

ESO staff papers published in 04/2011

extracted from the ESO Telescope Bibliography maintained by the library

Subscribe to the [ESO telbib RSS feed](#) 

[Cosmology](#) | [Galaxies and Galactic Nuclei](#) | [Interstellar Medium, Star Formation and Planetary Systems](#) | [Stellar Evolution](#) | [Miscellaneous](#) | [Papers without ESO data](#)

Cosmology | Galaxies and Galactic Nuclei | Interstellar Medium, Star Formation and Planetary Systems | Stellar Evolution | Miscellaneous: ESO authors + ESO observational data

Cosmology

[High-contrast observations of \(136108\) Haumea. A crystalline water-ice multiple system](#)

Dumas, C., Carry, B., Hestroffer, D., & Merlin, F., 2011, A&A, 528, 105 [[ADS](#)]

Instruments: SINFONI, LaserGuideStarFacility

[A study of NIR atmospheric properties at Paranal Observatory](#)

Lombardi, G., Mason, E., Lidman, C., Jaunsen, A.O., & **Smette, A.**, 2011, A&A, 528, 43 [[ADS](#)]

Instruments: ISAAC

[The nature of \$z \sim 2.3\$ Lyman- \$\alpha\$ emitters](#)

Nilsson, K.K., Östlin, G., **Møller, P.**, Möller-Nilsson, O., Tapken, C., **Freudling, W.**, & Fynbo, J.P.U., 2011, A&A, 529, 9 [[ADS](#)]

Instruments: VIMOS

[Optical atmospheric extinction over Cerro Paranal](#)

Patat, F., Moehler, S., O'Brien, K., Pompei, E., Bensby, T., Carraro, G., de Ugarte Postigo, A., Fox, A., Gavignaud, I., **James, G.**, Korhonen, H., Ledoux, C., Randall, S., Sana, H., Smoker, J., Stefl, S., & Szeifert, T., 2011, A&A, 527, 91 [[ADS](#)]

Instruments: FORS1

[Spectroscopic Confirmation of Two Lyman Break Galaxies at Redshift Beyond 7](#)

Vanzella, E., Pentericci, L., Fontana, A., Grazian, A., Castellano, M., Boutsia, K., Cristiani, S., Dickinson, M., Gallozzi, S., Giallongo, E., Giavalisco, M., Maiolino, R., **Moorwood, A.**, Paris, D., & Santini, P., 2011, ApJ, 730, L35 [[ADS](#)]

Instruments: FORS2, HAWK-I

[The zCOSMOS-Bright survey: the clustering of early and late galaxy morphological types since \$z \approx 1\$](#)

de la Torre, S., Le Fèvre, O., Porciani, C., Guzzo, L., Meneux, B., Abbas, U., Tasca, L., Carollo, C.M., Contini, T., Kneib, J.-P., Lilly, S.J., **Mainieri, V.**, Renzini, A., Scodeggio, M., Zamorani, G., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Coppa, G., Cucciati, O., de Ravel, L., Franzetti, P., Garilli, B., Halliday, C., Iovino, A., Kampczyk, P., Knobel, C., Koekemoer, A.M., Kovač, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Pelló, R., Peng, Y., Perez-Montero, E., Ricciardelli, E., Silverman, J., **Tanaka, M.**, Tresse, L., Vergani, D., Zucca, E., Bottini, D., Cappi, A., Cassata, P., Cimatti, A., Leauthaud, A., Maccagni, D., Marinoni, C., McCracken, H.J., Memeo, P., Oesch, P., Pozzetti, L., Scaramella, R., 2011, MNRAS, 412, 825 [[ADS](#)]

Instruments: VIMOS

[The Nonlinear Biasing of the zCOSMOS Galaxies up to \$z \sim 1\$ from the 10k Sample](#)

Kovač, K., Porciani, C., Lilly, S.J., Marinoni, C., Guzzo, L., Cucciati, O., Zamorani, G., Iovino, A., Oesch, P., Bolzonella, M., Peng, Y., Meneux, B., Zucca, E., Bardelli, S., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fèvre, O., **Mainieri, V.**, Renzini, A., Scodeggio, M., Bongiorno, A., Caputi, K., Coppa, G., de la Torre, S., de Ravel, L., Finoguenov, A., Franzetti, P., Garilli, B., Kampczyk, P., Knobel, C., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Pello, R., Perez-Montero, E., Pozzetti, L., Ricciardelli, E., Silverman, J.D., **Tanaka, M.**, Tasca, L.A.M., Tresse, L., Vergani, D., Abbas, U., Bottini, D., Cappi, A., Cassata, P., Cimatti, A., Fumana, M., Koekemoer, A.M., Leauthaud, A., Maccagni, D., McCracken, H.J., Memeo, P., Scaramella, R., Scoville, N.Z., 2011, ApJ, 731, 102 [[ADS](#)]

Instruments: VIMOS

Galaxies and Galactic Nuclei

[Dating the formation of the counter-rotating stellar disc in the spiral galaxy NGC 5719 by disentangling its stellar populations](#)

Coccato, L., Morelli, L., Corsini, E.M., Buson, L., Pizzella, A., Vergani, D., & Bertola, F., 2011, MNRAS, 412, L113 [[ADS](#)]

Instruments: VIMOS

[Lithium-rich giants in the Galactic thick disk](#)

Monaco, L., Villanova, S., Moni Bidin, C., **Carraro, G.**, Geisler, D., Bonifacio, P., **Gonzalez, O.A.**, Zoccali, M., & **Jilkova, L.**, 2011, A&A, 529, 90 [[ADS](#)]

[The PN.S Elliptical Galaxy Survey: a standard \$\Lambda\$ CDM halo around NGC 4374?](#)

Napolitano, N.R., Romanowsky, A.J., Capaccioli, M., Douglas, N.G., **Arnaboldi, M.**, Coccato, L., Gerhard, O., Kuijken, K., Merrifield, M.R., Bamford, S.P., Cortesi, A., Das, P., & Freeman, K.C., 2011, MNRAS, 411, 2035 [[ADS](#)]

Instruments: FORS2

[Crazy heart: kinematics of the "star pile" in Abell 545](#)

Salinas, R., Richtler, T., **West, M.J.**, Romanowsky, A.J., Lloyd-Davies, E., & Schuberth, Y., 2011, A&A, 528, 61 [[ADS](#)]

Instruments: FORS1, FORS2

[Optical and near-infrared velocity dispersions of early-type galaxies](#)

Vanderbeke, J., Baes, M., Romanowsky, A.J., & **Schmidtobreick, L.**, 2011, MNRAS, 412, 2017 [[ADS](#)]

Instruments: ISAAC

[Direct N-body simulations of globular clusters - I. Palomar 14](#)

Zonoozi, A.H., **Küpper, A.H.W.**, Baumgardt, H., Haghi, H., Kroupa, P., & **Hilker, M.**, 2011, MNRAS, 411, 1989 [[ADS](#)]

Instruments: FORS2, UVES

Interstellar Medium, Star Formation and Planetary Systems

[SS433's accretion disc, wind and jets: before, during and after a major flare](#)

Blundell, K., **Schmidtobreick, L.**, & Trushkin, S., 2011, arXiv, 1104, 2917 [[ADS](#)]

Instruments: EMMI

[High angular resolution detection of \$\beta\$ Pictoris b at 2.18 \$\mu\$ m](#)

Bonnefoy, M., Lagrange, A.-M., Boccaletti, A., Chauvin, G., Apai, D., Allard, F., Ehrenreich, D., **Girard, J.H.V.**, Mouillet, D., Rouan, D., Gratadour, D., & **Kasper, M.**, 2011, A&A, 528, L15 [[ADS](#)]

Instruments: NACO

[An analysis of the blue straggler population in the Sgr dSph globular cluster Arp 2](#)

Carraro, G., & Seleznev, A.F., 2011, MNRAS, 412, 1361 [[ADS](#)]

Instruments: EFOSC2_NTT

[News on two jets in Lupus 3](#)

Comerón, F., & Fernández, M., 2011, A&A, 528, 99 [[ADS](#)]

Instruments: FORS1, FORS2

[Chemical abundances in the protoplanetary disc LV 2 \(Orion\): clues to the causes of the abundance anomaly in H II regions](#)

Tsamis, Y.G., **Walsh, J.R.**, Vílchez, J.M., & Péquignot, D., 2011, MNRAS, 412, 1367 [[ADS](#)]

Instruments: FLAMES-GIRAFFE

Stellar Evolution

[Old open clusters and the Galactic metallicity gradient: Berkeley 20, Berkeley 66 and Tombaugh 2](#)

Andreuzzi, G., Bragaglia, A., Tosi, M., & **Marconi, G.**, 2011, MNRAS, 412, 1265 [[ADS](#)]

Instruments: SUSI2

[Probing gamma-ray burst environments with time variability: ULTRASPEC fast imaging of GRB 080210](#)

De Cia, A., Jakobsson, P., Björnsson, G., Vreeswijk, P.M., Dhillon, V.S., Marsh, T.R., Chapman, R., Fynbo, J.P.U., **Ledoux, C.**, Littlefair, S.P., Malesani, D., Schulze, S., **Smette, A.**, Zafar, T., & Gudmundsson, E.H., 2011, MNRAS, 412, 2229 [[ADS](#)]

Instruments: FORS2

[Exploring the origin of magnetic fields in massive stars: a survey of O-type stars in clusters and in the field](#)

Hubrig, S., **Schöller, M.**, Kharchenko, N.V., Langer, N., **de Wit, W.J.**, Ilyin, I., Kholtygin, A.F., Piskunov, A.E., & Przybilla, N., 2011, A&A, 528, 151 [[ADS](#)]

Instruments: FORS2

[The jet of the BL Lacertae object PKS 2201+044: MAD near-IR adaptive optics observations and comparison with optical, radio and X-ray data](#)

Liuzzo, E., Falomo, R., Treves, A., Donato, D., Sambruna, M., Arcidiacono, C., Giovannini, G., Farinato, J., Moretti, A., Ragazzoni, R., Diolaiti, E., Lombini, M., Brast, R., **Donaldson, R.**, **Kolb, J.**, **Marchetti, E.**, & **Tordo, S.**, 2011, A&A, 528, 34 [[ADS](#)]

Instruments: MAD

[A lack of close binaries among hot horizontal branch stars in globular clusters. II. NGC 2808](#)

Moni Bidin, C., Villanova, S., Piotto, G., & **Momány, Y.**, 2011, A&A, 528, 127 [[ADS](#)]

Instruments: FLAMES-GIRAFFE

[CoRoT high-precision photometry of the B0.5 IV star HD 51756](#)

Pápics, P.I., Briquet, M., Auvergne, M., Aerts, C., Degroote, P., Niemczura, E., **Vučković, M.**, Smolders, K., Poretti, E., Rainer, M., Hareter, M., Baglin, A., Baudin, F., Catala, C., Michel, E., & Samadi, R., 2011, A&A, 528, 123 [[ADS](#)]

Instruments: HARPS

[Search of X-ray emission from roAp stars: the case of \$\gamma\$ Equulei](#)

Stelzer, B., **Hummel, C.A.**, **Schöller, M.**, Hubrig, S., & Cowley, C., 2011, A&A, 529, 29 [[ADS](#)]

Instruments: NACO

Miscellaneous

[The Type Ib SN 1999dn: one year of photometric and spectroscopic monitoring](#)

Benetti, S., Turatto, M., Valenti, S., Pastorello, A., Cappellaro, E., Botticella, M.T., Bufano, F., Ghinassi, F., Harutyunyan, A., Inserra, C., Magazzu, A., **Patat, F.**, Pumo, M.L., & Taubenberger, S., 2011, MNRAS, 411, 2726 [[ADS](#)]

Instruments: EFOSC2_3.6

[Dynamical versus stellar masses of ultracompact dwarf galaxies in the Fornax cluster](#)

Chilingarian, I.V., **Mieske, S.**, **Hilker, M.**, & Infante, L., 2011, MNRAS, 412, 1627 [[ADS](#)]

Instruments: FLAMES-GIRAFFE

[The nearby eclipsing stellar system \$\delta\$ Velorum. II. First reliable orbit for the eclipsing pair](#)

Pribulla, T., **Merand, A.**, Kervella, P., Vaňko, M., Stevens, I.R., Chini, R., Hoffmeister, V., Stahl, O., Berndt, A., Mugrauer, M., & Ammler-von Eiff, M., 2011, A&A, 528, 21 [[ADS](#)]

Instruments: FEROS2.2

[Flux and color variations of the quadruply imaged quasar HE 0435-1223](#)

Ricci, D., Poels, J., Elyiv, A., Finet, F., Sprimont, P.G., Anguita, T., Bozza, V., Browne, P., Burgdorf, M., Calchi Novati, S., Dominik, M., Dreizler, S., Glittrup, M., Grundahl, F., Harpsøe, K., Hessman, F., Hinse, T.C., Hornstrup, A., Hundertmark, M., Jørgensen, U.G., Liebig, C., Maier, G., Mancini, L., Masi, G., Mathiasen, M., Rahvar, S.,

Scarpetta, G., Skottfelt, J., **Snodgrass, C.**, Southworth, J., Teuber, J., Thöne, C.C., Wambsgans, J., Zimmer, F., Zub, M., & Surdej, J., 2011, A&A, 528, 42 [\[ADS\]](#)

Papers without ESO data

First astronomical unit scale image of the GW Orionis triple system. Direct detection of a new stellar companion

Berger, J.-P., Monnier, J.D., Millan-Gabet, R., Renard, S., Pedretti, E., Traub, W., Bechet, C., Benisty, M., Carleton, N., **Haguenauer, P.**, Kern, P., Labeye, P., Longa, F., Lacasse, M., Malbet, F., Perraut, K., Ragland, S., Schloerb, P., & Schuller, P.A., Thiébaud, E., 2011, A&A, 529, L1 [\[ADS\]](#)

Earth-based detection of the millimetric thermal emission from the nucleus of comet 8P/Tuttle

Boissier, J., Groussin, O., Jorda, L., Lamy, P., Bockelée-Morvan, D., Crovisier, J., Biver, N., Colom, P., Lellouch, E., & Moreno, R., 2011, A&A, 528, 54 [\[ADS\]](#)

The GALEX Ultraviolet Virgo Cluster Survey (GUVICS). I. The UV luminosity function of the central 12 sq. deg

Boselli, A., Boissier, S., Heinis, S., **Cortese, L.**, Ilbert, O., Hughes, T., Cucciati, O., Davies, J., Ferrarese, L., Giovanelli, R., Haynes, M.P., Baes, M., Balkowski, C., Brosch, N., Chapman, S.C., Charmandaris, V., Clemens, M.S., Dariush, A., de Looze, I., di Serego Alighieri, S., Duc, P.-A., Durrell, P.R., **Emsellem, E.**, Erben, T., Fritz, J., **Garcia-Appadoo, D.A.**, Gavazzi, G., Grossi, M., Jordán, A., Hess, K.M., Huertas-Company, M., Hunt, L.K., Kent, B.R., Lambas, D.G., Lançon, A., MacArthur, L.A., Madden, S.C., Magrini, L., Mei, S., Momjian, E., Olowin, R.P., Papastergis, E., Smith, M.W.L., Solanes, J.M., Spector, O., Spekkens, K., Taylor, J.E., Valotto, C., van Driel, W., Verstraeten, J., Vlahakis, C., Vollmer, B., Xilouris, E.M., 2011, A&A, 528, 107 [\[ADS\]](#)

Application of the X-shooter physical model to flexure analysis

Bristow, P., Vernet, J., & Modigliani, A., 2011, AN, 332, 224 [\[ADS\]](#)

Molecules as tracers of galaxy evolution: an EMIR survey. I. Presentation of the data and first results

Costagliola, F., Aalto, S., Rodriguez, M.I., Muller, S., Spoon, H.W.W., **Martín, S.**, Pérez-Torres, M.A., Alberdi, A., Lindberg, J.E., Batejat, F., Jütte, E., van der Werf, P., & Lahuis, F., 2011, A&A, 528, 30 [\[ADS\]](#)

X-shooter, a unique VLT project

D'Odorico, S., 2011, AN, 332, 216 [\[ADS\]](#)

Rest-frame UV to optical X-shooter spectrum of the gravitationally lensed galaxy ``the 8 o'clock arc'': Dissection of its physical properties

Dessauges-Zavadsky, M., **D'Odorico, S.**, Christensen, L., Schaerer, D., & Richard, J., 2011, AN, 332, 307 [\[ADS\]](#)

XMM-Newton observations of the low-mass X-ray binary EXO 0748-676 in quiescence

Díaz Trigo, M., Boirin, L., Costantini, E., Méndez, M., & Parmar, A., 2011, A&A, 528, 150 [\[ADS\]](#)

Non-stationary dynamo and magnetospheric accretion processes of the classical T Tauri star V2129 Oph

Donati, J.-F., Bouvier, J., Walter, F.M., Gregory, S.G., Skelly, M.B., **Hussain, G.A.J.**, Flaccomio, E., Argiroffi, C., Grankin, K.N., Jardine, M.M., Ménard, F., & Dougados, C., Romanova, M.M., 2011, MNRAS, 412, 2454 [\[ADS\]](#)

A New Jeans Resolution Criterion for (M)HD Simulations of Self-gravitating Gas: Application to Magnetic Field Amplification by Gravity-driven Turbulence

Federrath, C., Sur, S., **Schleicher, D.R.G.**, Banerjee, R., & Klessen, R.S., 2011, ApJ, 731, 62 [\[ADS\]](#)

Evidence for a maximum jet efficiency for the most powerful radio galaxies

Fernandes, C.A.C., Jarvis, M.J., Rawlings, S., Martínez-Sansigre, A., **Hatziminaoglou, E.**, Lacy, M., Page, M.J., Stevens, J.A., & Vardoulaki, E., 2011, MNRAS, 411, 1909 [\[ADS\]](#)

A Compton-thick Active Galactic Nucleus at $z \sim 5$ in the 4 Ms Chandra Deep Field South

Gilli, R., Su, J., Norman, C., Vignali, C., Comastri, A., Tozzi, P., **Rosati, P.**, Stiavelli, M., Brandt, W.N., Xue, Y.Q., Luo, B., Castellano, M., Fontana, A., Fiore, F., **Mainieri, V.**, & Ptak, A., 2011, ApJ, 730, L28 [\[ADS\]](#)

Disentangling the Environment of the FU Orionis Candidate HBC 722 with Herschel

Green, J.D., Evans, N.J.I., Kóspál, Á., van Kempen, T.A., Herczeg, G., Quanz, S.P., Henning, T., Lee, J.-E., Dunham, M.M., Meeus, G., Bouwman, J., van Dishoeck, E., Chen, J.-H., Güdel, M., Skinner, S.L., Merello, M., Pooley, D., Rebull, L.M., **Guieu, S.**, 2011, ApJ, 731, L25 [[ADS](#)]

Which haloes host Herschel-ATLAS galaxies in the local Universe?

Guo, Q., Cole, S., Lacey, C.G., Baugh, C.M., Frenk, C.S., Norberg, P., Auld, R., Baldry, I.K., Bamford, S.P., Bourne, N., Buttiglione, E.S., Cava, A., Cooray, A., Croom, S., Dariush, A., de Zotti, G., Driver, S., Dunne, L., Dye, S., Eales, S., Fritz, J., Hopkins, A., Hopwood, R., Ibar, E., Ivison, R.J., Jarvis, M., Jones, D.H., Kelvin, L., **Liske, J.**, Loveday, J., Maddox, S.J., Parkinson, H., Pascale, E., Peacock, J.A., Pohlen, M., Prescott, M., Rigby, E.E., Robotham, A., Rodighiero, G., Sharp, R., Smith, D.J.B., Temi, P., & **van Kampen, E.**, 2011, MNRAS, 412, 2277 [[ADS](#)]

Galaxy and Mass Assembly: FUV, NUV, ugrizYJHK Petrosian, Kron and Sérsic photometry

Hill, D.T., Kelvin, L.S., Driver, S.P., Robotham, A.S.G., Cameron, E., Cross, N., Andrae, E., Baldry, I.K., Bamford, S.P., Bland-Hawthorn, J., Brough, S., Conselice, C.J., Dye, S., Hopkins, A.M., **Liske, J.**, Loveday, J., Norberg, P., Peacock, J.A., Croom, S.M., Frenk, C.S., Graham, A.W., Jones, D.H., Kuijken, K., Madore, B.F., Nichol, R.C., Parkinson, H.R., Philipps, S., Pimbblet, K.A., Popescu, C.C., Prescott, M., Seibert, M., Sharp, R.G., Sutherland, W.J., Thomas, D., Tuffs, R.J., & **van Kampen, E.**, 2011, MNRAS, 412, 765 [[ADS](#)]

Identification of a Complete 160 μ m Flux-limited Sample of Infrared Galaxies in the ISO Lockman Hole 1 deg² Deep Fields: Source Properties and Evidence for Strong Evolution in the FIR Luminosity Function for ULIRGs

Jacobs, B.A., Sanders, D.B., Rupke, D.S.N., Aussel, H., Frayer, D.T., Ilbert, O., Kartaltepe, J.S., Kawara, K., Kim, D.-C., Le Floc'h, E., Murayama, T., **Smolčić, V.**, Surace, J.A., Taniguchi, Y., Veilleux, S., Yun, M.S., 2011, AJ, 141, 110 [[ADS](#)]

The Star Formation History of Mass-selected Galaxies in the COSMOS Field

Karim, A., Schinnerer, E., Martínez-Sansigre, A., Sargent, M.T., van der Wel, A., Rix, H.-W., Ilbert, O., **Smolčić, V.**, Carilli, C., Pannella, M., Koekemoer, A.M., Bell, E.F., Salvato, M., 2011, ApJ, 730, 61 [[ADS](#)]

The initial period function of late-type binary stars and its variation

Kroupa, P., & **Petr-Gotzens, M.G.**, 2011, A&A, 529, 92 [[ADS](#)]

Non-LTE calculations for neutral Na in late-type stars using improved atomic data

Lind, K., Asplund, M., Barklem, P.S., & Belyaev, A.K., 2011, A&A, 528, 103 [[ADS](#)]

An excerpt of X-shooter operations at Paranal

Martayan, C., Alvarez, A., Bristow, P., Castillo, R., Dekker, H., D'Odorico, S., Mainieri, V., Mason, E., Modigliani, A., Moehler, S., Moller, P., Patat, F., Pena, E., Reinero, C., Vernet, J., Vinther, J., Vuckovic, M., & X-shooter, a.t.e.w.w.a.l.o., 2011, AN, 332, 222 [[ADS](#)]

X-shooting Herbig Ae/Be stars: Accretion probed by near-infrared He I emission

Oudmaijer, R.D., **van den Ancker, M.E.**, Baines, D., Caselli, P., Drew, J.E., Hoare, M.G., Lumsden, S.L., Montesinos, B., Sim, S., Vink, J.S., Wheelwright, H.E., & **de Wit, W.J.**, 2011, AN, 332, 238 [[ADS](#)]

On the mass segregation of stars and brown dwarfs in Taurus

Parker, R.J., Bouvier, J., Goodwin, S.P., Moraux, E., Allison, R.J., **Guieu, S.**, & Güdel, M., 2011, MNRAS, 412, 2489 [[ADS](#)]

Roberto Pallavicini: About a great scientist

Pasquini, L., 2011, AN, 332, 214 [[ADS](#)]

Characterisation of the CAFOS linear spectropolarimeter

Patat, F., & Taubenberger, S., 2011, A&A, 529, 57 [[ADS](#)]

GRB host galaxies studies with X-shooter

Piranomonte, S., Vergani, S.D., Onori, F., Savaglio, S., Palazzi, E., Flores, H., Covino, S., Goldoni, P., Randich, S., Hammer, F., **Pian, E.**, & Tagliaferri, G., 2011, AN, 332, 283 [[ADS](#)]

Early-type Galaxies at $z \sim 1.3$. II. Masses and Ages of Early-type Galaxies in Different Environments and Their Dependence on Stellar Population Model Assumptions

Raichoor, A., Mei, S., Nakata, F., Stanford, S.A., Holden, B.P., Rettura, A., Huertas-Company, M., Postman, M., **Rosati, P.**, Blakeslee, J.P., Demarco, R., Eisenhardt, P., Illingworth, G., Jee, M.J., Kodama, T., Tanaka, M., & White, R.L., 2011, ApJ, 732, 12 [[ADS](#)]

Detection of new point sources in WMAP cosmic microwave background maps at high Galactic latitude. A new technique to extract point sources from CMB maps

Ramos, E.P.R.G., Vio, R., & **Andreani, P.**, 2011, A&A, 528, 75 [[ADS](#)]

The North American and Pelican Nebulae. II. MIPS Observations and Analysis

Rebull, L.M., **Guieu, S.**, Stauffer, J.R., Hillenbrand, L.A., Noriega-Crespo, A., Stapelfeldt, K.R., Carey, S.J., Carpenter, J.M., Cole, D.M., Padgett, D.L., Strom, S.E., & Wolff, S.C., 2011, ApJS, 193, 25 [[ADS](#)]

Stellar parameters of young brown dwarfs

Rigliaco, E., Natta, A., **Testi, L.**, Randich, S., Covino, E., & Alcalá, J.M., 2011, AN, 332, 249 [[ADS](#)]

Evidence for Rapid Redshift Evolution of Strong Cluster Cooling Flows

Samuele, R., McNamara, B.R., Vikhlinin, A., & **Mullis, C.R.**, 2011, ApJ, 731, 31 [[ADS](#)]

Investigating the surface inhomogeneities of the contact binary SW Lacertae. I. Doppler imaging

Şenavcı, H.V., **Hussain, G.A.J.**, O'Neal, D., & Barnes, J.R., 2011, A&A, 529, 11 [[ADS](#)]

The Redshift and Nature of AzTEC/COSMOS 1: A Starburst Galaxy at $z = 4.6$

Smolčić, V., Capak, P., Ilbert, O., Blain, A.W., Salvato, M., Aretxaga, I., Schinnerer, E., Masters, D., Morić, I., Riechers, D.A., Sheth, K., Aravena, M., Aussel, H., Aguirre, J., Berta, S., Carilli, C.L., Civano, F., Fazio, G., Huang, J., Hughes, D., Kartaltepe, J., Koekemoer, A.M., Kneib, J.-P., LeFloc'h, E., Lutz, D., McCracken, H., Mobasher, B., Murphy, E., Pozzi, F., Riguccini, L., Sanders, D.B., Sargent, M., Scott, K.S., Scoville, N.Z., Taniguchi, Y., Thompson, D., Willott, C., Wilson, G., Yun, M., 2011, ApJ, 731, L27 [[ADS](#)]

The Molecular Gas Content of $z < 0.1$ Radio Galaxies: Linking the Active Galactic Nucleus Accretion Mode to Host Galaxy Properties

Smolčić, V., & Riechers, D.A., 2011, ApJ, 730, 64 [[ADS](#)]

GRB 021004 host galaxy and environment with X-shooter

Vergani, S.D., Piranomonte, S., Petitjean, P., Flores, H., Goldoni, P., **Rodrigues, M.**, Hammer, F., & Covino, S., 2011, AN, 332, 292 [[ADS](#)]

The globular cluster systems of Abell 1185

West, M.J., Jordán, A., Blakeslee, J.P., Côté, P., Gregg, M.D., Takamiya, M., & Marzke, R.O., 2011, A&A, 528, 115 [[ADS](#)]

Measuring redshifts using X-ray spectroscopy of galaxy clusters: results from Chandra data and future prospects

Yu, H., Tozzi, P., Borgani, S., **Rosati, P.**, & Zhu, Z.-H., 2011, A&A, 529, 65 [[ADS](#)]

X-shooter: What stands behind the good performance

Zerbi, F.M., **Dekker, H.**, Guinouard, I., Navarro, R., & Rasmussen, P.K., 2011, AN, 332, 218 [[ADS](#)]

Deep wide-field imaging down to the oldest main sequence turn-offs in the Sculptor dwarf spheroidal galaxy

de Boer, T.J.L., Tolstoy, E., Saha, A., Olsen, K., Irwin, M.J., **Battaglia, G.**, Hill, V., Shetrone, M.D., Fiorentino, G., & Cole, A., 2011, A&A, 528, 119 [[ADS](#)]

Molecular gas in Nuclei of GALaxies (NUGA). XV. Molecular gas kinematics in the inner 3 kpc of NGC 6951

van der Laan, T.P.R., Schinnerer, E., Boone, F., García-Burillo, S., Combes, F., Haan, S., **Leon, S.**, Hunt, L., & Baker, A.J., 2011, A&A, 529, 45 [[ADS](#)]

Older issues can be found on the [library website](#).