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Cosmology

[Comparison of the properties of two fossil groups of galaxies with the normal group NGC 6034 based on multiband imaging and optical spectroscopy](#)

Adami, C., Jouvel, S., Guennou, L., Le Brun, V., Durret, F., Clement, B., Clerc, N., Comerón, S., Ilbert, O., Lin, Y., Russeil, D., & **Seemann, U.**, 2012, A&A, 540, 105 [[ADS](#)]

Instruments: EFOSC2_NTT

[The Highly Energetic Expansion of SN 2010bh Associated with GRB 100316D](#)

Bufano, F., Pian, E., Sollerman, J., Benetti, S., Pignata, G., Valenti, S., Covino, S., D'Avanzo, P., Malesani, D., Cappellaro, E., Della Valle, M., Fynbo, J., Hjorth, J., Mazzali, P.A., Reichart, D.E., Starling, R.L.C., Turatto, M., Vergani, S.D., Wiersema, K., Amati, L., Bersier, D., Campana, S., Cano, Z., Castro-Tirado, A.J., Chincarini, G., D'Elia, V., de Ugarte Postigo, A., Deng, J., Ferrero, P., Filippenko, A.V., Goldoni, P., Gorosabel, J., Greiner, J., Hammer, F., Jakobsson, P., Kaper, L., Kawabata, K.S., Klose, S., Levan, A.J., Maeda, K., Masetti, N., Milvang-Jensen, B., Mirabel, F.I., **Møller, P.**, Nomoto, K., Palazzi, E., Piranomonte, S., Salvaterra, R., Stratta, G., Tagliaferri, G., Tanaka, M., Tanvir, N.R., & Wijers, R.A.M.J., 2012, ApJ, 753, 67 [[ADS](#)]

Instruments: FORS2, FORS2, X-SHOOTER, X-SHOOTER, X-SHOOTER, X-SHOOTER

[On the sizes of \$z \geq 2\$ damped Ly \$\alpha\$ absorbing galaxies](#)

Krogager, J.-K., Fynbo, J.P.U., **Møller, P.**, **Ledoux, C.**, Noterdaeme, P., Christensen, L., & Milvang-Jensen, B., Sparre, M., 2012, MNRAS, , L461 [[ADS](#)]

Instruments: X-SHOOTER, X-SHOOTER

[A Herschel view of the far-infrared properties of submillimetre galaxies](#)

Magnelli, B., Lutz, D., Santini, P., Saintonge, A., Berta, S., Albrecht, M., Altieri, B., **Andreani, P.**, Aussel, H., Bertoldi, F., Béthermin, M., Bongiovanni, A., Capak, P., Chapman, S., Cepa, J., Cimatti, A., Cooray, A., Daddi, E., Danielson, A.L.R., Dannerbauer, H., Dunlop, J.S., Elbaz, D., Farrah, D., Förster Schreiber, N.M., Genzel, R., Hwang, H.S., Ibar, E., Ivison, R.J., Le Floch, E., Magdis, G., Maiolino, R., Nordon, R., Oliver, S.J., Pérez García, A., Poglitsch, A., Popesso, P., Pozzi, F., Riguccini, L., Rodighiero, G., Rosario, D., Roseboom, I., Salvato, M., Sanchez-Portal, M., Scott, D., Smail, I., Sturm, E., Swinbank, A.M., Tacconi, L.J., Valtchanov, I., Wang, L., & Wuyts, S., 2012, A&A, 539, 155 [[ADS](#)]

Instruments: ISAAC, VIMOS, VIMOS, LABOCA, LABOCA, LABOCA, LABOCA, HAWK-I

[The Evolution of the Rest-frame V-band Luminosity Function from \$z = 4\$: A Constant Faint-end Slope over the Last 12 Gyr of Cosmic History](#)

Marchesini, D., Stefanon, M., **Brammer, G.B.**, & Whitaker, K.E., 2012, ApJ, 748, 126 [[ADS](#)]

Instruments: FORS1, FORS1, FORS1, FORS2, FORS2, FORS2, FORS2, ISAAC, VIMOS

[The Hubble Space Telescope Cluster Supernova Survey. III. Correlated Properties of Type Ia Supernovae and Their Hosts at \$0.9 < Z < 1.46\$](#)

Meyers, J., Aldering, G., Barbary, K., Barrientos, L.F., Brodwin, M., Dawson, K.S., Deustua, S., Doi, M., Eisenhardt, P., Faccioli, L., Fakhouri, H.K., Fruchter, A.S., Gilbank, D.G., Gladders, M.D., Goldhaber, G., Gonzalez, A.H., Hattori, T., Hsiao, E., Ihara, Y., Kashikawa, N., Koester, B., Konishi, K., Lidman, C., Lubin, L., Morokuma, T., Oda, T., Perlmutter, S., Postman, M., Riposte, P., **Rosati, P.**, Rubin, D., Rykoff, E., Spadafora, A., Stanford, S.A., Suzuki, N., Takanashi, N., Tokita, K., Yasuda, N., & Supernova Cosmology Project, T., 2012, ApJ, 750, 1 [[ADS](#)]

Instruments: FORS1, FORS2, FORS2, FORS2

[Discovery of a compact gas-rich damped Lyman- \$\alpha\$ galaxy at \$z = 2.2\$: evidence of a starburst-driven outflow](#)

Noterdaeme, P., Laursen, P., Petitjean, P., Vergani, S.D., Maureira, M.J., **Ledoux, C.**, Fynbo, J.P.U., López, S., &

Srianand, R., 2012, A&A, 540, 63 [[ADS](#)]
Instruments: UVES, X-SHOOTER

[First simultaneous optical/near-infrared imaging of an X-ray selected, high-redshift cluster of galaxies with GROND. The galaxy population of XMMU J0338.7 + 0030 at \$z = 1.1\$](#)

Pierini, D., Sühada, R., Fassbender, R., Nastasi, A., Böhringer, H., Salvato, M., Pratt, G.W., Lerchster, M., **Rosati, P.**, Santos, J.S., de Hoon, A., Kohnert, J., Lamer, G., Mohr, J.J., Mühlegger, M., Quintana, H., Schwobe, A., Biffi, V., Chon, G., Giodini, S., Koppenhoefer, J., Verdugo, M., Ziparo, F., Afonso, P.M.J., Clemens, C., Greiner, J., Krühler, T., Küpcü Yıldız, A., Olivares E., F., Rossi, A., & Yıldız, A., 2012, A&A, 540, 45 [[ADS](#)]
Instruments: FORS2, VIS_GROND

[A decrease of the gas exchanges between galaxies and the intergalactic medium, from 12 to 6 billion years ago](#)

Rodrigues, M., Puech, M., Hammer, F., Rothberg, B., & **Flores, H.**, 2012, MNRAS, 421, 2888 [[ADS](#)]
Instruments: FORS2, FORS2

[Enhanced star formation rates in AGN hosts with respect to inactive galaxies from PEP-Herschel observations](#)

Santini, P., Rosario, D.J., Shao, L., Lutz, D., Maiolino, R., Alexander, D.M., Altieri, B., **Andreani, P.**, Aussel, H., Bauer, F.E., Berta, S., Bongiovanni, A., Brandt, W.N., Brusa, M., Cepa, J., Cimatti, A., Daddi, E., Elbaz, D., Fontana, A., Förster Schreiber, N.M., Genzel, R., Grazian, A., Le Floch, E., Magnelli, B., **Mainieri, V.**, Nordon, R., Pérez García, A.M., Poglitsch, A., Popesso, P., Pozzi, F., Riguccini, L., Rodighiero, G., Salvato, M., Sanchez-Portal, M., Sturm, E., Tacconi, L.J., Valtchanov, I., & Wuyts, S., 2012, A&A, 540, 109 [[ADS](#)]
Instruments: ISAAC, ISAAC, ISAAC, WFI, WFI, WFI

[Search for cold gas in \$z > 2\$ damped Ly \$\alpha\$ systems: 21-cm and H \$_2\$ absorption](#)

Srianand, R., Gupta, N., Petitjean, P., Noterdaeme, P., **Ledoux, C.**, Salter, C.J., & Saikia, D.J., 2012, MNRAS, 421, 651 [[ADS](#)]
Instruments: UVES, UVES

[CLASH: New Multiple Images Constraining the Inner Mass Profile of MACS J1206.2-0847](#)

Zitrin, A., **Rosati, P.**, Nonino, M., Grillo, C., Postman, M., Coe, D., Seitz, S., Eichner, T., Broadhurst, T., Jouvel, S., Balestra, I., Mercurio, A., Scodeggio, M., Benítez, N., Bradley, L., Ford, H., Host, O., Jimenez-Teja, Y., Koekemoer, A., Zheng, W., Bartelmann, M., Bouwens, R., Czoske, O., Donahue, M., Graur, O., Graves, G., Infante, L., Jha, S., Kelson, D., Lahav, O., Lazkoz, R., Lemze, D., Lombardi, M., Maoz, D., McCully, C., Medezinski, E., Melchior, P., Meneghetti, M., Merten, J., Molino, A., Moustakas, L.A., Ogaz, S., Patel, B., Regoes, E., Riess, A., Rodney, S., Umetsu, K., & Van der Wel, A., 2012, ApJ, 749, 97 [[ADS](#)]
Instruments: VIMOS

Galaxies and Galactic Nuclei

[The Resolved Structure and Dynamics of an Isolated Dwarf Galaxy: A VLT and Keck Spectroscopic Survey of WLM](#)

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., & Tolstoy, E., 2012, ApJ, 750, 33 [[ADS](#)]
Instruments: FORS2

[Mergers and interactions in Sloan Digital Sky Survey type 2 quasars at \$z \sim 0.3-0.4\$. SDSS J143027.66-005614.8: a case study](#)

Villar-Martín, M., Cabrera Lavers, A., Bessiere, P., Tadhunter, C., Rose, M., & **de Breuck, C.**, 2012, MNRAS, 423, 80 [[ADS](#)]
Instruments: FORS2

Interstellar Medium, Star Formation and Planetary Systems

[First Science Observations with SOFIA/FORCAST: Properties of Intermediate-luminosity Protostars and Circumstellar Disks in OMC-2](#)

Adams, J.D., Herter, T.L., Osorio, M., Macías, E., Megeath, S.T., Fischer, W.J., Ali, B., Calvet, N., D'Alessio, P., De Buizer, J.M., Gull, G.E., Henderson, C.P., Keller, L.D., Morris, M.R., Remming, I.S., Schoenwald, J., Shuping, R.Y., Stacey, G., **Stanke, T.**, Stutz, A., & Vacca, W., 2012, ApJ, 749, L24 [[ADS](#)]
Instruments: LABOCA, SABOCA

[The extinction law from photometric data: linear regression methods](#)

Ascenso, J., Lombardi, M., Lada, C.J., & Alves, J., 2012, A&A, 540, 139 [[ADS](#)]
Instruments: SOFI, SOFI

[The extra red plutino \(55638\) 2002 VE95](#)

Barucci, M.A., Merlin, F., Perna, D., **Alvarez-Candal, A.**, Müller, T., Mommert, M., Kiss, C., Fornasier, S., Santos-Sanz, P., & Dotto, E., 2012, A&A, 539, 152 [[ADS](#)]
Instruments: FORS1, FORS2, ISAAC, SINFONI

[Protoplanetary disks of T Tauri binary systems in the Orion nebula cluster](#)

Daemgen, S., Correia, S., & **Petr-Gotzens, M.G.**, 2012, A&A, 540, 46 [[ADS](#)]
Instruments: NACO, NACO

[A frozen super-Earth orbiting a star at the bottom of the main sequence](#)

Kubas, D., Beaulieu, J.P., Bennett, D.P., Cassan, A., Cole, A., Lunine, J., Marquette, J.B., Dong, S., Gould, A., Sumi, T., Batista, V., Fouqué, P., **Brillant, S.**, Dieters, S., Coutures, C., Greenhill, J., Bond, I., Nagayama, T., Udalski, A., **Pompei, E.**, **Nürnbergger, D.E.A.**, & **Le Bouquin, J.B.**, 2012, A&A, 540, 78 [[ADS](#)]
Instruments: NACO, NACO

[New activity in the large circumstellar disk of the Be-shell star 48 Librae](#)

Štefl, S., Le Bouquin, J.-B., Carciofi, A.C., **Rivinius, T.**, **Baade, D.**, & Rantakyrö, F., 2012, A&A, 540, 76 [[ADS](#)]
Instruments: UVES, UVES, AMBER

[Search for starless clumps in the ATLASGAL survey](#)

Tackenberg, J., Beuther, H., Henning, T., Schuller, F., Wielen, M., Motte, F., Wyrowski, F., Bontemps, S., Bronfman, L., Menten, K., **Testi, L.**, & Lefloch, B., 2012, A&A, 540, 113 [[ADS](#)]
Instruments: LABOCA, LABOCA, LABOCA, LABOCA, LABOCA, LABOCA

[Probing the envelopes of massive young stellar objects with diffraction limited mid-infrared imaging](#)

Wheelwright, H.E., **de Wit, W.J.**, Oudmaijer, R.D., Hoare, M.G., Lumsden, S.L., Fujiyoshi, T., & Close, J.L., 2012, A&A, 540, 89 [[ADS](#)]
Instruments: VISIR

Stellar Evolution

[Lithium and sodium in the globular cluster M 4. Detection of a Li-rich dwarf star: preservation or pollution?](#)

Monaco, L., Villanova, S., Bonifacio, P., Caffau, E., Geisler, D., **Marconi, G.**, **Momany, Y.**, & Ludwig, H.-G., 2012, A&A, 539, 157 [[ADS](#)]
Instruments: FLAMES-GIRAFFE

[Homogeneous metallicities and radial velocities for Galactic globular clusters. First CaT metallicities for twenty clusters](#)

Saviane, I., da Costa, G.S., Held, E.V., Sommariva, V., Gullieuszik, M., Barbuy, B., & Ortolani, S., 2012, A&A, 540, 27 [[ADS](#)]
Instruments: FORS2

[Fundamental properties and atmospheric structure of the red supergiant VY Canis Majoris based on VLT/AMBER spectro-interferometry](#)

Wittkowski, M., Hauschildt, P.H., Arroyo-Torres, B., & Marcaide, J.M., 2012, A&A, 540, L12 [[ADS](#)]
Instruments: AMBER

Miscellaneous

[The S4G Perspective on Circumstellar Dust Extinction of Asymptotic Giant Branch Stars in M100](#)

Meidt, S.E., Schinnerer, E., Muñoz-Mateos, J.-C., Holwerda, B., Ho, L.C., Madore, B.F., Knapen, J.H., Bosma, A., Athanassoula, E., Hinz, J.L., Sheth, K., Regan, M., Gil de Paz, A., Menéndez-Delmestre, K., Seibert, M., Kim, T., Mizusawa, T., **Gadotti, D.A.**, Laurikainen, E., Salo, H., Laine, J., Comerón, S., 2012, ApJ, 748, L30 [[ADS](#)]
Instruments: HAWK-I

[A spectrograph for exoplanet observations calibrated at the centimetre-per-second level](#)

Wilken, T., **Curto, G.L.**, Probst, R.A., Steinmetz, T., **Manescau, A.**, **Pasquini, L.**, González Hernández, J.I., Rebolo, R., Hänsch, T.W., Udem, T., & Holzwarth, R., 2012, *Natur*, 485, 611 [\[ADS\]](#)
Instruments: HARPS

Papers without ESO data

Herschel images of Fomalhaut. An extrasolar Kuiper belt at the height of its dynamical activity

Acke, B., Min, M., Dominik, C., Vandenbussche, B., Sibthorpe, B., Waelkens, C., Olofsson, G., Degroote, P., Smolders, K., Pantin, E., Barlow, M.J., Blommaert, J.A.D.L., Brandeker, A., De Meester, W., **Dent, W.R.F.**, Exter, K., Di Francesco, J., Fridlund, M., Gear, W.K., Glauser, A.M., Greaves, J.S., Harvey, P.M., Henning, T., Hogerheijde, M.R., Holland, W.S., Huygen, R., Ivison, R.J., Jean, C., Liseau, R., Naylor, D.A., Pilbratt, G.L., Polehampton, E.T., Regibo, S., Royer, P., Sicilia-Aguilar, A., & Swinyard, B.M., 2012, *A&A*, 540, 125 [\[ADS\]](#)

Galaxy And Mass Assembly (GAMA): the galaxy stellar mass function at $z < 0.06$

Baldry, I.K., Driver, S.P., Loveday, J., Taylor, E.N., Kelvin, L.S., **Liske, J.**, Norberg, P., Robotham, A.S.G., Brough, S., Hopkins, A.M., Bamford, S.P., Peacock, J.A., Bland-Hawthorn, J., Conselice, C.J., Croom, S.M., Jones, D.H., Parkinson, H.R., Popescu, C.C., Prescott, M., Sharp, R.G., & Tuffs, R.J., 2012, *MNRAS*, 421, 621 [\[ADS\]](#)

The IRX- β relation on subgalactic scales in star-forming galaxies of the Herschel Reference Survey

Boquien, M., Buat, V., Boselli, A., Baes, M., Bendo, G.J., Ciesla, L., Cooray, A., **Cortese, L.**, Eales, S., Gavazzi, G., Gomez, H.L., Lebouteiller, V., Pappalardo, C., Pohlen, M., Smith, M.W.L., & Spinoglio, L., 2012, *A&A*, 539, 145 [\[ADS\]](#)

Far-infrared colours of nearby late-type galaxies in the Herschel Reference Survey

Boselli, A., Ciesla, L., **Cortese, L.**, Buat, V., Boquien, M., Bendo, G.J., Boissier, S., Eales, S., Gavazzi, G., Hughes, T.M., Pohlen, M., Smith, M.W.L., Baes, M., Bianchi, S., Clements, D.L., Cooray, A., Davies, J., Gear, W., Madden, S., Magrini, L., Panuzzo, P., Remy, A., Spinoglio, L., & Zibetti, S., 2012, *A&A*, 540, 54 [\[ADS\]](#)

Herschel-ATLAS/GAMA: a census of dust in optically selected galaxies from stacking at submillimetre wavelengths

Bourne, N., Maddox, S.J., Dunne, L., Auld, R., Baes, M., Baldry, I.K., Bonfield, D.G., Cooray, A., Croom, S.M., Dariush, A., de Zotti, G., Driver, S.P., Dye, S., Eales, S., Gomez, H.L., González-Nuevo, J., Hopkins, A.M., Ibar, E., Jarvis, M.J., Lapi, A., Madore, B., Michałowski, M.J., Pohlen, M., Popescu, C.C., Rigby, E.E., Seibert, M., Smith, D.J.B., Tuffs, R.J., Werf, P.v.d., Brough, S., Buttiglione, S., Cava, A., Clements, D.L., Conselice, C.J., Fritz, J., Hopwood, R., Ivison, R.J., Jones, D.H., Kelvin, L.S., **Liske, J.**, Loveday, J., Norberg, P., Robotham, A.S.G., Rodighiero, G., & Temi, P., 2012, *MNRAS*, 421, 3027 [\[ADS\]](#)

Stellar Lifetime and Ultraviolet Properties of the Old Metal-rich Galactic Open Cluster NGC 6791: A Pathway to Understand the Ultraviolet Upturn of Elliptical Galaxies

Buzzoni, A., Bertone, E., **Carraro, G.**, & Buson, L., 2012, *ApJ*, 749, 35 [\[ADS\]](#)

The dust scaling relations of the Herschel Reference Survey

Cortese, L., Ciesla, L., Boselli, A., Bianchi, S., Gomez, H., Smith, M.W.L., Bendo, G.J., Eales, S., Pohlen, M., Baes, M., Corbelli, E., Davies, J.I., Hughes, T.M., Hunt, L.K., Madden, S.C., Pierini, D., di Serego Alighieri, S., Zibetti, S., Boquien, M., Clements, D.L., Cooray, A., Galametz, M., Magrini, L., Pappalardo, C., Spinoglio, L., & **Vlahakis, C.**, 2012, *A&A*, 540, 52 [\[ADS\]](#)

The ATLAS3D project - XI. Dense molecular gas properties of CO-luminous early-type galaxies

Crocker, A., Krips, M., Bureau, M., Young, L.M., Davis, T.A., Bayet, E., 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.**, **Lablanche, P.-Y.**, McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Weijmans, A.-M., 2012, *MNRAS*, 421, 1298 [\[ADS\]](#)

Triggered star formation in the inner filament of Centaurus A

Crockett, R.M., Shabala, S.S., Kaviraj, S., Antonuccio-Delogu, V., Silk, J., Mutchler, M., O'Connell, R.W., **Rejkuba, M.**, Whitmore, B.C., & Windhorst, R.A., 2012, *MNRAS*, 421, 1603 [\[ADS\]](#)

The Mid-infrared Environments of High-redshift Radio Galaxies

Galametz, A., Stern, D., **De Breuck, C.**, Hatch, N., Mayo, J., Miley, G., Rettura, A., Seymour, N., Stanford, S.A., & **Vernet, J.**, 2012, *ApJ*, 749, 169 [\[ADS\]](#)

The Herschel view of the on-going star formation in the Vela-C molecular cloud

Giannini, T., Elia, D., Lorenzetti, D., Molinari, S., Motte, F., Schisano, E., Pezzuto, S., Pestalozzi, M., di Giorgio, A.M., André, P., Hill, T., Benedettini, M., Bontemps, S., di Francesco, J., Fallscheer, C., Hennemann, M., Kirk, J., Minier, V., Nguyen Luong, Q., Polychroni, D., Rygl, K.L.J., Saraceno, P., Schneider, N., Spinoglio, L., **Testi, L.**, Ward-Thompson, D., & White, G.J., 2012, A&A, 539, 156 [\[ADS\]](#)

Galaxy And Mass Assembly (GAMA): Structural Investigation of Galaxies via Model Analysis

Kelvin, L.S., Driver, S.P., Robotham, A.S.G., Hill, D.T., Alpaslan, M., Baldry, I.K., Bamford, S.P., Bland-Hawthorn, J., Brough, S., Graham, A.W., Häussler, B., Hopkins, A.M., **Liske, J.**, Loveday, J., Norberg, P., Phillipps, S., Popescu, C.C., Prescott, M., Taylor, E.N., & Tuffs, R.J., 2012, MNRAS, 421, 1007 [\[ADS\]](#)

Active optics Shack-Hartmann sensor: using spot sizes to measure the seeing at the focal plane of a telescope

Martinez, P., **Kolb, J.**, **Sarazin, M.**, & **Navarrete, J.**, 2012, MNRAS, 421, 3019 [\[ADS\]](#)

Molecular gas content and SFR in Hickson compact groups: enhanced or deficient?

Martinez-Badenes, V., Lisenfeld, U., Espada, D., Verdes-Montenegro, L., García-Burillo, S., **Leon, S.**, Sulentic, J., & Yun, M.S., 2012, A&A, 540, 96 [\[ADS\]](#)

Subarcsecond SMA observations of the prototype Class 0 object VLA1623 at 1.3 mm: a single protostar with a structured outflow cavity?

Maury, A., Ohashi, N., & André, P., 2012, A&A, 539, 130 [\[ADS\]](#)

A Link to the Past: Using Markov Chain Monte Carlo Fitting to Constrain Fundamental Parameters of High-redshift Galaxies

Pirzkal, N., Rothberg, B., **Nilsson, K.K.**, Finkelstein, S., Koekemoer, A., Malhotra, S., & Rhoads, J., 2012, ApJ, 748, 122 [\[ADS\]](#)

The Cluster Lensing and Supernova Survey with Hubble: An Overview

Postman, M., Coe, D., Benitez, N., Bradley, L., Broadhurst, T., Donahue, M., Ford, H., Graur, O., Graves, G., Jouvel, S., Koekemoer, A., Lemze, D., Medezinski, E., Molino, A., Moustakas, L., Ogaz, S., Riess, A., Rodney, S., **Rosati, P.**, Umetsu, K., Zheng, W., Zitrin, A., Bartelmann, M., Bouwens, R., Czakon, N., Golwala, S., Host, O., Infante, L., Jha, S., Jimenez-Teja, Y., Kelson, D., Lahav, O., Lazkoz, R., Maoz, D., McCully, C., Melchior, P., Meneghetti, M., Merten, J., Moustakas, J., Nonino, M., Patel, B., Regös, E., Sayers, J., Seitz, S., & Van der Wel, A., 2012, ApJS, 199, 25 [\[ADS\]](#)

The effect of local optically thick regions in the long-wave emission of young circumstellar disks

Ricci, L., **Trotta, F.**, **Testi, L.**, Natta, A., Isella, A., & Wilner, D.J., 2012, A&A, 540, 6 [\[ADS\]](#)

Herschel observations of a potential core-forming clump: Perseus B1-E

Sadavoy, S.I., di Francesco, J., André, P., Pezzuto, S., Bernard, J.-P., Bontemps, S., **Bressert, E.**, Chitsazzadeh, S., Fallscheer, C., Hennemann, M., Hill, T., Martin, P., Motte, F., Nguyen Luong, Q., Peretto, N., Reid, M., Schneider, N., **Testi, L.**, White, G.J., Wilson, C., 2012, A&A, 540, 10 [\[ADS\]](#)

Cluster-formation in the Rosette molecular cloud at the junctions of filaments

Schneider, N., Csengeri, T., Hennemann, M., Motte, F., Didelon, P., Federrath, C., Bontemps, S., Di Francesco, J., Arzoumanian, D., Minier, V., André, P., Hill, T., Zavagno, A., Nguyen-Luong, Q., Attard, M., Bernard, J.-P., Elia, D., Fallscheer, C., Griffin, M., Kirk, J., Klessen, R., Könyves, V., Martin, P., Men'shchikov, A., Palmeirim, P., Peretto, N., Pestalozzi, M., Russeil, D., Sadavoy, S., Sousbie, T., **Testi, L.**, Tremblin, P., Ward-Thompson, D., White, G., 2012, A&A, 540, L11 [\[ADS\]](#)

The Herschel Reference Survey: Dust in Early-type Galaxies and across the Hubble Sequence

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