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Cosmology

[VLT/X-shooter spectroscopy of the GRB 120327A afterglow](#)

D'Elia, V., Fynbo, J.P.U., Goldoni, P., Covino, S., de Ugarte Postigo, A., **Ledoux, C.**, Calura, F., Gorosabel, J., Malesani, D., Matteucci, F., Sánchez-Ramírez, R., Savaglio, S., Castro-Tirado, A.J., Hartoog, O.E., Kaper, L., Muñoz-Darias, T., Pian, E., Piranomonte, S., Tagliaferri, G., Tanvir, N., Vergani, S.D., Watson, D.J., & Xu, D., 2014, A&A, 564, 38 [[ADS](#)]

Instruments: XSHOOTER

[A study of low-metallicity DLAs at high redshift and C II* as a probe of their physical conditions](#)

Dutta, R., Srianand, R., Rahmani, H., Petitjean, P., Noterdaeme, P., & **Ledoux, C.**, 2014, MNRAS, 440, 307 [[ADS](#)]

Instruments: UVES, UVES

[Steadily Increasing Star Formation Rates in Galaxies Observed at \$3 < z < 5\$ in the CANDELS/GOODS-S Field](#)

Lee, S.-K., Ferguson, H.C., Somerville, R.S., Giavalisco, M., & **Wiklind, T.**, Dahlen, T., 2014, ApJ, 783, 81 [[ADS](#)]

Instruments: ISAAC, ISAAC, ISAAC, ISAAC, VIMOS

[The zCOSMOS redshift survey: evolution of the light in bulges and discs since \$z \sim 0.8\$](#)

Tasca, L.A.M., Tresse, L., Le Fèvre, O., Ilbert, O., Lilly, S.J., Zamorani, G., López-Sanjuan, C., Ho, L.C., Bardelli, S., Cattaneo, A., Cucciati, O., Farrah, D., Iovino, A., Koekemoer, A.M., Liu, C.T., Massey, R., Renzini, A., Taniguchi, Y., Welikala, N., Zucca, E., Carollo, C.M., Contini, T., Kneib, J.-P., **Mainieri, V.**, Scodeggio, M., Bolzonella, M., Bongiorno, A., Caputi, K., de la Torre, S., Franzetti, P., Garilli, B., Guzzo, L., Kampczyk, P., Knobel, C., Kovač, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Pello, R., Peng, Y., Perez Montero, E., Rich, R.M., Tanaka, M., Vergani, D., Bordoloi, R., Cappi, A., Cimatti, A., Coppa, G., McCracken, H.J., Moresco, M., Pozzetti, L., Sanders, D., Sheth, K., 2014, A&A, 564, L12 [[ADS](#)]

Instruments: VIMOS

Galaxies and Galactic Nuclei

[Gaia-ESO Survey: Properties of the intermediate age open cluster NGC 4815](#)

Friel, E.D., Donati, P., Bragaglia, A., Jacobson, H.R., Magrini, L., Prisinzano, L., Randich, S., Tosi, M., Cantat-Gaudin, T., Vallenari, A., **Smiljanic, R.**, **Carraro, G.**, Sordo, R., Maiorca, E., Tautvaišienė, G., Sestito, P., Zaggia, S., Jiménez-Esteban, F.M., Gilmore, G., Jeffries, R.D., Alfaro, E., Bensby, T., Koposov, S.E., Korn, A.J., Pancino, E., Recio-Blanco, A., Franciosini, E., Hill, V., Jackson, R.J., de Laverny, P., Morbidelli, L., Sacco, G.G., Worley, C.C., Hourihane, A., Costado, M.T., Jofré, P., & Lind, K., 2014, A&A, 563, 117 [[ADS](#)]

Instruments: UVES, GIRAFFE, FLAMES

[Dissecting the origin of the submillimetre emission in nearby galaxies with Herschel and LABOCA](#)

Galametz, M., Albrecht, M., Kennicutt, R., Aniano, G., Bertoldi, F., Calzetti, D., Croxall, K.V., Dale, D., Draine, B., Engelbracht, C., Gordon, K., Hinz, J., Hunt, L.K., Kirkpatrick, A., Murphy, E., Roussel, H., Skibba, R.A., Walter, F., Weiss, A., & Wilson, C.D., 2014, MNRAS, 439, 2542 [[ADS](#)]

Instruments: LABOCA, LABOCA, LABOCA, LABOCA, LABOCA, LABOCA, LABOCA, LABOCA, LABOCA

[Low luminosity Type II supernovae - II. Pointing towards moderate mass precursors](#)

Spiro, S., Pastorello, A., Pumo, M.L., Zampieri, L., Turatto, M., Smartt, S.J., Benetti, S., Cappellaro, E., Valenti, S., Agnoletto, I., Altavilla, G., Aoki, T., Brocato, E., Corsini, E.M., Di Cianno, A., Elias-Rosa, N., Hamuy, M., Enya, K., Fiaschi, M., Folatelli, G., Desidera, S., Harutyunyan, A., Howell, D.A., Kawka, A., Kobayashi, Y., **Leibundgut, B.**, Minezaki, T., Navasardyan, H., Nomoto, K., Mattila, S., Pietrinferni, A., Pignata, G., Raimondo, G., Salvo, M., Schmidt, B.P., Sollerman, J., **Spyromilio, J.**, Taubenberger, S., Valentini, G., Vennes, S., & Yoshii, Y., 2014,

MNRAS, 439, 2873 [[ADS](#)]
Instruments: ISAAC, EMMI, SOFI, EFOSC2

Interstellar Medium, Star Formation and Planetary Systems

[Ground-based transit observations of the super-Earth GJ 1214 b](#)

Cáceres, C., **Kabath, P.**, Hoyer, S., **Ivanov, V.D.**, Rojo, P., **Girard, J.H.**, Miller-Ricci Kempton, E., Fortney, J.J., & Minniti, D., 2014, A&A, 565, 7 [[ADS](#)]
Instruments: SOFI

[Search for the Return of Activity in Active Asteroid 176P/LINEAR](#)

Hsieh, H.H., Denneau, L., Fitzsimmons, A., **Hainaut, O.R.**, Ishiguro, M., Jedicke, R., Kaluna, H.M., Keane, J.V., Kleyna, J., Lacerda, P., MacLennan, E.M., Meech, K.J., Moskovitz, N.A., Riesen, T., Schunova, E., Snodgrass, C., Trujillo, C.A., Urban, L., Vereš, P., Wainscoat, R.J., & **Yang, B.**, 2014, AJ, 147, 89 [[ADS](#)]
Instruments: FORS2, EFOSC2, EFOSC2

[Substellar Objects in Nearby Young Clusters \(SONYC\). VIII. Substellar Population in Lupus 3](#)

Mužić, K., Scholz, A., Geers, V.C., Jayawardhana, R., & López Martí, B., 2014, ApJ, 785, 159 [[ADS](#)]
Instruments: VIMOS, VIMOS

[Neptune's ring arcs: VLT/NACO near-infrared observations and a model to explain their stability](#)

Renner, S., Sicardy, B., Souami, D., Carry, B., & **Dumas, C.**, 2014, A&A, 563, 133 [[ADS](#)]
Instruments: NACO

[How dusty is \$\alpha\$ Centauri?. Excess or non-excess over the infrared photospheres of main-sequence stars](#)

Wiegert, J., Liseau, R., Thébault, P., Olofsson, G., Mora, A., Bryden, G., Marshall, J.P., Eiroa, C., Montesinos, B., Ardila, D., Augereau, J.C., **Bayo Aran, A.**, Danchi, W.C., del Burgo, C., Ertel, S., Fridlund, M.C.W., Hajigholi, M., Krivov, A.V., Pilbratt, G.L., Roberge, A., White, G.J., & Wolf, S., 2014, A&A, 563, 102 [[ADS](#)]
Instruments: LABOCA, LABOCA, SHFI

Stellar Evolution

[Roche-lobe filling factor of mass-transferring red giants: the PIONIER view](#)

Boffin, H.M.J., Hillen, M., **Berger, J.P.**, Jorissen, A., Blind, N., Le Bouquin, J.B., Mikołajewska, J., & Lazareff, B., 2014, A&A, 564, 1 [[ADS](#)]
Instruments: PIONIER

[The extreme chemistry of multiple stellar populations in the metal-poor globular cluster NGC 4833](#)

Carretta, E., Bragaglia, A., Gratton, R.G., D'Orazi, V., Lucatello, S., **Momany, Y.**, Sollima, A., Bellazzini, M., Catanzaro, G., & Leone, F., 2014, A&A, 564, 60 [[ADS](#)]
Instruments: UVES, WFI, GIRAFFE, FLAMES

[The VST Photometric H \$\alpha\$ Survey of the Southern Galactic Plane and Bulge \(VPHAS+\)](#)

Drew, J.E., Gonzalez-Solares, E., Greimel, R., Irwin, M.J., Küpcü Yoldas, A., Lewis, J., Barentsen, G., Eisloffel, J., Farnhill, H.J., Martin, W.E., **Walsh, J.R.**, Walton, N.A., Mohr-Smith, M., Raddi, R., Sale, S.E., Wright, N.J., Groot, P., Barlow, M.J., Corradi, R.L.M., Drake, J.J., Fabregat, J., Frew, D.J., Gänsicke, B.T., Knigge, C., Mampaso, A., Morris, R.A.H., Naylor, T., Parker, Q.A., Philipps, S., Ruhland, C., Steeghs, D., Unruh, Y.C., Vink, J.S., **Wesson, R.**, & Zijlstra, A.A., 2014, MNRAS, 440, 2036 [[ADS](#)]
Instruments: OmegaCAM

[The magnetic field in HD 161701, the only binary system identified to consist of an HgMn primary and an Ap secondary](#)

Hubrig, S., Carroll, T.A., González, J.F., **Schöller, M.**, Ilyin, I., Saffe, C., Castelli, F., Leone, F., & Giarrusso, M., 2014, MNRAS, 440, L6 [[ADS](#)]
Instruments: FEROS, FEROS, HARPS

[B fields in OB stars \(BOB\): The discovery of a magnetic field in a multiple system in the Trifid nebula, one of the youngest star forming regions](#)

Hubrig, S., Fossati, L., Carroll, T.A., Castro, N., González, J.F., Ilyin, I., Przybilla, N., **Schöller, M.**, Oskinova, L.M.,

Morel, T., Langer, N., Scholz, R.D., Kharchenko, N.V., & Nieva, M.-F., 2014, A&A, 564, L10 [[ADS](#)]
Instruments: FORS2, HARPS

Short time-scale spectral variability in the A0 supergiant HD 92207 and the importance of line profile variations for the interpretation of FORS 2 spectropolarimetric observations

Hubrig, S., Schöller, M., & Kholtygin, A.F., 2014, MNRAS, 440, 1779 [[ADS](#)]
Instruments: FORS1, FORS2, FORS2

A super lithium-rich red-clump star in the open cluster Trumpler 5

Monaco, L., Boffin, H.M.J., Bonifacio, P., Villanova, S., Carraro, G., Caffau, E., Steffen, M., Ahumada, J.A., Beletsky, Y., & Beccari, G., 2014, A&A, 564, L6 [[ADS](#)]
Instruments: UVES, FLAMES

High-resolution spectroscopic atlas of M subdwarfs. Effective temperature and metallicity

Rajpurohit, A.S., Reylé, C., Allard, F., Scholz, R.-D., Homeier, D., Schultheis, M., Bayo, A., 2014, A&A, 564, 90 [[ADS](#)]
Instruments: UVES

The mass distribution of clumps within infrared dark clouds. A Large APEX Bolometer Camera study

Gómez, L., Wyrowski, F., Schuller, F., Menten, K.M., & Ballesteros-Paredes, J., 2014, A&A, 561, 148 [[ADS](#)]
Instruments: APEX-2A, LABOCA

Miscellaneous

Globular clusters of NGC 3115 in the near-infrared. Demonstrating the correctness of two opposing scenarios

Cantiello, M., Blakeslee, J.P., Raimondo, G., Chies-Santos, A.L., Jennings, Z.G., Norris, M.A., & Kuntschner, H., 2014, A&A, 564, L3 [[ADS](#)]
Instruments: HAWKI

Karl G. Jansky Very Large Array Observations of Cold Dust and Molecular Gas in Starbursting Quasar Host Galaxies at $z \sim 4.5$

Wagg, J., Carilli, C.L., Aravena, M., Cox, P., Lentati, L., Maiolino, R., McMahon, R.G., Riechers, D., Walter, F., Andreani, P., Hills, R., & Wolfe, A., 2014, ApJ, 783, 71 [[ADS](#)]
Instruments: ALMA_Bands, ALMA_Bands, ALMA_Bands, ALMA_Bands

Properties of Submillimeter Galaxies in the CANDELS GOODS-South Field

Wiklind, T., Conselice, C.J., Dahlen, T., Dickinson, M.E., Ferguson, H.C., Grogin, N.A., Guo, Y., Koekemoer, A.M., Mobasher, B., Mortlock, A., Fontana, A., Davé, R., Yan, H., Acquaviva, V., Ashby, M.L.N., Barro, G., Caputi, K.I., Castellano, M., Dekel, A., Donley, J.L., Fazio, G.G., Giavalisco, M., Grazian, A., Hathi, N.P., Kurczynski, P., Lu, Y., McGrath, E.J., de Mello, D.F., Peth, M., Safarzadeh, M., Stefanon, M., & Targett, T., 2014, ApJ, 785, 111 [[ADS](#)]
Instruments: ALMA_Bands

Papers without ESO data

Galaxy and Mass Assembly (GAMA): fine filaments of galaxies detected within voids

Alpaslan, M., Robotham, A.S.G., Obreschkow, D., Penny, S., Driver, S., Norberg, P., Brough, S., Brown, M., Cluver, M., Holwerda, B., Hopkins, A.M., van Kampen, E., Kelvin, L.S., Lara-Lopez, M.A., Liske, J., Loveday, J., Mahajan, S., & Pimbblet, K., 2014, MNRAS, 440, L106 [[ADS](#)]

Effects of the environment on galaxies in the Catalogue of Isolated Galaxies: physical satellites and large scale structure

Argudo-Fernández, M., Verley, S., Bergond, G., Sulentic, J., Sabater, J., Fernández Lorenzo, M., Espada, D., Leon, S., Sánchez-Expósito, S., Santander-Vela, J.D., & Verdes-Montenegro, L., 2014, A&A, 564, 94 [[ADS](#)]

MOA-2011-BLG-262Lb: A Sub-Earth-Mass Moon Orbiting a Gas Giant Primary or a High Velocity Planetary System in the Galactic Bulge

Bennett, D.P., Batista, V., Bond, I.A., Bennett, C.S., Suzuki, D., Beaulieu, J.-P., Udalski, A., Donatowicz, J., Bozza, V., Abe, F., Botzler, C.S., Freeman, M., Fukunaga, D., Fukui, A., 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., Sumi, T., Sweatman,

W.L., Tristram, P.J., Tsurumi, N., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Albrow, M.D., Bachelet, E., **Brillant, S.**, Caldwell, J.A.R., Cassan, A., Cole, A.A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Fouqué, P., Greenhill, J., Horne, K., Koo, J.-R., Kubas, D., Marquette, J.-B., Martin, R., Menzies, J.W., Sahu, K.C., Wambsganss, J., Williams, A., Zub, M., The PLANET Collaboration, T.P.C., Choi, J.Y., DePoy, D.L., Dong, S., Gaudi, B.S., Gould, A., Han, C., Henderson, C.B., McGregor, D., Lee, C.-U., Pogge, R.W., Shin, I.-G., Yee, J.C., The μ FUN Collaboration, T. μ C., Szymański, M.K., Skowron, J., Poleski, R., Kozłowski, S., Wyrzykowski, Ł., Kubiak, M., Pietrukowicz, P., Pietrzyński, G., Soszyński, I., Ulaczyk, K., The OGLE Collaboration, T.O.C., Tsapras, Y., Street, R.A., Dominik, M., **Bramich, D.M.**, Browne, P., Hundertmark, M., **Kains, N.**, Snodgrass, C., Steele, I.A., The RoboNet Collaboration, T.R.C., Dekany, I., **Gonzalez, O.A.**, Heyrovský, D., Kandori, R., Kerins, E., Lucas, P.W., Minniti, D., Nagayama, T., **Rejkuba, M.**, Robin, A.C., Saito, R., 2014, *ApJ*, 785, 155 [[ADS](#)]

WTS-2 b: a hot Jupiter orbiting near its tidal destruction radius around a K dwarf

Birkby, J.L., Cappetta, M., Cruz, P., Koppenhoefer, J., Ivanyuk, O., Mustill, A.J., Hodgkin, S.T., Pinfield, D.J., Sipőcz, B., Kovács, G., Saglia, R., Pavlenko, Y., Barrado, D., **Bayo, A.**, Campbell, D., Catalan, S., Fossati, L., Gálvez-Ortiz, M.-C., Kenworthy, M., Lillo-Box, J., Martín, E.L., Mislis, D., de Mooij, E.J.W., Nefs, S.V., Snellen, I.A.G., Stoev, H., Zendejas, J., del Burgo, C., Barnes, J., Goulding, N., Haswell, C.A., Kuznetsov, M., Lodieu, N., Murgas, F., Palle, E., Solano, E., Steele, P., Tata, R., 2014, *MNRAS*, 440, 1470 [[ADS](#)]

The SLUGGS Survey: new evidence for a tidal interaction between the early-type galaxies NGC 4365 and NGC 4342

Blom, C., Forbes, D.A., **Foster, C.**, Romanowsky, A.J., & Brodie, J.P., 2014, *MNRAS*, 439, 2420 [[ADS](#)]

Cold gas properties of the Herschel Reference Survey. III. Molecular gas stripping in cluster galaxies

Boselli, A., **Cortese, L.**, Boquien, M., Boissier, S., Catinella, B., Gavazzi, G., **Lagos, C.**, & Saintonge, A., 2014, *A&A*, 564, 67 [[ADS](#)]

Cold gas properties of the Herschel Reference Survey. II. Molecular and total gas scaling relations

Boselli, A., **Cortese, L.**, Boquien, M., Boissier, S., Catinella, B., **Lagos, C.**, & Saintonge, A., 2014, *A&A*, 564, 66 [[ADS](#)]

Cold gas properties of the Herschel Reference Survey. I. 12CO(1-0) and HI data

Boselli, A., **Cortese, L.**, & Boquien, M., 2014, *A&A*, 564, 65 [[ADS](#)]

PACS photometry of the Herschel Reference Survey - far-infrared / submillimetre colours as tracers of dust properties in nearby galaxies

Cortese, L., Fritz, J., Bianchi, S., Boselli, A., Ciesla, L., Bendo, G.J., Boquien, M., Roussel, H., Baes, M., Buat, V., Clemens, M., Cooray, A., Cormier, D., Davies, J.I., De Looze, I., Eales, S.A., Fuller, C., Hunt, L.K., Madden, S., **Munoz-Mateos, J.**, Pappalardo, C., Pierini, D., Rémy-Ruyer, A., Sauvage, M., di Serego Alighieri, S., Smith, M.W.L., Spinoglio, L., Vaccari, M., & **Vlahakis, C.**, 2014, *MNRAS*, 440, 942 [[ADS](#)]

Strong biases in estimating the time dependence of mass accretion rates in young stars

Da Rio, N., Jeffries, R.D., **Manara, C.F.**, & Robberto, M., 2014, *MNRAS*, 439, 3308 [[ADS](#)]

A panchromatic survey of post-starburst mergers: searching for feedback

De Propriis, R., & **Melnick, J.**, 2014, *MNRAS*, 439, 2837 [[ADS](#)]

Tracing the cosmic growth of supermassive black holes to $z \sim 3$ with Herschel

Delvecchio, I., Gruppioni, C., Pozzi, F., Berta, S., Zamorani, G., Cimatti, A., Lutz, D., Scott, D., Vignali, C., Cresci, G., **Feltre, A.**, Cooray, A., Vaccari, M., Fritz, J., Le Floc'h, E., Magnelli, B., Popesso, P., Oliver, S., Bock, J., Carollo, M., Contini, T., Le Fèvre, O., Lilly, S., **Mainieri, V.**, Renzini, A., & Scodeggio, M., 2014, *MNRAS*, 439, 2736 [[ADS](#)]

Identification of old tidal dwarfs near early-type galaxies from deep imaging and H I observations

Duc, P.-A., Paudel, S., McDermid, R.M., Cuillandre, J.-C., Serra, P., Bournaud, F., Cappellari, M., **Emsellem, E.**, 2014, *MNRAS*, 440, 1458 [[ADS](#)]

Triple trouble for XZ Tau: deep imaging with the Jansky Very Large Array

Forgan, D., **Ivison, R.J.**, Sibthorpe, B., Greaves, J.S., & Ibar, E., 2014, *MNRAS*, 439, 4057 [[ADS](#)]

Transit Search from Antarctica and Chile-Comparison and Combination

Fruth, T., Cabrera, J., Csizmadia, S., Dreyer, C., Eig Müller, P., Erikson, A., **Kabath, P.**, Pasternacki, T., Rauer, H.,

Titz-Weider, R., Abe, L., Agabi, A., Gonçalves, I., Guillot, T., Mékarnia, D., Rivet, J.-P., Crouzet, N., Chini, R., Lemke, R., Murphy, M., 2014, PASP, 126, 227 [[ADS](#)]

The Herschel Fornax Cluster Survey II: FIR properties of optically selected Fornax cluster galaxies

Fuller, C., Davies, J.I., Auld, R., Smith, M.W.L., Baes, M., Bianchi, S., Bocchio, M., Boselli, A., Clemens, M., **Davis, T.A.**, De Looze, I., di Serego Alighieri, S., Grossi, M., Hughes, T.M., Viaene, S., & Serra, P., 2014, MNRAS, 440, 1571 [[ADS](#)]

Giant Molecular Clouds and Massive Star Formation in the Southern Milky Way

García, P., Bronfman, L., **Nyman, L.-Å.**, Dame, T.M., Luna, A., 2014, ApJS, 212, 2 [[ADS](#)]

SDSS J114657.79+403708.6: the third most distant blazar at $z = 5.0$

Ghisellini, G., **Sbarrato, T.**, Tagliaferri, G., Foschini, L., Tavecchio, F., Ghirlanda, G., Braitto, V., & Gehrels, N., 2014, MNRAS, 440, L111 [[ADS](#)]

The dynamical properties of dense filaments in the infrared dark cloud G035.39-00.33

Henshaw, J.D., Caselli, P., Fontani, F., **Jiménez-Serra, I.**, & Tan, J.C., 2014, MNRAS, 440, 2860 [[ADS](#)]

Relativistic cosmology number densities in void-Lemaître-Tolman-Bondi models

Iribarrem, A., **Andreani, P.**, February, S., Gruppioni, C., Lopes, A.R., Ribeiro, M.B., & Stoeger, W.R., 2014, A&A, 563, 20 [[ADS](#)]

SPARCO : a semi-parametric approach for image reconstruction of chromatic objects. Application to young stellar objects

Kluska, J., Malbet, F., **Berger, J.-P.**, Baron, F., Lazareff, B., Le Bouquin, J.-B., Monnier, J.D., Soulez, F., Thiébaud, E., 2014, A&A, 564, 80 [[ADS](#)]

Which galaxies dominate the neutral gas content of the Universe?

Lagos, C.D.P., Baugh, C.M., **Zwaan, M.A.**, Lacey, C.G., Gonzalez-Perez, V., Power, C., Swinbank, A.M., & **van Kampen, E.**, 2014, MNRAS, 440, 920 [[ADS](#)]

Galaxy and Mass Assembly: the evolution of bias in the radio source population to $z \sim 1.5$

Lindsay, S.N., Jarvis, M.J., Santos, M.G., Brown, M.J.I., Croom, S.M., Driver, S.P., Hopkins, A.M., **Liske, J.**, Loveday, J., Norberg, P., & Robotham, A.S.G., 2014, MNRAS, 440, 1527 [[ADS](#)]

On the (in)variance of the dust-to-metals ratio in galaxies

Mattsson, L., De Cia, A., Andersen, A.C., & **Zafar, T.**, 2014, MNRAS, 440, 1562 [[ADS](#)]

Near-infrared evidence for a sudden temperature increase in Eta Carinae

Mehner, A., Ishibashi, K., Whitelock, P., Nagayama, T., Feast, M., van Wyk, F., & **de Wit, W.-J.**, 2014, A&A, 564, 14 [[ADS](#)]

On the structure of the transition disk around TW Hydrae

Menu, J., van Boekel, R., Henning, T., Chandler, C.J., Linz, H., Benisty, M., Lacour, S., Min, M., Waelkens, C., Andrews, S.M., Calvet, N., Carpenter, J.M., Corder, S.A., Deller, A.T., Greaves, J.S., Harris, R.J., Isella, A., Kwon, W., Lazlo, J., Le Bouquin, J.-B., Ménard, F., Mundy, L.G., Pérez, L.M., Ricci, L., Sargent, A.I., Storm, S., **Testi, L.**, Wilner, D.J., 2014, A&A, 564, 93 [[ADS](#)]

Galaxy And Mass Assembly (GAMA): testing galaxy formation models through the most massive galaxies in the Universe

Oliva-Altamirano, P., Brough, S., Lidman, C., Couch, W.J., Hopkins, A.M., Colless, M., Taylor, E., Robotham, A.S.G., Gunawardhana, M.L.P., Ponman, T., Baldry, I., Bauer, A.E., Bland-Hawthorn, J., Cluver, M., Cameron, E., Conselice, C.J., Driver, S., Edge, A.C., Graham, A.W., **van Kampen, E.**, Lara-López, M.A., **Liske, J.**, López-Sánchez, A.R., Loveday, J., Mahajan, S., Peacock, J., Philipps, S., Pimbblet, K.A., & Sharp, R.G., 2014, MNRAS, 440, 762 [[ADS](#)]

On the shape of the mass-function of dense clumps in the Hi-GAL fields . II. Using Bayesian inference to study the clump mass function

Olmi, L., Anglés-Alcázar, D., Elia, D., Molinari, S., Pestalozzi, M., Pezzuto, S., Schisano, E., **Testi, L.**, & Thompson, M., 2014, A&A, 564, 87 [[ADS](#)]

An empirical mass-loss law for Population II giants from the Spitzer-IRAC survey of Galactic globular clusters

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