α Centauri B b with SPHERE/ZIMPOL*, A&A, 556, 64
- Absil, O., Milli, J., Mawet, D., Lagrange, A.-M., Girard, J., Chauvin, G., Boccaletti, A., Delacroix, C., Surdej, J., 2013, *Searching for companions down to 2 AU from β Pictoris using the L'-band AGPM coronagraph on VLT/NACO*, A&A, 559, L12
- Milvang-Jensen, B., Freudling, W., Zabl, J., Fynbo, J.P.U., Möller, P., Nilsson, K.K., McCracken, H.J., Hjorth, J., Le Fèvre, O., Tasca, L., Dunlop, J.S. & Sobral, D. 2013, *On-sky characterisation of the VISTA NB118 narrow-band filters at 1.19 μm*, A&A, 560, 94
- Soto, M., Barbá, R., Guntherdt, G., Minniti, D., Lucas, P., Majaess, D., Irwin, M., Emerson, J.P., Gonzalez-Solares, E., Hempel, M., Saito, R.K., Gurovich, S., Roman-Lopes, A., Moni-Bidin, C., Santucho, M.V., Borissova, J., Kurtev, R., Toledo, I., Geisler, D., Dominguez, M. & Beamin, J.C. 2013, *Milky Way demographics with the VVV survey. II. Color transformations and near-infrared photometry for 136 million stars in the southern Galactic disk*, A&A, 552, 101
- Drilling, J.S., Jeffery, C.S., Heber, U., Moehler, S. & Napiwotzki, R. 2013, *An MK-like system of spectral classification for hot subdwarfs*, A&A, 551, 31
- Kruger, A.J., Richter, M.J., Carr, J.S., Najita, J.R., Moerchen, M.M., Doppmann, G.W. & Seifahrt, A. 2013, *The Curious Case of Glass I: High Ionization and Variability of Different Types*, ApJ, 764, 127
- Richichi, A., Fors, O., Cusano, F. & Moerchen, M. 2013, *Twenty-five Subarcsecond Binaries Discovered by Lunar Occultations*, AJ, 146, 59
- Möller, P., Fynbo, J.P.U., Ledoux, C. & Nilsson, K.K. 2013, *Mass-metallicity relation from z = 5 to the present: evidence for a transition in the mode of galaxy growth at z = 2.6 due to the end of sustained primordial gas infall*, MNRAS, 430, 2680
- Fynbo, J.P.U., Krogager, J.-K., Venemans, B., Noterdaeme, P., Vestergaard, M., Möller, P., Ledoux, C. & Geier, S. 2013, *Optical/Near-infrared Selection of Red Quasi-stellar Objects: Evidence for Steep Extinction Curves toward Galactic Centers?*, ApJS, 204, 6
- Carretta, E., Bragaglia, A., Gratton, R.G., Lucatello, S., D'Orazi, V., Bellazzini, M., Catanzaro, G., Leone, F., Momany, Y. & Sollima, A. 2013, *NGC 362: another globular cluster with a split red giant branch*, A&A, 557, 138
- Gratton, R.G., Lucatello, S., Sollima, A., Carretta, E., Bragaglia, A., Momany, Y., D'Orazi, V., Cassisi, S., Pietrinferni, A. & Salaris, M. 2013, *The Na-O anticorrelation in horizontal branch stars. III. 47 Tucanae and M 5*, A&A, 549, 41
- Molaro, P., Monaco, L., Barbieri, M. & Zaggia, S. 2013, *Detection of the Rossiter-McLaughlin effect in the 2012 June 6 Venus transit*, MNRAS, 429, L79
- Gilmore, G., Norris, J.E., Monaco, L., Yong, D., Wyse, R.F.G. & Geisler, D. 2013, *Elemental Abundances and their Implications for the Chemical Enrichment of the Boötes I Ultrafaint Galaxy*, ApJ, 763, 61
- Lovisi, L., Mucciarelli, A., Lanzoni, B., Ferraro, F.R., Dalessandro, E. & Monaco, L. 2013, *Flames and XSHOOTER Spectroscopy along the Two Blue Straggler Star Sequences of M30*, ApJ, 772, 148
- Caffau, E., Bonifacio, P., Sbordone, L., François, P., Monaco, L., Spite, M., Plez, B., Cayrel, R., Christlieb, N., Clark, P., Glover, S., Klessen, R., Koch, A., Ludwig, H.-G., Spite, F., Steffen, M., Zaggia, S., 2013, *TOPoS. I. Survey design and analysis of the first sample*, A&A, 560, 71
- Ellerbroek, L.E., Podio, L., Kaper, L., Sana, H., Huppenkothen, D., de Koter, A. & Monaco, L. 2013, *The outflow history of two Herbig-Haro jets in RCW 36: HH 1042 and HH 1043*, A&A, 551, 5
- Caffau, E., Ludwig, H.-G., Malherbe, J.-M., Bonifacio, P., Steffen, M., Monaco, L. 2013, *The photospheric solar oxygen project. II. Non-concordance of the oxygen abundance derived from two forbidden lines*, A&A, 554, 126
- Caffau, E., Bonifacio, P., François, P., Sbordone, L., Spite, M., Monaco, L., Plez, B., Spite, F., Zaggia, S., Ludwig, H.-G., Cayrel, R., Molaro, P., Randich, S., Hammer, F., Hill, V., 2013, *X-shooter GTO: evidence for a population of extremely metal-poor, alpha-poor stars*, A&A, 560, 15
- Bruni, G., Dallacasa, D., Mack, K.-H., Montenegro-Montes, F.M., González-Serrano, J.I., Holt, J., Jiménez-Luján, F. 2013, *The parsec-scale structure of radio-loud broad absorption line quasars*, A&A, 554, 94
- González-Merino, B., Pallé, E., Motalebi, F., Montañés-Rodríguez, P. & Kissler-Patig, M. 2013, *Earthshine observations at high spectral resolution: exploring and detecting metal lines in the Earth's upper atmosphere*, MNRAS, 435, 2574
- Müller, A., Roccatagliata, V., Henning, T., Fedele, D., Pasquali, A., Caffau, E., Rodriguez-Ledesma, M.V., Mohler-Fischer, M., Seemann, U. & Klement, R.J. 2013, *Reanalysis of the FEROS observations of HIP 11952*, A&A, 556, 3
- Boley, P.A., Linz, H., van Boekel, R., Henning, T., Feldt, M., Kaper, L., Leinert, C., Müller, A., Pascucci, I., Roberto, M., Stecklum, B., Waters, L.B.F.M. & Zinnecker, H. 2013, *The VLTI/MIDI survey of massive young stellar objects . Sounding the inner regions around intermediate- and high-mass young stars using mid-infrared interferometry*, A&A, 558, 24

- Rauch, C., Mužić, K., Eckart, A., Buchholz, R.M., García-Marín, M., Sabha, N., Straubmeier, C., Valencia-S., M. & Yazici, S. 2013, *A peek behind the dusty curtain: KS-band polarization photometry and bow shock models of the Galactic center source IRS 8*, A&A, 551, 35
- Kniazev, A.Y., Vaisanen, P., Mužić, K., Mehner, A., Boffin, H.M.J., Kurtev, R., Melo, C., Ivanov, V.D., Girard, J., Mawet, D., Schmidtobreick, L., Huelamo, N., Borissova, J., Minniti, D., Ishibashi, K., Potter, S.B., Beletsky, Y., Buckley, D.A.H., Crawford, S., Gulbis, A.A.S., Kotze, P., Miszalski, B., Pickering, T.E., Romero Colmenero, E. & Williams, T.B. 2013, *Characterization of the nearby L/T Binary Brown Dwarf WISE J104915.57-531906.1 at 2 Pc from the Sun*, ApJ, 770, 124
- Eckart, A., Mužić, K., Yazici, S., Sabha, N., Shahzamanian, B., Witzel, G., Moser, L., García-Marín, M., Valencia-S., M., Jalali, B., Bremer, M., Straubmeier, C., Rauch, C., Buchholz, R., Kunneriath, D. & Moutaka, J. 2013, *Near-infrared proper motions and spectroscopy of infrared excess sources at the Galactic center*, A&A, 551, 18
- Scholz, A., Geers, V., Clark, P., Jayawardhana, R. & Muzic, K. 2013, *Substellar Objects in Nearby Young Clusters. VII. The Substellar Mass Function Revisited*, ApJ, 775, 138
- Bicknell, G.V., Sutherland, R.S. & Neumayer, N. 2013, *The Kinematics and Ionization of Nuclear Gas Clouds in Centaurus A*, ApJ, 766, 36
- Sahai, R., Vlemmings, W.H.T., Huggins, P.J., Nyman, L.-Å., Gonidakis, I., 2013, *ALMA Observations of the Coldest Place in the Universe: The Boomerang Nebula*, ApJ, 777, 92
- Merello, M., Bronfman, L., Garay, G., Lo, N., Evans, N.J.I., Nyman, L.-Å., Cortés, J.R., Cunningham, M.R., 2013, *ALMA Observations of the Massive Molecular Outflow G331.512-0.103*, ApJ, 774, L7
- Merello, M., Bronfman, L., Garay, G., Nyman, L.-Å., Evans, N.J.I., Walmsley, C.M., 2013, *Physical Characteristics of G331.5-0.1: The Luminous Central Region of a Giant Molecular Cloud*, ApJ, 774, 38
- Giommi, P., Padovani, P. & Polenta, G. 2013, *A simplified view of blazars: the γ -ray case*, MNRAS, 431, 1914
- François, P., Pasquini, L., Biazzo, K., Bonifacio, P. & Palsa, R. 2013, *Lithium abundance in the metal-poor open cluster NGC 2243*, A&A, 552, 136
- Maguire, K., Sullivan, M., Patat, F., Gal-Yam, A., Hook, I.M., Dhawan, S., Howell, D.A., Mazzali, P., Nugent, P.E., Pan, Y.-C., Podsiadlowski, P., Simon, J.D., Sternberg, A., Valenti, S., Baltay, C., Bersier, D., Blagorodnova, N., Chen, T.-W., Ellman, N., Feindt, U., Förster, F., Fraser, M., González-Gaitán, S., Graham, M.L., Gutiérrez, C., Hachinger, S., Hadjyska, E., Inserra, C., Knipic, C., Laher, R.R., Leloudas, G., Margheim, S., McKinnon, R., Molinaro, M., Morrell, N., Ofek, E.O., Rabinowitz, D., Rest, A., Sand, D., Smareglia, R., Smartt, S.J., Taddia, F., Walker, E.S., Walton, N.A., Young, D.R., 2013, *A statistical analysis of circumstellar material in Type Ia supernovae*, MNRAS, 436, 222
- Patat, F., Cordiner, M.A., Cox, N.L.J., Anderson, R.I., Harutyunyan, A., Kotak, R., Palaversa, L., Stanishev, V., Tomasella, L., Benetti, S., Goobar, A., Pastorello, A. & Sollerman, J. 2013, *Multi-epoch high-resolution spectroscopy of SN 2011fe. Linking the progenitor to its environment*, A&A, 549, 62
- Phillips, M.M., Simon, J.D., Morrell, N., Burns, C.R., Cox, N.L.J., Foley, R.J., Karakas, A.I., Patat, F., Sternberg, A., Williams, R.E., Gal-Yam, A., Hsiao, E.Y., Leonard, D.C., Persson, S.E., Stritzinger, M., Thompson, I.B., Campillay, A., Contreras, C., Folatelli, G., Freedman, W.L., Hamuy, M., Roth, M., Shields, G.A., Suntzeff, N.B., Chomiuk, L., Ivans, I.I., Madore, B.F., Penprase, B.E., Perley, D., Pignata, G., Preston, G. & Soderberg, A.M. 2013, *On the Source of the Dust Extinction in Type Ia Supernovae and the Discovery of Anomalously Strong Na I Absorption*, ApJ, 779, 38
- Peng, T.-C., Despois, D., Brouillet, N., Baudry, A., Favre, C., Remijan, A., Wootten, A., Wilson, T.L. & Combes, F. Włodarczak, G. 2013, *Acetone in Orion BN/KL. High-resolution maps of a special oxygen-bearing molecule*, A&A, 554, 78
- Peng, T.-C., Humphreys, E.M.L., Testi, L., Baudry, A., Wittkowski, M., Rawlings, M.G., de Gregorio-Monsalvo, I., Vlemmings, W., Nyman, L.-A., Gray, M.D., de Breuck, C., 2013, *Silicon isotopic abundance toward evolved stars and its application for presolar grains*, A&A, 559, L8
- Riaz, B., Martín, E.L., Petr-Gotzens, M.G. & Monin, J.-L., 2013, *A near-infrared variability campaign of TMR-1: New light on the nature of the candidate protoplanet TMR-1C*, A&A, 559, 109
- Köhler, R., Ratzka, T., Petr-Gotzens, M.G. & Correia, S. 2013, *Orbits and masses in the young triple system TWA 5*, A&A, 558, 80
- Panić, O., Holland, W.S., Wyatt, M.C., Kennedy, G.M., Matthews, B.C., Lestrade, J.F., Sibthorpe, B., Greaves, J.S., Marshall, J.P., Phillips, N.M. & Tottle, J. 2013, *First results of the SONS survey: submillimetre detections of debris discs*, MNRAS, 435, 1037
- Foster, J.B., Mandel, K.S., Pineda, J.E., Covey, K.R., Arce, H.G. & Goodman, A.A. 2013, *Evidence for grain growth in molecular clouds: A Bayesian examination of the extinction law in Perseus*, MNRAS, 428, 1606
- Peretto, N., Fuller, G.A., Duarte-Cabral, A., Avison, A., Hennebelle, P., Pineda, J.E., André, P., Bontemps, S., Motte, F., Schneider, N. & Molinari, S. 2013, *Global collapse of molecular clouds as a formation mechanism for the most massive stars*, A&A, 555, 112
- Chen, X., Arce, H.G., Zhang, Q., Bourke, T.L., Launhardt, R., Jørgensen, J.K., Lee, C.-F., Foster, J.B., Dunham, M.M., Pineda, J.E., Henning, T., 2013, *SMA Observations of Class 0 Protostars: A High Angular Resolution Survey of Protostellar Binary Systems*, ApJ, 768, 110
- Pineda, J.E. & Teixeira, P.S. 2013, *Spokes cluster: The search for the quiescent gas*, A&A, 555, 106
- Pretorius, M.L., Knigge, C. & Schweppe, A.D. 2013, *The space density of magnetic cataclysmic variables*, MNRAS, 432, 570
- Simmerer, J., Feltzing, S. & Primas, F. 2013, *A study of the metal-rich, thick disk globular cluster NGC 5927. A stellar inventory*, A&A, 556, 58
- Siqueira Mello, C., Spite, M., Barbuy, B., Spite, F., Caffau, E., Hill, V., Wanajo, S., Primas, F., Plez, B., Cayrel, R., Andersen, J., Nordström, B., Sneden, C., Beers, T.C., Bonifacio, P., François, P. & Molaro, P. 2013, *First stars. XVI. HST/STIS abundances of heavy elements in the uranium-rich metal-poor star CS 31082-001*, A&A, 550, 122
- Coleiro, A., Chaty, S., Zurita Heras, J.A., Rahoui, F. & Tomsick, J.A. 2013, *Infrared identification of high-mass X-ray binaries discovered by INTEGRAL*, A&A, 560, 108
- Varricatt, W.P., Thomas, H.S., Davis, C.J., Ramsay, S. & Currie, M.J. 2013, *Star formation in the luminous YSO IRAS 18345-0641*, A&A, 554, 9
- Shepherd, D.S., Chandler, C.J., Cotton, B., Perley, R.A., Randall, S.K. & Remijan, A.J. 2013, *New insights into astrophysical jets with the atacama large millimeter array and the Karl G. Jansky very large array*, HEDP, 9, 26
- Brown, T.M., Landsman, W.B., Randall, S.K., Sweigart, A.V. & Lanz, T. 2013, *The Discovery of Pulsating Hot Subdwarfs in NGC 2808*, ApJ, 777, L22
- Rawlings, M.G., Juvela, M., Lehtinen, K., Mattila, K. & Lemke, D. 2013, *Observations of 6-200 μ m emission of the Ophiuchus cloud LDN 1688*, MNRAS, 428, 2617
- Lianou, S., Grebel, E.K., Da Costa, G.S., Rejkuba, M., Jerjen, H. & Koch, A. 2013, *Population gradients and photometric metallicities in early- and transition-type dwarf galaxies: Clues from the Sculptor group*, A&A, 550, 7
- Lardo, C., Pancino, E., Mucciarelli, A., Bellazzini, M., Rejkuba, M., Marinoni, S., Cocozza, G., Altavilla, G. & Ragaini, S. 2013, *The double red giant branch in M2: C, N, Sr and Ba abundances*, MNRAS, 433, 1941
- Petit, V., Owocki, S.P., Wade, G.A., Cohen, D.H., Sundqvist, J.O., Gagné, M., Maíz Apellániz, J., Oksala, M.E., Bohlender, D.A., Rivinius, T., Henrichs, H.F., Alecian, E., Townsend, R.H.D.,

- ud-Doula, A. & MiMeS Collaboration, M.C. 2013, *A magnetic confinement versus rotation classification of massive-star magnetospheres*, MNRAS, 429, 398
- Rivinius, T., Townsend, R.H.D., Kochukhov, O., Štefl, S., Baade, D., Barrera, L. & Szeifert, T. 2013, *Basic parameters and properties of the rapidly rotating magnetic helium-strong B star HR 7355*, MNRAS, 429, 177
- Rivinius, T., Carciofi, A.C. & Martayan, C. 2013, *Classical Be stars. Rapidly rotating B stars with viscous Keplerian decretion disks*, A&ARv, 21, 69
- Faes, D.M., Carciofi, A.C., Rivinius, T., Štefl, S., Baade, D. & Domiciano de Souza, A. 2013, *Differential interferometric phases at high spectral resolution as a sensitive physical diagnostic of circumstellar disks*, A&A, 555, 76
- Townsend, R.H.D., Rivinius, T., Rowe, J.F., Moffat, A.F.J., Matthews, J.M., Bohlender, D., Neiner, C., Telting, J.H., Guenther, D.B., Kallinger, T., Kuschnig, R., Rucinski, S.M., Sasselov, D. & Weiss, W.W. 2013, *MOST Observations of σ Ori E: Challenging the Centrifugal Breakout Narrative*, ApJ, 769, 33
- Miroshnichenko, A.S., Pasechnik, A.V., Manset, N., Carciofi, A.C., Rivinius, T., Štefl, S., Gvaramadze, V.V., Ribeiro, J., Fernando, A., Garrel, T., Knappen, J.H., Buil, C., Heathcote, B., Pollmann, E., Mauclaire, B., Thizy, O., Martin, J., Zharikov, S.V., Okazaki, A.T., Gandel, T.L., Eversberg, T. & Reinecke, N. 2013, *The 2011 Periastron Passage of the Be Binary δ Scorpii*, ApJ, 766, 119
- Kolaczkowski, Z., Mennickent, R.E., Rivinius, T. & Pietrzyński, G. 2013, *The quasi-resonant variability of the massive LMC system BI 108*, MNRAS, 429, 2852
- Rivinius, T., Baade, D., Townsend, R.H.D., Carciofi, A.C. & Štefl, S. 2013, *Variable rotational line broadening in the Be star Achernar*, A&A, 559, L4
- Iglesias-Páramo, J., Vilchez, J.M., Galbany, L., Sánchez, S.F., Rosales-Ortega, F.F., Mast, D., García-Benito, R., Husemann, B., Aguerri, J.A.L., Alves, J., Bekeraite, S., Bland-Hawthorn, J., Catalán-Torrecilla, C., de Amorim, A.L., de Lorenzo-Cáceres, A., Ellis, S., Falcón-Barroso, J., Flores, H., Florido, E., Gallazzi, A., Gomes, J.M., González Delgado, R.M., Haines, T., Hernández-Fernández, J.D., Kehrig, C., López-Sánchez, A.R., Lyubenova, M., Marino, R.A., Mollá, M., Monreal-Ibero, A., Mourão, A., Papaderos, P., Rodrigues, M., Sánchez-Blázquez, P., Spekkens, K., Stanishev, V., van de Ven, G., Walcher, C.J., Wisotzki, L., Zibetti, S. & Ziegler, B. 2013, *Aperture corrections for disk galaxy properties derived from the CALIFA survey. Balmer emission lines in spiral galaxies*, A&A, 553, L7
- Rothberg, B., Fischer, J., Rodrigues, M. & Sanders, D.B. 2013, *Unveiling the σ -discrepancy. II. Revisiting the Evolution of ULIRGs and the Origin of Quasars*, ApJ, 767, 72
- Genovali, K., Lemasse, B., Bono, G., Romaniello, M., Primas, F., Fabrizio, M., Buonanno, R., François, P., Inno, L., Laney, C.D., Matsunaga, N., Pedicelli, S. & Thévenin, F. 2013, *On the metallicity distribution of classical Cepheids in the Galactic inner disk*, A&A, 554, 132
- Biviano, A., Rosati, P., Balestra, I., Mercurio, A., Girardi, M., Nonino, M., Grillo, C., Scodéggi, M., Lemze, D., Kelson, D., Umetsu, K., Postman, M., Zitrin, A., Czoske, O., Ettori, S., Fritz, A., Lombardi, M., Maier, C., Medezinski, E., Mei, S., Presotto, V., Strazzullo, V., Tozzi, P., Ziegler, B., Annunziatella, M., Bartelmann, M., Benitez, N., Bradley, L., Brescia, M., Broadhurst, T., Coe, D., Demarco, R., Donahue, M., Ford, H., Gobat, R., Graves, G., Koekemoer, A., Kuchner, U., Melchior, P., Meneghetti, M., Merten, J., Moustakas, L., Munari, E., Rego, E., Sartoris, B., Seitz, S. & Zheng, W. 2013, *CLASH-VLT: The mass, velocity-anisotropy, and pseudo-phase-space density profiles of the $z = 0.44$ galaxy cluster MACS J1206.2-0847*, A&A, 558, 1
- Medezinski, E., Umetsu, K., Nonino, M., Merten, J., Zitrin, A., Broadhurst, T., Donahue, M., Sayers, J., Waizmann, J.-C., Koekemoer, A., Coe, D., Molino, A., Melchior, P., Mroczkowski, T., Czakon, N., Postman, M., Meneghetti, M., Lemze, D., Ford, H., Grillo, C., Kelson, D., Bradley, L., Moustakas, J., Bartelmann, M., Bouwens, R., Golwala, S., Graves, G., Infante, L., Jiménez-Teja, Y., Jouvel, S., Lahav, O., Moustakas, L., Ogaz, S., Rosati, P., Seitz, S., Zheng, W., 2013, *CLASH: Complete Lensing Analysis of the Largest Cosmic Lens MACS J0717.5+3745 and Surrounding Structures*, ApJ, 777, 43
- Zitrin, A., Meneghetti, M., Umetsu, K., Broadhurst, T., Bartelmann, M., Bouwens, R., Bradley, L., Carrasco, M., Coe, D., Ford, H., Kelson, D., Koekemoer, A.M., Medezinski, E., Moustakas, J., Moustakas, L.A., Nonino, M., Postman, M., Rosati, P., Seidel, G., Seitz, S., Sendra, I., Shu, X., Vega, J. & Zheng, W. 2013, *CLASH: The Enhanced Lensing Efficiency of the Highly Elongated Merging Cluster MACS J0416.1-2403*, ApJ, 762, L30
- Coe, D., Zitrin, A., Carrasco, M., Shu, X., Zheng, W., Postman, M., Bradley, L., Koekemoer, A., Bouwens, R., Broadhurst, T., Monna, A., Host, O., Moustakas, L.A., Ford, H., Moustakas, J., van der Wel, A., Donahue, M., Rodney, S.A., Benítez, N., Jouvel, S., Seitz, S., Kelson, D.D. & Rosati, P. 2013, *CLASH: Three Strongly Lensed Images of a Candidate $z \approx 11$ Galaxy*, ApJ, 762, 32
- Tozzi, P., Santos, J.S., Nonino, M., Rosati, P., Borgani, S., Sartoris, B., Altieri, B. & Sanchez-Portal, M. 2013, *Chandra and optical/IR observations of CXO J1415.2+3610, a massive, newly discovered galaxy cluster at $z \sim 1.5$* , A&A, 551, 45
- de Hoon, A., Lamer, G., Schwabe, A., Mühlberger, M., Fassbender, R., Böhringer, H., Lerchster, M., Nastasi, A., Šuhada, R., Verdugo, M., Dietrich, J.P., Brimioule, F., Rosati, P., Pierini, D., Santos, J.S., Quintana, H., Rabitz, A. & Takey, A. 2013, *Distant galaxy clusters in a deep XMM-Newton field within the CFTHLS D4*, A&A, 551, 8
- Santos, J.S., Altieri, B., Popesso, P., Strazzullo, V., Valtchanov, I., Berta, S., Böhringer, H., Conversi, L., Demarco, R., Edge, A.C., Lidman, C., Lutz, D., Metcalfe, L., Mullis, C.R., Pintos-Castro, I., Sánchez-Portal, M., Ravle, T.D., Rosati, P., Swinbank, A.M. & Tanaka, M. 2013, *Dust-obscured star formation in the outskirts of XMMU J2235.3-2557, a massive galaxy cluster at $z = 1.4$* , MNRAS, 433, 1287
- Liu, T., Tozzi, P., Tundo, E., Moretti, A., Wang, J.-X., Rosati, P., Guglielmetti, F. 2013, *EXSdetect: an end-to-end software for extended source detection in X-ray images: application to Swift-XRT data*, A&A, 549, 143
- Kurk, J., Cimatti, A., Daddi, E., Mignoli, M., Pozzetti, L., Dickinson, M., Bolzonella, M., Zamorani, G., Cassata, P., Rodighiero, G., Franceschini, A., Renzini, A., Rosati, P., Halliday, C. & Berta, S. 2013, *GAmass ultradeep spectroscopy of galaxies at $z \sim 2$. VII. Sample selection and spectroscopy*, A&A, 549, 63
- Eichner, T., Seitz, S., Suyu, S.H., Halkola, A., Umetsu, K., Zitrin, A., Coe, D., Monna, A., Rosati, P., Grillo, C., Balestra, I., Postman, M., Koekemoer, A., Zheng, W., Høst, O., Lemze, D., Broadhurst, T., Moustakas, L., Bradley, L., Molino, A., Nonino, M., Mercurio, A., Scodéggi, M., Bartelmann, M., Benitez, N., Bouwens, R., Donahue, M., Infante, L., Jouvel, S., Kelson, D., Lahav, O., Medezinski, E., Melchior, P., Merten, J. & Riess, A. 2013, *Galaxy Halo Truncation and Giant Arc Surface Brightness Reconstruction in the Cluster MACSJ1206.2-0847*, ApJ, 774, 124
- Nantais, J.B., Flores, H., Demarco, R., Lidman, C., Rosati, P. & Jee, M.J. 2013, *Morphology with light profile fitting of confirmed cluster galaxies at $z = 0.84$* , A&A, 555, 5
- Nantais, J.B., Flores, H., Demarco, R., Lidman, C., Rosati, P. & Jee, M.J. 2013, *Morphology with light profile fitting of confirmed cluster galaxies at $z = 0.84$ (Corrigendum)*, A&A, 556, 4
- Nantais, J.B., Rettura, A., Lidman, C., Demarco, R., Gobat, R., Rosati, P. & Jee, M.J. 2013, *Star-forming fractions and galaxy evolution with redshift in rich X-ray-selected galaxy clusters*, A&A, 556, 112
- Lemze, D., Postman, M., Genel, S., Ford, H.C., Balestra, I., Donahue, M., Kelson, D., Nonino, M., Mercurio, A., Biviano,

- A., Rosati, P., Umetsu, K., Sand, D., Koekemoer, A., Meneghetti, M., Melchior, P., Newman, A.B., Bhatti, W.A., Voit, G.M., Medezinski, E., Zitrin, A., Zheng, W., Broadhurst, T., Bartelmann, M., Benitez, N., Bouwens, R., Bradley, L., Coe, D., Graves, G., Grillo, C., Infante, L., Jimenez-Teja, Y., Jauvel, S., Lahav, O., Maoz, D., Merten, J., Molino, A., Moustakas, J., Moustakas, L., Ogaz, S., Scodéglio, M. & Seitz, S. 2013, *The Contribution of Halos with Different Mass Ratios to the Overall Growth of Cluster-sized Halos*, ApJ, 776, 91
- Lidman, C., Iacobuta, G., Bauer, A.E., Barrientos, L.F., Cerulo, P., Couch, W.J., Delaey, L., Demarco, R., Ellingson, E., Faloon, A.J., Gilbank, D., Huertas-Company, M., Mei, S., Meyers, J., Muzzin, A., Noble, A., Nantais, J., Rettura, A., Rosati, P., Sánchez-Janssen, R., Strazzullo, V., Webb, T.M.A., Wilson, G., Yan, R. & Yee, H.K.C. 2013, *The importance of major mergers in the build up of stellar mass in brightest cluster galaxies at $z = 1$* , MNRAS, 433, 825
- Sánchez-Janssen, R., Amorín, R., García-Vargas, M., Gomes, J.M., Huertas-Company, M., Jiménez-Estebar, F., Mollá, M., Papaderos, P., Pérez-Montero, E., Rodrigo, C., Sánchez Almeida, J. & Solano, E. 2013, *A Virtual Observatory Census to Address Dwarfs Origins (AVOCADO). I. Science goals, sample selection, and analysis tools*, A&A, 554, 20
- Sanchez-Bermudez, J., Schödel, R., Alberdi, A., Barbá, R.H., Hummel, C.A., Maíz Apellániz, J. & Pott, J.-U., 2013, *Direct detection of the tertiary component in the massive multiple HD 150136 with VLTI*, A&A, 554, L4
- Sánchez-Janssen, R. & Gadotti, D.A. 2013, *Evidence for secular evolution of disc structural parameters in massive barred galaxies*, MNRAS, 432, L56
- Smith, R., Sánchez-Janssen, R., Fellhauer, M., Puzia, T.H., Aguerrí, J.A.L. & Farias, J.P. 2013, *The impact of galaxy harassment on the globular cluster systems of early-type cluster dwarf galaxies*, MNRAS, 429, 1066
- Saulder, C., Mieske, S., Zeilinger, W.W. & Chilingarian, I. 2013, *Calibrating the fundamental plane with SDSS DR8 data*, A&A, 557, 21
- Jerjen, H., Da Costa, G.S., Willman, B., Tisserand, P., Arimoto, N., Okamoto, S., Mateo, M., Saviane, I., Walsh, S., Geha, M., Jordán, A., Olszewski, E., Walker, M., Zoccali, M. & Kroupa, P. 2013, *Main-Sequence Star Populations in the Virgo Overdensity Region*, ApJ, 769, 14
- Gandhi, P., Yamanaka, M., Tanaka, M., Nozawa, T., Kawabata, K.S., Saviane, I., Maeda, K., Moriya, T.J., Hattori, T., Sasada, M. & Itoh, R. 2013, *SN 2009js at the Crossroads between Normal and Subluminous Type IIP Supernovae: Optical and Mid-infrared Evolution*, ApJ, 767, 166
- Tappert, C., Vogt, N., Schmidtobreick, L., Ederoclite, A. & Vanderbeke, J. 2013, *Life after eruption - II. The eclipsing old nova V728 Scorpii*, MNRAS, 431, 92
- Tappert, C., Schmidtobreick, L., Vogt, N. & Ederoclite, A. 2013, *Life after eruption - III. Orbital periods of the old novae V365 Car, AR Cir, V972 Oph, HS Pup, V909 Sgr, V373 Sct and CN Vel*, MNRAS, 436, 2412
- Hubrig, S., Schöller, M., Ilyin, I., Kharchenko, N.V., Oskinova, L.M., Langer, N., González, J.F., Kholtygin, A.F., Briquet, M. & Magori Collaboration, M.C. 2013, *Exploring the origin of magnetic fields in massive stars. II. New magnetic field measurements in cluster and field stars*, A&A, 551, 33
- Hubrig, S., Ilyin, I., Schöller, M. & Lo Curto, G. 2013, *HARPS spectropolarimetry of Herbig Ae/Be stars*, AN, 334, 1093
- Contreras, Y., Schuller, F., Urquhart, J.S., Csengeri, T., Wyrowski, F., Beuther, H., Bontemps, S., Bronfman, L., Henning, T., Menten, K.M., Schilke, P., Walmsley, C.M., Wien, M., Tackenberg, J. & Linz, H. 2013, *ATLASGAL - compact source catalogue: $330^\circ < \ell < 21^\circ$* , A&A, 549, 45
- Urquhart, J.S., Moore, T.J.T., Schuller, F., Wyrowski, F., Menten, K.M., Thompson, M.A., Csengeri, T., Walmsley, C.M., Bronfman, L. & König, C. 2013, *ATLASGAL - environments of 6.7 GHz methanol masers*, MNRAS, 431, 1752
- Urquhart, J.S., Thompson, M.A., Moore, T.J.T., Purcell, C.R., Hoare, M.G., Schuller, F., Wyrowski, F., Csengeri, T., Menten, K.M., Lumsden, S.L., Kurtz, S., Walmsley, C.M., Bronfman, L., Morgan, L.K., Eden, D.J. & Russeil, D. 2013, *ATLASGAL - properties of compact H II regions and their natal clumps*, MNRAS, 435, 400
- Chira, R.-A., Beuther, H., Linz, H., Schuller, F., Walmsley, C.M. & Menten, K.M., Bronfman, L. 2013, *Characterization of infrared dark clouds. NH3 observations of an absorption-contrast selected IRDC sample*, A&A, 552, 40
- Rygl, K.L.J., Wyrowski, F., Schuller, F. & Menten, K.M. 2013, *Initial phases of massive star formation in high infrared extinction clouds. II. Infall and onset of star formation*, A&A, 549, 5
- Morales, E.F.E., Wyrowski, F., Schuller, F. & Menten, K.M. 2013, *Stellar clusters in the inner Galaxy and their correlation with cold dust emission*, A&A, 560, 76
- Tackenberg, J., Beuther, H., Plume, R., Henning, T., Stil, J., Walmsley, M., Schuller, F. & Schmiedeke, A. 2013, *Triggered/sequential star formation? A multi-phase ISM study around the prominent IRDC G18.93-0.03*, A&A, 550, 116
- Selman, F.J. & Melnick, J. 2013, *The central density of R136 in 30 Doradus*, A&A, 552, 94
- Efstathiou, A., Christopher, N., Verma, A. & Siebenmorgen, R. 2013, *Active galactic nucleus torus models and the puzzling infrared spectrum of IRAS F10214+4724*, MNRAS, 436, 1873
- Hezareh, T., Wiesemeyer, H., Houde, M., Gusdorf, A. & Siringo, G. 2013, *Non-Zeeman circular polarization of CO rotational lines in SNR IC 443*, A&A, 558, 45
- Brown, J.M., Pontoppidan, K.M., van Dishoeck, E.F., Herczeg, G.J., Blake, G.A. & Smette, A. 2013, *VLT-CRIRES Survey of Rovibrational CO Emission from Protoplanetary Disks*, ApJ, 770, 94
- Huynh, M.T., Norris, R.P., Coppin, K.E.K., Emonts, B.H.C., Ivison, R.J., Seymour, N., Smail, I., Smolčić, V., Swinbank, A.M., Brandt, W.N., Chapman, S.C., Dannerbauer, H., De Breuck, C., Greve, T.R., Hodge, J.A., Karim, A., Knudsen, K.K., Menten, K.M., van der Werf, P.P., Walter, F. & Weiss, A. 2013, *Physical conditions of the gas in an ALMA [C II]-identified submillimetre galaxy at $z = 4.44$* , MNRAS, 431, L88
- Ricci, D., Elyiv, A., Finet, F., Wertz, O., Alsabai, K., Anguita, T., Bozza, V., Browne, P., Burgdorf, M., Calchi Novati, S., Dodds, P., Dominik, M., Dreizler, S., Gerner, T., Glitstrup, M., Grundahl, F., Hardis, S., Harpsøe, K., Hinse, T.C., Hornstrup, A., Hundertmark, M., Jørgensen, U.G., Kains, N., Kerins, E., Liebig, C., Maier, G., Mancini, L., Masi, G., Mathiasen, M., Penny, M., Proft, S., Rahvar, S., Scarpetta, G., Sahu, K., Schäfer, S., Schönebeck, F., Schmidt, R., Skottfelt, J., Snodgrass, C., Southworth, J., Thöne, C.C., Wambsganss, J., Zimmer, F., Zub, M. & Surdej, J. 2013, *Flux and color variations of the doubly imaged quasar UM673*, A&A, 551, 104
- Furusawa, K., Udalski, A., Sumi, T., Bennett, D.P., Bond, I.A., Gould, A., Jørgensen, U.G., Snodgrass, C., Dominis Prester, D., Albrow, M.D., Abe, F., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Harris, P., Itow, Y., Ling, C.H., Masuda, K., Matsubara, Y., Miyake, N., Muraki, Y., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Suzuki, D., Sweatman, W.L., Tristram, P.J., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Szymański, M.K., Soszyński, I., Kubiak, M., Poleski, R., Ulaczyk, K., Pietrzyński, G., Wyrzykowski, Ł., The OGLE Collaboration, T.O.C., Choi, J.-Y., Christie, G.W., DePoy, D.L., Dong, S., Drummond, J., Gaudi, B.S., Han, C., Hung, L.-W., Hwang, K.-H., Lee, C.-U., McCormick, J., Moorhouse, D., Natusch, T., Nola, M., Ofek, E., Pogge, R.W., Shin, I.-G., Skowron, J., Thornley, G., Yee, J.C., The µFUN Collaboration, T.µ.C., Alsabai, K.A., Bozza, V., Browne, P., Burgdorf, M.J., Calchi Novati, S., Dodds, P., Dominik, M., Finet, F., Gerner, T., Hardis, S., Harpsøe, K., Hinse, T.C., Hundertmark, M., Kains, N., Kerins, E., Liebig, C., Mancini, L., Mathiasen, M., Penny, M.T., Proft, S., Rahvar, S., Ricci, D., Scarpetta, G., Schäfer, S., Schönebeck, F., Southworth, J., Surdej, J., Wambsganss, J., MiNDSTEp

- Consortium, T., Street, R.A., Bramich, D.M., Steele, I.A., Tsapras, Y., The RoboNet Collaboration, T.R.C., Horne, K., Donatowicz, J., Sahu, K.C., Bachelet, E., Batista, V., Beatty, T.G., Beaulieu, J.-P., Bennett, C.S., Black, C., Bowens-Rubin, R., Brilliant, S., Caldwell, J.A.R., Cassan, A., Cole, A.A., Corrales, E., Coutures, C., Dieters, S., Fouqué, P., Greenhill, J., Henderson, C.B., Kubas, D., Marquette, J.-B., Martin, R., Menzies, J.W., Shappee, B., Williams, A., Wouters, D., van Saders, J., Zellem, R., Zub, M., The PLANET Collaboration, T.P.C., 2013, *MOA-2010-BLG-328Lb: A Sub-Neptune Orbiting very Late M Dwarf?*, *ApJ*, 779, 91
- Koepferl, C.M., Ercolano, B., Dale, J., Teixeira, P.S., Ratzka, T. & Spezzi, L. 2013, *Disc clearing of young stellar objects: evidence for fast inside-out dispersal*, *MNRAS*, 428, 3327
- Ribas, Á., Merín, B., Bouy, H., Alves de Oliveira, C., Ardila, D.R., Puga, E., Kóspál, Á., Spezzi, L., Cox, N.L.J., Prusti, T., Pilbratt, G.L., André, P., Matrà, L. & Vavrek, R. 2013, *Identification of transitional disks in Chamaeleon with Herschel*, *A&A*, 552, 115
- Spezzi, L., Cox, N.L.J., Prusti, T., Merín, B., Ribas, Á., Alves de Oliveira, C., Winston, E., Kóspál, Á., Royer, P., Vavrek, R., André, P., Pilbratt, G.L., Testi, L., Bressert, E., Ricci, L., Men'shchikov, A. & Könyves, V. 2013, *The Herschel Gould Belt Survey in Chamaeleon II. Properties of cold dust in disks around young stellar objects*, *A&A*, 555, 71
- Dunham, M.M., Arce, H.G., Allen, L.E., Evans, N.J.I., Broekhoven-Fiene, H., Chapman, N.L., Cieza, L.A., Gutermuth, R.A., Harvey, P.M., Hatchell, J., Huard, T.L., Kirk, J.M., Matthews, B.C., Merín, B., Miller, J.F., Peterson, D.E. & Spezzi, L. 2013, *The Luminosities of Protostars in the Spitzer c2d and Gould Belt Legacy Clouds*, *AJ*, 145, 94
- Fransson, C., Larsson, J., Spyromilio, J., Chevalier, R., Gröningsson, P., Jerkstrand, A., Leibundgut, B., McCray, R., Challis, P., Kirshner, R.P., Kjaer, K., Lundqvist, P. & Sollerman, J. 2013, *Late Spectral Evolution of the Ejecta and Reverse Shock in SN 1987A*, *ApJ*, 768, 88
- Maund, J.R., Spyromilio, J., Höflich, P.A., Wheeler, J.C., Baade, D., Clocchiatti, A., Patat, F., Reilly, E., Wang, L. & Zelaya, P. 2013, *Spectropolarimetry of the Type Ia supernova 2012fr*, *MNRAS*, 433, L20
- Childress, M.J., Scalzo, R.A., Sim, S.A., Tucker, B.E., Yuan, F., Schmidt, B.P., Cenko, S.B., Silverman, J.M., Contreras, C., Hsiao, E.Y., Phillips, M., Morrell, N., Jha, S.W., McCully, C., Filippenko, A.V., Anderson, J.P., Benetti, S., Bufano, F., de Jaeger, T., Forster, F., Gal-Yam, A., Le Guillou, L., Maguire, K., Maund, J., Mazzali, P.A., Pignata, G., Smartt, S., Spyromilio, J., Sullivan, M., Taddia, F., Valenti, S., Bayliss, D.D.R., Bessell, M., Blanc, G.A., Carson, D.J., Clubb, K.I., de Burgh-Day, C., Desjardins, T.D., Fang, J.J., Fox, O.D., Gates, E.L., Ho, I.-T., Keller, S., Kelly, P.L., Lidman, C., Loaring, N.S., Mould, J.R., Owers, M., Ozbilgen, S., Pei, L., Pickering, T., Pracy, M.B., Rich, J.A., Schaefer, B.E., Scott, N., Stritzinger, M., Vogt, F.P.A., Zhou, G., 2013, *Spectroscopic Observations of SN 2012fr: A Luminous, Normal Type Ia Supernova with Early High-velocity Features and a Late Velocity Plateau*, *ApJ*, 770, 29
- Taubenberger, S., Kromer, M., Hachinger, S., Mazzali, P.A., Benetti, S., Nugent, P.E., Scalzo, R.A., Pakmor, R., Stanishev, V., Spyromilio, J., Bufano, F., Sim, S.A., Leibundgut, B. & Hillebrandt, W. 2013, *'Super-Chandrasekhar' Type Ia Supernovae at nebular epochs*, *MNRAS*, 432, 3117
- Stutz, A.M., Tobin, J.J., Stanke, T., Megeath, S.T., Fischer, W.J., Robitaille, T., Henning, T., Ali, B., di Francesco, J., Furlan, E., Hartmann, L., Osorio, M., Wilson, T.L., Allen, L., Krause, O. & Manoj, P. 2013, *A Herschel and APEX Census of the Reddest Sources in Orion: Searching for the Youngest Protostars*, *ApJ*, 767, 36
- Sánchez-Monge, Á., Cesaroni, R., Beltrán, M.T., Kumar, M.S.N., Stanke, T., Zinnecker, H., Etoka, S., Galli, D., Hummel, C.A., Moscadelli, L., Preibisch, T., Ratzka, T., van der Tak, F.F.S., Vig, S., Walmsley, C.M. & Wang, K.-S., 2013, *A candidate circumbinary Keplerian disk in G35.20-0.74 N: A study with ALMA*, *A&A*, 552, L10
- Zhang, M., Brandner, W., Wang, H., Gennaro, M., Bik, A., Henning, T., Gredel, R., Smith, M. & Stanke, T. 2013, *Proper motions of molecular hydrogen outflows in the ρ Ophiuchi molecular cloud*, *A&A*, 553, 41
- Fischer, W.J., Megeath, S.T., Stutz, A.M., Tobin, J.J., Ali, B., Stanke, T., Osorio, M., Furlan, E., HOPS Team, H.T. & Orion Protostar Survey, O.P.S. 2013, *Results from HOPS: A multiwavelength census of Orion protostars*, *AN*, 334, 53
- Ao, Y., Henkel, C., Menten, K.M., Requena-Torres, M.A., Stanke, T., Mauersberger, R., Aalto, S., Mühle, S. & Mangum, J. 2013, *The thermal state of molecular clouds in the Galactic center: evidence for non-photon-driven heating*, *A&A*, 550, 135
- Lagrange, A.-M., Meunier, N., Chauvin, G., Sterzik, M., Galland, F., Lo Curto, G. & Rameau, J.Sosnowska, D. 2013, *Planets around stars in young nearby associations. Radial velocity searches: a feasibility study and first results*, *A&A*, 559, 83
- Tacconi-Garman, L.E. & Sturm, E. 2013, *3.3 μ m PAH observations of the central kiloparsecs of Centaurus A*, *A&A*, 551, 139
- Beltrán, M.T., Olmi, L., Cesaroni, R., Schisano, E., Elia, D., Molinari, S., Di Giorgio, A.M., Kirk, J.M., Mottram, J.C., Pestalozzi, M., Testi, L. & Thompson, M.A. 2013, *A Hi-GAL study of the high-mass star-forming region G29.96-0.02*, *A&A*, 552, 123
- Ricci, L., Isella, A., Carpenter, J.M. & Testi, L. 2013, *CARMA Interferometric Observations of 2MASS J044427+2512: The First Spatially Resolved Observations of Thermal Emission of a Brown Dwarf Disk*, *ApJ*, 764, L27
- Roy, A., Martin, P.G., Polychroni, D., Bontemps, S., Abergel, A., André, P., Arzoumanian, D., Di Francesco, J., Hill, T., Könyves, V., Nguyen-Luong, Q., Pezzuto, S., Schneider, N., Testi, L. & White, G. 2013, *Changes of Dust Opacity with Density in the Orion A Molecular Cloud*, *ApJ*, 763, 55
- Sánchez-Monge, Á., Beltrán, M.T., Cesaroni, R., Fontani, F., Brand, J., Molinari, S., Testi, L. & Burton, M. 2013, *Different evolutionary stages in massive star formation. Centimeter continuum and H₂O maser emission with ATCA*, *A&A*, 550, 21
- Leurini, S., Codella, C., Gusdorf, A., Zapata, L., Gómez-Ruiz, A., Testi, L. & Pillai, T. 2013, *Evidence of a SiO collimated outflow from a massive YSO in IRAS 17233-3606*, *A&A*, 554, 35
- Pinilla, P., Birnstiel, T., Benisty, M., Ricci, L., Natta, A., Dullemond, C.P., Dominik, C. & Testi, L. 2013, *Explaining millimeter-sized particles in brown dwarf disks*, *A&A*, 554, 95
- Kirk, J.M., Ward-Thompson, D., Palmeirim, P., André, P., Griffin, M.J., Hargrave, P.J., Könyves, V., Bernard, J.-P., Nutter, D.J., Sibthorpe, B., Di Francesco, J., Abergel, A., Arzoumanian, D., Benedettini, M., Bontemps, S., Elia, D., Hennemann, M., Hill, T., Men'shchikov, A., Motte, F., Nguyen-Luong, Q., Peretto, N., Pezzuto, S., Rygl, K.L.J., Sadavoy, S.I., Schisano, E., Schneider, N., Testi, L., White, G., 2013, *First results from the Herschel Gould Belt Survey in Taurus*, *MNRAS*, 432, 1424
- Fallscheer, C., Reid, M.A., Di Francesco, J., Martin, P.G., Hill, T., Hennemann, M., Nguyen-Luong, Q., Motte, F., Men'shchikov, A., André, P., Ward-Thompson, D., Griffin, M., Kirk, J., Könyves, V., Rygl, K.L.J., Sadavoy, S., Sauvage, M., Schneider, N., Anderson, L.D., Benedettini, M., Bernard, J.-P., Bontemps, S., Ginsburg, A., Molinari, S., Polychroni, D., Rivera-Ingraham, A., Roussel, H., Testi, L., White, G., Williams, J.P., Wilson, C.D., Wong, M., Zavagno, A., 2013, *Herschel Reveals Massive Cold Clumps in NGC 7538*, *ApJ*, 773, 102
- Olmi, L., Anglés-Alcázar, D., Elia, D., Molinari, S., Montier, L., Pestalozzi, M., Pezzuto, S., Polychroni, D., Ristorcelli, I., Rodon, J., Schisano, E., Smith, M.D., Testi, L. & Thompson, M. 2013, *On the shape of the mass-function of dense clumps in the Hi-GAL fields. I. Spectral energy distribution determination and global properties of the mass-functions*, *A&A*, 551, 111

- Rygl, K.L.J., Benedettini, M., Schisano, E., Elia, D., Molinari, S., Pezzuto, S., André, P., Bernard, J.P., White, G.J., Polychroni, D., Bontemps, S., Cox, N.L.J., Di Francesco, J., Facchini, A., Fallscheer, C., di Giorgio, A.M., Hennemann, M., Hill, T., Könyves, V., Minier, V., Motte, F., Nguyen-Luong, Q., Peretto, N., Pestalozzi, M., Sadavoy, S., Schneider, N., Spinoglio, L., Testi, L. & Ward-Thompson, D. 2013, *Recent star formation in the Lupus clouds as seen by Herschel*, A&A, 549, L1
- Sadavoy, S.I., Di Francesco, J., Johnstone, D., Currie, M.J., Drabek, E., Hatchell, J., Nutter, D., André, P., Arzoumanian, D., Benedettini, M., Bernard, J.-P., Duarte-Cabral, A., Fallscheer, C., Friesen, R., Greaves, J., Hennemann, M., Hill, T., Jenness, T., Könyves, V., Matthews, B., Mottram, J.C., Pezzuto, S., Roy, A., Rygl, K., Schneider-Bontemps, N., Spinoglio, L., Testi, L., Tothill, N., Ward-Thompson, D., White, G., JCMT, t., Herschel Gould Belt Survey teams, H.G.B.S.t., 2013, *The Herschel and JCMT Gould Belt Surveys: Constraining Dust Properties in the Perseus B1 Clump with PACS, SPIRE, and SCUBA-2*, ApJ, 767, 126
- Russeil, D., Schneider, N., Anderson, L.D., Zavagno, A., Molinari, S., Persi, P., Bontemps, S., Motte, F., Ossenkopf, V., André, P., Arzoumanian, D., Bernard, J.-P., Deharveng, L., Didelon, P., Di Francesco, J., Elia, D., Hennemann, M., Hill, T., Könyves, V., Li, J.Z., Martin, P.G., Nguyen Luong, Q., Peretto, N., Pezzuto, S., Polychroni, D., Roussel, H., Rygl, K.L.J., Spinoglio, L., Testi, L., Tigé, J., Vavrek, R., Ward-Thompson, D., White, G., 2013, *The Herschel view of the massive star-forming region NGC 6334*, A&A, 554, 42
- Podio, L., Kamp, I., Codella, C., Cabrit, S., Nisini, B., Dougados, C., Sandell, G., Williams, J.P., Testi, L., Thi, W.-F., Woitke, P., Meijerink, R., Spaans, M., Aresu, G., Ménard, F., Pinte, C., 2013, *Water Vapor in the Protoplanetary Disk of DG Tau*, ApJ, 766, L5
- Massaro, F., Harris, D.E., Tremblay, G.R., Liuzzo, E., Bonafede, A. & Paggi, A. 2013, *A Chandra Snapshot Survey for 3C Radio Galaxies with Redshifts between 0.3 and 0.5*, ApJS, 206, 7
- Labiano, A., García-Burillo, S., Combes, F., Usero, A., Soria-Ruiz, R., Tremblay, G., Neri, R., Fuente, A., Morganti, R. & Oosterloo, T. 2013, *Fueling the central engine of radio galaxies. II. The footprints of AGN feedback on the ISM of 3C 236*, A&A, 549, 58
- O'Dea, C.P., Baum, S.A., Tremblay, G.R., Kharb, P., Cotton, W. & Perley, R. 2013, *Hubble Space Telescope Observations of Dusty Filaments in Hercules A: Evidence for Entrainment*, ApJ, 771, 38
- Trigo, M.D., Miller-Jones, J.C.A., Migliari, S., Broderick, J.W. & Tzioumis, T. 2013, *Baryons in the relativistic jets of the stellar-mass black-hole candidate 4U1630-47*, Natur, 504, 260
- Trotta, F., Testi, L., Natta, A., Isella, A. & Ricci, L. 2013, *Constraints on the radial distribution of the dust properties in the CQ Tauri protoplanetary disk*, A&A, 558, 64
- Tsamis, Y.G., Flores-Fajardo, N., Henney, W.J., Walsh, J.R. & Mesa-Delgado, A. 2013, *Chemical abundances in Orion protoplanetary discs: integral field spectroscopy and photoevaporation models of HST 10*, MNRAS, 430, 3406
- Stasińska, G., Peña, M., Bresolin, F. & Tsamis, Y.G. 2013, *Planetary nebulae and H ii regions in the spiral galaxy NGC 300. Clues on the evolution of abundance gradients and on AGB nucleosynthesis*, A&A, 552, 12
- James, B.L., Tsamis, Y.G., Walsh, J.R., Barlow, M.J. & Westmoquette, M.S. 2013, *The Lyman break analogue Haro 11: spatially resolved chemodynamics with VLT FLAMES*, MNRAS, 430, 2097
- James, B.L., Tsamis, Y.G., Barlow, M.J., Walsh, J.R. & Westmoquette, M.S. 2013, *The merging dwarf galaxy UM 448: chemodynamics of the ionized gas from VLT integral field spectroscopy*, MNRAS, 428, 86
- Corral-Santana, J.M., Casares, J., Muñoz-Darias, T., Rodríguez-Gil, P., Shahbaz, T., Torres, M.A.P., Zurita, C. & Tyndall, A.A. 2013, *A Black Hole Nova Obscured by an Inner Disk Torus*, Sci, 339, 1048
- Tyndall, A.A., Jones, D., Boffin, H.M.J., Miszalski, B., Faedi, F., Lloyd, M., Boumis, P., López, J.A., Martell, S., Pollacco, D. & Santander-García, M. 2013, *Two rings but no fellowship: LoTr 1 and its relation to planetary nebulae possessing barium central stars*, MNRAS, 436, 2082
- Oliva, E., Origlia, L., Maiolino, R., Baffa, C., Biliotti, V., Bruno, P., Falcini, G., Gavriousov, V., Ghinassi, F., Giani, E., Gonzalez, M., Leone, F., Lodi, M., Massi, F., Montegriffo, P., Mochi, I., Pedani, M., Rossetti, E., Scuderi, S., Sozzi, M., Tozzi, A. & Valenti, E. 2013, *A GIANO-TNG high-resolution infrared spectrum of the airglow emission*, A&A, 555, 78
- Valenti, E., Zoccali, M., Renzini, A., Brown, T.M., Gonzalez, O.A., Minniti, D., Debattista, V.P. & Mayer, L. 2013, *Stellar ages through the corners of the boxy bulge*, A&A, 559, 98
- Lanzoni, B., Mucciarelli, A., Origlia, L., Bellazzini, M., Ferraro, F.R., Valenti, E., Miocchi, P., Dalessandro, E., Pallanca, C. & Massari, D. 2013, *The Velocity Dispersion Profile of NGC 6388 from Resolved-star Spectroscopy: No Evidence of a Central Cusp and New Constraints on the Black Hole Mass*, ApJ, 769, 107
- Böhm, A., Wisotzki, L., Bell, E.F., Jahnke, K., Wolf, C., Bacon, D., Barden, M., Gray, M.E., Hoeppe, G., Jogee, S., McIntosh, D.H., Peng, C.Y., Robaina, A.R., Balogh, M., Barazza, F.D., Caldwell, J.A.R., Heymans, C., Häubler, B., van Kampen, E., Lane, K., Meisenheimer, K., Sánchez, S.F., Taylor, A.N. & Zheng, X. 2013, *AGN host galaxies at redshift $z \approx 0.7$: peculiar or not?*, A&A, 549, 46
- Van der Swaelmen, M., Hill, V., Primas, F. & Cole, A.A. 2013, *Chemical abundances in LMC stellar populations. II. The bar sample*, A&A, 560, 44
- Owers, M.S., Baldry, I.K., Bauer, A.E., Bland-Hawthorn, J., Brown, M.J.I., Cluver, M.E., Colless, M., Driver, S.P., Edge, A.C., Hopkins, A.M., van Kampen, E., Lara-Lopez, M.A., Liske, J., Loveday, J., Pimbblet, K.A., Ponman, T. & Robotham, A.S.G. 2013, *Galaxy and Mass Assembly (GAMA): Witnessing the Assembly of the Cluster ABELL 1882*, ApJ, 772, 104
- Maaskant, K.M., Honda, M., Waters, L.B.F.M., Tielens, A.G.G.M., Dominik, C., Min, M., Verhoeff, A., Meeus, G. & van den Ancker, M.E. 2013, *Identifying gaps in flaring Herbig Ae/Be disks using spatially resolved mid-infrared imaging. Are all group I disks transitional?*, A&A, 555, 64
- Vásquez, S., Zoccali, M., Hill, V., Renzini, A., González, O.A., Gardner, E., Debattista, V.P., Robin, A.C., Rejkuba, M., Baffico, M., Monelli, M., Motta, V. & Minniti, D. 2013, *3D kinematics through the X-shaped Milky Way bulge*, A&A, 555, 91
- Humphrey, A., Vernet, J., Villar-Martín, M., di Serego Alighieri, S., Fosbury, R.A.E. & Cimatti, A. 2013, *Polarized Extended Lyα Emission from a $z = 2.3$ Radio Galaxy*, ApJ, 768, L3
- Vlahakis, C., van der Werf, P., Israel, F.P. & Tilanus, R.P.J. 2013, *A CO $J = 3-2$ map of M51 with HARP-B: radial properties of the spiral structure*, MNRAS, 433, 1837
- Kanekar, N., Wagg, J., Ram Chary, R. & Carilli, C.L. 2013, *A Search for C II 158 μm Line Emission in HCM 6A, a Lyα Emitter at $z = 6.56$* , ApJ, 771, L20
- Pope, A., Wagg, J., Frayer, D., Armus, L., Chary, R.-R., Daddi, E., Desai, V., Dickinson, M.E., Elbaz, D., Gabor, J., Kirkpatrick, A., 2013, *Probing the Interstellar Medium of $z \sim 1$ Ultraluminous Infrared Galaxies through Interferometric Observations of CO and Spitzer Mid-infrared Spectroscopy*, ApJ, 772, 92
- Wang, R., Wagg, J., Carilli, C.L., Walter, F., Lentati, L., Fan, X., Riechers, D.A., Bertoldi, F., Narayanan, D., Strauss, M.A., Cox, P., Omont, A., Menten, K.M., Knudsen, K.K., Neri, R. & Jiang, L. 2013, *Star Formation and Gas Kinematics of Quasar Host Galaxies at $z \sim 6$: New Insights from ALMA*, ApJ, 773, 44
- Carilli, C.L., Riechers, D., Walter, F., Maiolino, R., Wagg, J., Lentati, L., McMahon, R. & Wolfe, A. 2013, *The Anatomy of an Extreme Starburst within 1.3 Gyr of the Big Bang Revealed by ALMA*, ApJ, 763, 120

- Lentati, L., Carilli, C., Alexander, P., Maiolino, R., Wang, R., Cox, P., Downes, D., McMahon, R., Menten, K.M., Neri, R., Riechers, D., Wagg, J., Walter, F. & Wolfe, A. 2013, *Variations in the fundamental constants in the QSO host J1148+5251 at z = 6.4 and the BR1202-0725 system at z = 4.7*, MNRAS, 430, 2454
- Wahhaj, Z., Liu, M.C., Biller, B.A., Nielsen, E.L., Close, L.M., Hayward, T.L., Hartung, M., Chun, M., Ftaclas, C. & Toomey, D.W. 2013, *The Gemini NICI Planet-Finding Campaign: The Companion Detection Pipeline*, ApJ, 779, 80
- Nielsen, E.L., Liu, M.C., Wahhaj, Z., Biller, B.A., Hayward, T.L., Close, L.M., Males, J.R., Skemer, A.J., Chun, M., Ftaclas, C., Alencar, S.H.P., Artymowicz, P., Boss, A., Clarke, F., de Gouveia Dal Pino, E., Gregorio-Hetem, J., Hartung, M., Ida, S., Kuchner, M., Lin, D.N.C., Reid, I.N., Shkolnik, E.L., Tecza, M., Thatte, N. & Toomey, D.W. 2013, *The Gemini NICI Planet-Finding Campaign: The Frequency of Giant Planets around Young B and A Stars*, ApJ, 776, 4
- Wahhaj, Z., Liu, M.C., Nielsen, E.L., Biller, B.A., Hayward, T.L., Close, L.M., Males, J.R., Skemer, A., Ftaclas, C., Chun, M., Thatte, N., Tecza, M., Shkolnik, E.L., Kuchner, M., Reid, I.N., de Gouveia Dal Pino, E.M., Alencar, S.H.P., Gregorio-Hetem, J., Boss, A., Lin, D.N.C. & Toomey, D.W. 2013, *The Gemini Planet-finding Campaign: The Frequency Of Giant Planets around Debris Disk Stars*, ApJ, 773, 179
- Rhoads, J.E., Malhotra, S., Stern, D., Dickinson, M., Pirzkal, N., Spinrad, H., Reddy, N., Hathi, N., Grogin, N., Koekemoer, A., Peth, M.A., Cohen, S., Zheng, Z., Budavari, T., Ferreras, I., Gardner, J.P., Gronwall, C., Haiman, Z., Kümmel, M., Meurer, G., Moustakas, L., Panagia, N., Pasquali, A., Sahu, K., di Serego Alighieri, S., Somerville, R., Straughn, A., Walsh, J., Windhorst, R., Xu, C. & Yan, H. 2013, *A Lyman Break Galaxy in the Epoch of Reionization from Hubble Space Telescope Grism Spectroscopy*, ApJ, 773, 32
- Pirzkal, N., Rothberg, B., Ly, C., Malhotra, S., Rhoads, J.E., Grogin, N.A., Dahlen, T., Noeske, K.G., Meurer, G.R., Walsh, J.R., Hathi, N.P., Cohen, S.H., Bellini, A., Holwerda, B.W., Straughn, A.N., Mechtley, M. & Windhorst, R.A. 2013, *Emission-line Galaxies from the Hubble Space Telescope Probing Evolution and Reionization Spectroscopically (PEARS) Grism Survey. II. The Complete Sample*, ApJ, 772, 48
- Monreal-Ibero, A., Walsh, J.R., Westmoquette, M.S. & Vílchez, J.M. 2013, *He i in the central giant H ii region of NGC 5253. A 2D observational approach to collisional and radiative transfer effects*, A&A, 553, 57
- Spoon, H.W.W., Farrah, D., Lebouteiller, V., González-Alfonso, E., Bernard-Salas, J., Urrutia, T., Rigopoulou, D., Westmoquette, M.S., Smith, H.A., Afonso, J., Pearson, C., Cormier, D., Efstatithiou, A., Borys, C., Verma, A., Etxaluze, M. & Clements, D.L. 2013, *Diagnostics of AGN-Driven Molecular Outflows in ULIRGs from Herschel-PACS Observations of OH at 119 μm*, ApJ, 775, 127
- Westmoquette, M.S., Dale, J.E., Ercolano, B. & Smith, L.J. 2013, *Optical IFU observations of gas pillars surrounding the super star cluster NGC 3603*, MNRAS, 435, 30
- Westmoquette, M.S., James, B., Monreal-Ibero, A. & Walsh, J.R. 2013, *Piecing together the puzzle of NGC 5253: abundances, kinematics and WR stars*, A&A, 550, 88
- Westmoquette, M.S., Smith, L.J., Gallagher, J.S. & Walter, F. 2013, *Spatially resolved kinematics of the multi-phase interstellar medium in the inner disc of M82*, MNRAS, 428, 1743
- Wang, Q., Peng, E.W., Blakeslee, J.P., Côté, P., Ferrarese, L., Jordán, A., Mei, S. & West, M.J. 2013, *The ACS Virgo Cluster Survey. XVII. The Spatial Alignment of Globular Cluster Systems with Early-type Host Galaxies*, ApJ, 769, 145
- Alamo-Martínez, K.A., Blakeslee, J.P., Jee, M.J., Côté, P., Ferrarese, L., González-Lópezlira, R.A., Jordán, A., Meurer, G.R., Peng, E.W. & West, M.J. 2013, *The Rich Globular Cluster System of Abell 1689 and the Radial Dependence of the Globular Cluster Formation Efficiency*, ApJ, 775, 20
- Konstantopoulos, I.S., Smith, L.J., Adamo, A., Silva-Villa, E., Gallagher, J.S., Bastian, N., Ryon, J.E., Westmoquette, M.S., Zackrisson, E., Larsen, S.S., Weisz, D.R. & Charlton, J.C. 2013, *The Snapshot Hubble U-band Cluster Survey (SHUCS). I. Survey Description and First Application to the Mixed Star Cluster Population of NGC 4041*, AJ, 145, 137
- Dahlen, T., Mobasher, B., Faber, S.M., Ferguson, H.C., Barro, G., Finkelstein, S.L., Finlator, K., Fontana, A., Gruetzbauch, R., Johnson, S., Pforr, J., Salvato, M., Wiklind, T., Wuyts, S., Acquaviva, V., Dickinson, M.E., Guo, Y., Huang, J., Huang, K.-H., Newman, J.A., Bell, E.F., Conselice, C.J., Galametz, A., Gawiser, E., Giavalisco, M., Grogin, N.A., Hathi, N., Kocevski, D., Koekemoer, A.M., Koo, D.C., Lee, K.-S., McGrath, E.J., Papovich, C., Peth, M., Ryan, R., Somerville, R., Weiner, B., Wilson, G. 2013, *A Critical Assessment of Photometric Redshift Methods: A CANDELS Investigation*, ApJ, 775, 93
- Jones, D.O., Rodney, S.A., Riess, A.G., Mobasher, B., Dahlen, T., McCully, C., Frederiksens, T.F., Casertano, S., Hjorth, J., Keeton, C.R., Koekemoer, A., Strolger, L.-G., Wiklind, T.G., Challis, P., Graur, O., Hayden, B., Patel, B., Weiner, B.J., Filippenko, A.V., Garnavich, P., Jha, S.W., Kirshner, R.P., Ferguson, H.C., Grogin, N.A., Kocevski, D., 2013, *The Discovery of the Most Distant Known Type Ia Supernova at Redshift 1.914*, ApJ, 768, 166
- Karovicova, I., Wittkowski, M., Ohnaka, K., Boboltz, D.A., Fossat, E. & Scholz, M. 2013, *New insights into the dust formation of oxygen-rich AGB stars*, A&A, 560, 75
- Arroyo-Torres, B., Wittkowski, M., Marcaide, J.M. & Hauschildt, P.H. 2013, *The atmospheric structure and fundamental parameters of the red supergiants AH Scorpii, UY Scuti, and KW Sagittarii*, A&A, 554, 76
- Ohnaka, K., Boboltz, D.A., Mulitz-Schimmel, G., Izumiura, H. & Wittkowski, M. 2013, *VLA survey of 22 GHz H2O masers toward ten silicate carbon stars*, A&A, 559, 120
- Richards, A.M.S., Davis, R.J., Decin, L., Etoka, S., Harper, G.M., Lim, J.J., Garrington, S.T., Gray, M.D., McDonald, I., O'Gorman, E. & Wittkowski, M. 2013, *e-MERLIN resolves Betelgeuse at λ 5 cm: hotspots at 5 R*_λ, MNRAS, 432, L61
- Astropy Collaboration, A.C., Robitaille, T.P., Tollerud, E.J., Greenfield, P., Droettboom, M., Bray, E., Aldcroft, T., Davis, M., Ginsburg, A., Price-Whelan, A.M., Kerzendorf, W.E., Conley, A., Crighton, N., Barbary, K., Muna, D., Ferguson, H., Grollier, F., Parikh, M.M., Nair, P.H., Unther, H.M., Deil, C., Woillez, J., Conseil, S., Kramer, R., Turner, J.E.H., Singer, L., Fox, R., Weaver, B.A., Zabalza, V., Edwards, Z.I., Azalee Bostroem, K., Burke, D.J., Casey, A.R., Crawford, S.M., Dencheva, N., Ely, J., Jenness, T., Labrie, K., Lim, P.L., Pierfederici, F., Pontzen, A., Ptak, A., Refsdal, B., Servillat, M. & Streicher, O. 2013, *Astropy: A community Python package for astronomy*, A&A, 558, 33
- Wylezalek, D., Galametz, A., Stern, D., Vernet, J., De Breuck, C., Seymour, N., Brodwin, M., Eisenhardt, P.R.M., Gonzalez, A.H., Hatch, N., Jarvis, M., Rettura, A., Stanford, S.A. & Stevens, J.A. 2013, *Galaxy Clusters around Radio-loud Active Galactic Nuclei at 1.3 < z < 3.2 as Seen by Spitzer*, ApJ, 769, 79
- Wylezalek, D., Vernet, J., De Breuck, C., Stern, D., Galametz, A., Seymour, N., Jarvis, M., Barthel, P., Drouart, G., Greve, T.R., Haas, M., Hatch, N., Ivison, R., Lehnert, M., Meisenheimer, K., Miley, G., Nesvadba, N., Röttgering, H.J.A. & Stevens, J.A. 2013, *The Herschel view of the environment of the radio galaxy 4C+41.17 at z = 3.8*, MNRAS, 428, 3206
- Sweet, S.M., Meurer, G., Drinkwater, M.J., Kilborn, V., Dénes, H., Bekki, K., Hanish, D., Ferguson, H., Knezeck, P., Bland-Hawthorn, J., Dopita, M., Doyle-Pegg, M.T., Elson, E., Freeman, K., Heckman, T., Kennicutt, R., Kim, J.H., Koribalski, B., Meyer, M., Putman, M., Ryan-Weber, E., Smith, C., Staveley-Smith, L., Wong, O.I., Webster, R., Werk, J. & Zwaan, M. 2013, *Choirs, H I galaxy groups: catalogue and detection of star-forming dwarf group members*, MNRAS, 433, 543

- Obreschkow, D., Ma, X., Meyer, M., Power, C., Zwaan, M.,
Staveley-Smith, L. & Drinkwater, M.J. 2013, *Confronting Cold
Dark Matter Predictions with Observed Galaxy Rotations*, ApJ,
766, 137
- Zheng, Z., Meurer, G.R., Heckman, T.M., Thilker, D.A. & Zwaan,
M.A. 2013, *Equilibrium star formation in a constant Q disc:
model optimization and initial tests*, MNRAS, 434, 3389
- Rhee, J., Zwaan, M.A., Briggs, F.H., Chengalur, J.N., Lah, P.,
Oosterloo, T. & Hulst, T.v.d. 2013, *Neutral atomic hydrogen
(H I) gas evolution in field galaxies at z ~ 0.1 and ~ 0.2*, MNRAS,
435, 2693
- Bolatto, A.D., Warren, S.R., Leroy, A.K., Walter, F., Veilleux, S.,
Ostriker, E.C., Ott, J., Zwaan, M., Fisher, D.B., Weiss, A.,
Rosolowsky, E. & Hodge, J. 2013, *Suppression of star
formation in the galaxy NGC 253 by a starburst-driven
molecular wind*, Natur, 499, 450
- Zwaan, M.A., Kuntschner, H., Pracy, M.B. & Couch, W.J. 2013,
The cold gas content of post-starburst galaxies, MNRAS, 432,
492