



CENTRO DE ASTROFISICA FONDAP Publicaciones ISI

Año: 2006

1. Webb, T. M. A., van Dokkum, P., Egami, E., Fazio, G., Franx, M., Gawiser, E., Herrera, D., Huang, J., Labbé, I., **Lira, P.**, Marchesini, D., **Maza, J.**, Quadri, R., Rudnick, G., van der Werf, P., "Star Formation in Distant Red Galaxies: Spitzer Observations in the Hubble Deep Field-South".
The Astrophysical Journal, 636, L17-L20.
2. Curiel, S., Ho, P. T. P., Patel, N. A., Torrelles, J. M., Rodríguez, L. F., Trinidad, M. A., Cantó, J., Hernández, L., Gómez, J. F., **Garay, G.**, Anglada, G., "Large Proper Motions in the Jet of the High-Mass YSO Cepheus A HW2".
The Astrophysical Journal, 638, 878-886.
3. Gómez, M., **Geisler, D.**, Harris, W. E., **Richtler, T.**, Harris, G. L. H., Woodley, K. A., "Structural parameters from ground-based observations of newly discovered globular clusters in NGC 5128".
Astronomy and Astrophysics, 447, 877-890.
4. Antonello, E., Fossati, L., Fugazza, D., Mantegazza, L., **Gieren, W.**, "Variable stars in nearby galaxies. VII. P-L relation in the BVRI bands of Cepheids in IC 1613".
Astronomy and Astrophysics, 445, 901-906.
5. Rizzi, L., Bresolin, F., Kudritzki, R., **Gieren, W.**, **Pietrzyński, G.**, "The Araucaria Project: The Distance to NGC 300 from the Red Giant Branch Tip Using HST ACS Imaging".
The Astrophysical Journal, 638, 766-771.
6. Menanteau, F., Ford, H., **Motta, V.**, Benítez, N., Martel, A., Blakeslee, J., **Infante, L.**, "The Morphological Demographics of Galaxies in the Advanced Camera for Surveys Hubble Ultra Deep Parallel Fields".
The Astronomical Journal, 131, 208-215.
7. Overzier, R., Miley, G. K., Bouwens, R. J., Cross, N. J. G., Zirm, A. W., Benítez, N., Blakeslee, J. P., Clampin, M., Demarco, R., Ford, H. C., Hartig, G. F., Illingworth, G. D., Martel, A. R., Röttgering, H. J. A., Venemans, B., Ardila, D. R., Bartko, F., Bradley, L. D., Broadhurst, T. J., Coe, D., Feldman, P. D., Franx, M., Golimowski, D. A., Goto, T., Gronwall, C., Holden, B., Homeier, N., **Infante, L.**, Kimble, R. A., Krist, J. E., Mei, S., Menanteau, F., Meurer, G. R., **Motta, V.**, Postman, M., Rosati, P., Sirianni, M., Sparks, W. B., Tran, H. D., Tsvetanov, Z. I., White, R. L., Zheng, W., "Clustering of Star-forming Galaxies Near a Radio Galaxy at $z=5.2$ ".
The Astrophysical Journal, 637, 58-73.



8. Gawiser, E., van Dokkum, P., Herrera, D., **Maza, J.**, Castander, F., **Infante, L.**, **Lira, P.**, Quadri, R., Toner, R., **Treister, E.**, Urry, C., **Altmann, M.**, Assef, R., Christlein, D., Coppi, P., Durán, M. F., Franx, M., **Galaz, G.**, Huerta, L., Liu, C., **López, S.**, **Méndez, R.**, Moore, D., **Rubio, M.**, **Ruíz, M. T.**, Toft, S., Yi, S., "The Multiwavelength Survey by Yale-Chile (MUSYC): Survey Design and Deep Public UBVRiz' Images and Catalogs of the Extended Hubble Deep Field-South".
The Astrophysical Journal, 162, 1-19.
9. **Hamuy, M.**, Folatelli, G., Morrell, N., Phillips, M., Suntzeff, N., Persson, S., Roth, M., Gonzalez, S., Krzeminski, W., Contreras, C., Freedman, W., Murphy, D., Madore, B., Wyatt, P., **Maza, J.**, Filippenko, A., Li, W., Pinto, P., "The Carnegie Supernova Project: The Low-Redshift Survey".
The Publications of the Astronomical Society of the Pacific, 118, 839, 2-20.
10. Van Dokkum, P. G., Quadri, R., Marchesini, D., Rudnick, G., Franx, M., Gawiser, E., Herrera, D., Wuyts, S., **Lira, P.**, Labbé, I., **Maza, J.**, Illingworth, G. D., Förster Schreiber, N. M., Kriek, M., Rix, H.-W., Taylor, E. N., Toft, S., Webb, T., Yi, S. K., "The Space Density and Colors of Massive Galaxies at $2 < z < 3$: The Predominance of Distant Red Galaxies".
The Astrophysical Journal, 638, L59-L62.
11. Fischer, D., Laughlin, G., Marcy, G., Butler, R., Vogt, S., Johnson, J., Henry, G., McCarthy, C., Ammons, M., Robinson, S., Strader, J., Valenti, J., McCullough, P., Charbonneau, D., Haislip, J., Knutson, H., Reichart, D., McGee, P., Monard, B., Wright, J., Ida, S., Sato, B., **Minniti, D.**, "The N2K Consortium. III. Short-Period Planets Orbiting HD 149143 and HD 109749".
The Astrophysical Journal, 637, 1094-1101.
12. Ragone, C. J., Muriel, H., Proust, D., Reisenegger, A., **Quintana, H.**, "Identification and study of systems of galaxies in the Shapley supercluster".
Astronomy and Astrophysics, 445, 819-825.
13. Andreon, S., **Quintana, H.**, Tajer, M., **Galaz, G.**, Surdej, J., "The Butcher-Oemler effect at $z \sim 0.35$: a change in perspective".
Monthly Notices of the Royal Astronomical Society, 365, 915-928.
14. Proust, D., **Quintana, H.**, Carrasco, E., Reisenegger, A., Slezak, E., Muriel, H., Dünner, R., Sodr , L., Drinkwater, M. J., Parker, Q. A., Ragone, C. J., "Structure and dynamics of the Shapley Supercluster. Velocity catalogue, general morphology and mass".
Astronomy and Astrophysics, 447, 133-144.
15. Arias, J., Barb , R. H., Apell niz, J. Ma z, Morrell, N., **Rubio, M.**, "The infrared Hourglass cluster in M8".
Monthly Notices of the Royal Astronomical Society, 366, 739-757.



16. **Benvenuto, O.**, Rohrmann, R., De Vito, M., "The evolutionary status of the white dwarf companion of the binary pulsar PSR J1713+0747".
Monthly Notices of the Royal Astronomical Society, 366, 1520-1528.
17. Duffau, S., Zinn, R., Vivas, A., Carraro, G., **Méndez, R.**, Winnick, R., Gallart, C., "Spectroscopy of QUEST RR Lyrae Variables: The New Virgo Stellar Stream".
The Astrophysical Journal, 636, L97-L100.
18. Sumi, T., Woźniak, P. R., Udalski, A., Szymański, M., Kubiak, M., **Pietrzyński, G.**, Soszyński, I., Żebruń, K., Szewczyk, O., Wyrzykowski, L., Paczyński, B., "Microlensing Optical Depth toward the Galactic Bulge Using Bright Sources from OGLE-II".
The Astrophysical Journal, 636, 240-260.
19. Bassino, L., **Richtler, T.**, Dirsch, B., "Globular cluster systems in low-luminosity early-type galaxies near the Fornax cluster centre".
Monthly Notices of the Royal Astronomical Society, 367, 156-168.
20. Castellani, V., Iannicola, G., Bono, G., **Zoccali, M.**, Cassisi, S., Buonanno, R., "On the horizontal branch of the galactic globular cluster NGC 2808".
Astronomy and Astrophysics, 446, 569-577.
21. Gyulbudaghian, A. L., **May, J.**, 2006 "An interesting nebular object in LDN 288".
Astrophysics, 49, 530-537.
22. Luna, A., **Bronfman, L.**, Carrasco, L., **May, J.**, "Molecular Gas, Kinematics, and OB Star Formation in the Spiral Arms of the Southern Milky Way".
The Astrophysical Journal, 641, 938-948.
23. Bizyaev, D., Smith, V., Arenas, J., **Geisler, D.**, Majewski, S., Patterson, R., Cunha, K., Del Pardo, C., Suntzeff, N., **Gieren, W.**, "The Space Interferometry Mission Astrometric Grid Giant Star Survey. I. Stellar Parameters and Radial Velocity Variability".
The Astronomical Journal, 131, 1784-1796.
24. **Mennickent, R. E.**, **Gieren, W.**, Soszynski, I., **Pietrzyński, G.**, "The Araucaria project. Bright variable stars in NGC 6822 from a wide-field imaging survey".
Astronomy and Astrophysics, 450, 873-880.
25. **Pietrzyński, G.**, **Gieren, W.**, Soszynski, I., Bresolin, F., Kudritzki, R., Dall'Ora, M., Storm, J., Bono, G., "The Araucaria Project: The Distance to the Local Group Galaxy IC 1613 from Near-Infrared Photometry of Cepheid Variables".
The Astrophysical Journal, 642, 216-224.



26. Mei, S., Blakeslee, J. P., Stanford, S. A., Holden, B. P., Rosati, P., Strazzullo, V., Homeier, N., Postman, M., Franx, M., Rettura, A., Ford, H., Illingworth, G. D., Ettori, S., Bouwens, R. J., Demarco, R., Martel, A. R., Clampin, M., Hartig, G. F., Eisenhardt, P., Ardila, D. R., Bartko, F., Benítez, N., Bradley, L. D., Broadhurst, T. J., Brown, R. A., Burrows, C. J., Cheng, E. S., Cross, N. J. G., Feldman, P. D., Golimowski, D. A., Goto, T., Gronwall, C., **Infante, L.**, Kimble, R. A., Krist, J. E., Lesser, M. P., Menanteau, F., Meurer, G. R., Miley, G. K., **Motta, V.**, Sirianni, M., Sparks, W. B., Tran, H. D., Tsvetanov, Z. I., White, R. L., Zheng, W., "Evolution of the Color-Magnitude Relation in High-Redshift Clusters: Blue Early-Type Galaxies and Red Pairs in RDCS J0910+5422". *The Astrophysical Journal*, 639, 81-94.
27. Coenda, V., Muriel, H., Donzelli, C., **Quintana, H.**, **Infante, L.**, Lambas, D., "Photometric Observations of Southern Abell Cluster Redshifts Survey Clusters: Structure of Galaxies in the Inner Region of Clusters of Galaxies". *The Astronomical Journal*, 131, 1989-1995.
28. **Galaz, G.**, Villalobos, A., **Infante, L.**, Donzelli, C., "Bulge Evolution in Face-On Spiral and Low Surface Brightness Galaxies". *The Astronomical Journal*, 131, 2035-2049.
29. Zheng, W., Overzier, R. A., Bouwens, R. J., White, R. L., Ford, H. C., Benítez, N., Blakeslee, J. P., Bradley, L. D., Jee, M. J., Martel, A. R., Mei, S., Zirm, A. W., Illingworth, G. D., Clampin, M., Hartig, G. F., Ardila, D. R., Bartko, F., Broadhurst, T. J., Brown, R. A., Burrows, C. J., Cheng, E. S., Cross, N. J. G., Demarco, R., Feldman, P. D., Franx, M., Golimowski, D. A., Goto, T., Gronwall, C., Holden, B., Homeier, N., **Infante, L.**, Kimble, R. A., Krist, J. E., Lesser, M. P., Menanteau, F., Meurer, G. R., Miley, G. K., **Motta, V.**, Postman, M., Rosati, P., Sirianni, M., Sparks, W. B., Tran, H. D., Tsvetanov, Z. I., "An Overdensity of Galaxies near the Most Distant Radio-loud Quasar". *The Astrophysical Journal*, 640, 574-578.
30. Mieske, S., Hilker, M., **Infante, L.**, Jordán, A., "Spectroscopic Metallicities for Fornax Ultracompact Dwarf Galaxies, Globular Clusters, and Nucleated Dwarf Elliptical Galaxies". *The Astronomical Journal*, 131, 2442-2451.
31. Gawiser, E., van Dokkum, P., Gronwall, C., Ciardullo, R., Blanc, G., Castander, F., Feldmeier, J., Francke, H., Franx, M., Habertzettl, L., Herrera, D., Hickey, T., **Infante, L.**, **Lira, P.**, **Maza, J.**, Quadri, R., Richardson, A., Schawinski, K., Schirmer, M., Taylor, E., **Treister, E.**, Urry, C., Virani, S., "The Physical Nature of Ly α -emitting Galaxies at $z=3.1$ ". *The Astrophysical Journal*, 642, L13-L16.
32. Piatek, S., Pryor, C., Bristow, P., Olszewski, E., Harris, H., Mateo, M., **Minniti, D.**, Tinney, C., "Proper Motions of Dwarf Spheroidal Galaxies from Hubble Space Telescope Imaging. IV. Measurement for Sculptor". *The Astronomical Journal*, 131, 1445-1460.



33. Sollima, A., Borissova, J., Catelan, M., Smith, H. A., **Minniti, D.**, Cacciari, C., Ferraro, F. R., "New Metallicities of RR Lyrae Stars in omega Centauri: Evidence for a Non-He-enhanced Metal-intermediate Population".
The Astrophysical Journal, 640, L43-L46.
34. Barbuy, B., **Zoccali, M.**, Ortolani, S., Momany, Y., **Minniti, D.**, Hill, V., Renzini, A., Rich, R. M., Bica, E., Pasquini, L., Yadav, R. K. S., "VLT-UVES analysis of two giants in the bulge metal-poor globular cluster HP-1. Analysis of two giants in HP-1".
Astronomy and Astrophysics, 449, 349-358.
35. Phillips, M., Krisciunas, K., Suntzeff, N., Abraham, R. G., Beckett, M. G., Bonati, M., Candia, P., Corwin, T., Depoy, D., Espinoza, J., Firth, A. E., Freedman, W. L., **Galaz, G.**, Germany, L., Gonzalez, D., **Hamuy, M.**, Hastings, N. C., Hungerford, A. L., Ivanov, V. D., Labbé, E., Marzke, R. O., McCarthy, P. J., McMahon, R. G., McMillan, R., Muenia, C., Persson, S. E., Roth, M., **Ruíz, M. T.**, Smith, R., Smith, R., Strolger, L., Stubbs, C., "Optical and Near-Infrared Observations of the Peculiar Type Ia Supernova 1999ac".
The Astronomical Journal, 131, 2615-2627.
36. García-Rojas, J., Esteban, C., Peimbert, M., Costado, M. T., Rodríguez, M., Peimbert, A., **Ruíz, M. T.**, "Faint emission lines in the Galactic HII regions M16, M20 and NGC 3603*".
Monthly Notices of the Royal Astronomical Society, 368, 253-279.
37. **Benvenuto, O. G.**, "White dwarf stars as strange quark matter detectors – II".
Monthly Notices of the Royal Astronomical Society, 368, 553-562.
38. **Casassus, S.**, Cabrera, G. F., Förster, F., Pearson, T. J., Readhead, A. C. S., Dickinson, C., "Morphological Analysis of the Centimeter-Wave Continuum in the Dark Cloud LDN 1622".
The Astrophysical Journal, 639, 951-964.
39. Pedreros, M. H., **Costa, E.**, **Méndez, R. A.**, "The Proper Motion of the Large Magellanic Cloud: A Reanalysis".
The Astronomical Journal, 131, 1461-1470.
40. Carraro, G., Janes, K. A., **Costa, E.**, **Méndez, R. A.**, "Photometry of seven overlooked open clusters in the first and fourth Galactic quadrants".
Monthly Notices of the Royal Astronomical Society, 368, 1078-1086.

41. Blondin, S., Dessart, L., Leibundgut, B., Branch, D., Höflich, P., Tonry, J., Matheson, T., Foley, R. J., Chornock, R., Filippenko, A. V., Sollerman, J., Spyromilio, J., Kirshner, R. P., Wood-Vasey, W. M., **Clocchiatti, A.**, Aguilera, C., Barris, B., Becker, A. C., Challis, P., Covarrubias, R., Davis, T. M., Garnavich, P., Hicken, M., Jha, S., Krisciunas, K., Li, W., Miceli, A., Miknaitis, G., Pignata, G., Prieto, J., Rest, A., Riess, A. G., Salvo, M. E., Schmidt, B. P., Smith, R. C., Stubbs, C. W., Suntzeff, N. B., "Using Line Profiles to Test the Fraternity of Type Ia Supernovae at High and Low Redshifts".
The Astronomical Journal, 131, 1648-1666.
42. **Clocchiatti, A.**, Schmidt, B. P., Filippenko, A. V., Challis, P., Coil, A. L., Covarrubias, R., Diercks, A., Garnavich, P., Germany, L., Gilliland, R., Hogan, C., Jha, S., Kirshner, R. P., Leibundgut, B., Leonard, D., Li, W., Matheson, T., Phillips, M., Prieto, J. L., Reiss, D., Riess, A. G., Schommer, R., Smith, R. C., Soderberg, A., Spyromilio, J., Stubbs, C., Suntzeff, N. B., Tonry, J. L., Woudt, P., "Hubble Space Telescope and Ground-based Observations of Type Ia Supernovae at Redshift 0.5: Cosmological Implications".
The Astrophysical Journal, 642, 1-21.
43. Folatelli, G., Contreras, C., Phillips, M. M., Woosley, S. E., Blinnikov, S., Morrell, N., Suntzeff, N. B., Lee, B. L., **Hamuy, M.**, González, S., Krzeminski, W., Roth, M., Li, W., Filippenko, A. V., Foley, R. J., Freedman, W. L., Madore, B. F., Persson, S. E., Murphy, D., Boissier, S., **Galaz, G.**, González, L., McCarthy, P. J., McWilliam, A., Pych, W., "SN 2005bf: A Possible Transition Event between Type Ib/c Supernovae and Gamma-Ray Bursts".
The Astrophysical Journal, 641, 1039-1050.
44. **Treister, E.**, Urry, C. M., Van Duyne, J., Dickinson, M., Chary, R., Alexander, D. M., Bauer, F., Natarajan, P., **Lira, P.**, Grogin, N. A., "Spitzer Number Counts of Active Galactic Nuclei in the GOODS Fields2".
The Astrophysical Journal, 640, 603-611.
45. Reimers, D., Agafonova, I., Levshakov, S. A., Hagen, H.-J., Fechner, C., Tytler, D., Kirkman, D., **López, S.**, "Spectral shape of the UV ionizing background and O VI absorbers at $z \sim 1.5$ towards HS 0747+4259".
Astronomy and Astrophysics, 449, 9-22.
46. Moni Bidin, C., **Méndez, R. A.**, Moehler, S., Piotto, G., Recio-Blanco, A., Momany, Y., "Spectroscopic Search for Binaries among Ehb Stars in Globular Clusters".
Baltic Astronomy, 15, 53-60.

47. Beaulieu, J.-P., Bennett, D. P., Fouqué, P., Williams, A., Dominik, M., Jorgensen, U. G., Kubas, D., Cassan, A., Coutures, C., Greenhill, J., Hill, K., Menzies, J., Sackett, P. D., Albrow, M., Brillant, S., Caldwell, J. A. R., Calitz, J. J., Cook, K. H., Corrales, E., Desort, M., Dieters, S., Dominis, D., Donatowicz, J., Hoffman, M., Kane, S., Marquette, J.-B., Martin, R., Meintjes, P., Pollard, K., Sahu, K., Vinter, C., Wambsganss, J., Woller, K., Horne, K., Steele, I., Bramich, D. M., Burgdorf, M., Snodgrass, C., Bode, M., Udalski, A., Szymanski, M. K., Kubiak, M., Wieckowski, T., **Pietrzyński, G.**, Soszynski, I., Szewczyk, O., Wyrzykowski, L., Paczynski, B., Abe, F., Bond, I. A., Britton, T. R., Gilmore, A. C., Hearnshaw, J. B., Itow, Y., Kamiya, K., Kilmartin, P. M., Korpela, A. V., Masuda, K., Matsubara, Y., Motomura, M., Muraki, Y., Nakamura, S., Okada, C., Ohnishi, K., Rattenbury, N. J., Sako, T., Sato, S., Sasaki, M., Sekiguchi, T., Sullivan, D. J., Tristram, P. J., Yock, P. C. M., Yoshioka, T., "Discovery of a cool planet of 5.5 Earth masses through gravitational microlensing".
Nature, 439, 437-440.
48. Dong, S., DePoy, D. L., Gaudi, B. S., Gould, A., Han, C., Park, B.-G., Pogge, R. W., Udalski, A., Szewczyk, O., Kubiak, M., Szymanski, M. K., **Pietrzyński, G.**, Soszynski, I., Wyrzykowski, L., Zebrun, K., "Planetary Detection Efficiency of the Magnification 3000 Microlensing Event OGLE-2004-BLG-343".
The Astrophysical Journal, 642, 842-860.
49. Bastian, N., Saglia, R. P., Goudfrooij, P., Kissler-Patig, M., Maraston, C., Schweizer, F., **Zoccali, M.**, "Dynamical mass estimates for two luminous star clusters in galactic merger remnants".
Astronomy and Astrophysics, 448, 881-891.
50. Rejkuba, M., da Costa, G. S., Jerjen, H., **Zoccali, M.**, Binggeli, B., "Dwarf elliptical galaxies in Centaurus A group: stellar populations in AM 1339-445 and AM 1343-452".
Astronomy and Astrophysics, 448, 983-999.
51. Edelmann, H., **Altmann, M.**, Heber, U., "Discovery of Four Radial Velocity Variable Sdb Stars with Eccentric Orbits".
Baltic Astronomy, 15, 191-198.
52. Pauli, E.-M., Napiwotzki, R., Heber, U., **Altmann, M.**, Odenkirchen, M., "3D kinematics of white dwarfs from the SPY project. II".
Astronomy and Astrophysics, 447, 173-184.
53. Bergond, G., Zepf, S. E., **Romanowsky, A.**, Sharples, R. M., Rhode, K. L., "Wide-field kinematics of globular clusters in the Leo I group".
Astronomy and Astrophysics, 448, 155-164.
54. Virani, S. N., **Treister, E.**, Urry, C. M., Gawiser, E., "The Extended Chandra Deep Field-South Survey: X-Ray Point-Source Catalog".
The Astronomical Journal, 131, 2373-2382.



55. Paz, D. J., Lambas, D. G., **Padilla, N.**, Merchán, M., "Shapes of clusters and groups of galaxies: comparison of model predictions with observations".
Monthly Notices of the Royal Astronomical Society, 366, 1503-1510.
56. Bornancini, C., **Padilla, N.**, Lambas, D., De Breuck, C., "Spatial clustering of Ultra Steep Spectrum sources and galaxies".
Monthly Notices of the Royal Astronomical Society, 368, 619-622.
57. **Cortés, J.**, Kenney, J., Hardy, E., "The Nature of the Peculiar Virgo Cluster Galaxies NGC 4064 and NGC 4424".
The Astronomical Journal, 131, 747-770.
58. Bassino, L., Faifer, F., Forte, J., Dirsch, B., **Richtler, T.**, **Geisler, D.**, Schuberth, Y., "Large-scale study of the NGC 1399 globular cluster system in Fornax".
Astronomy and Astrophysics, 451, 789-796.
59. Georgiev, I., Hilker, M., Puzia, T., Chanamé, J., Mieske, S., Goudfrooij, P., Reisenegger, A., **Infante, L.**, "The old globular cluster system of the dIrr galaxy NGC 1427A in the Fornax cluster".
Astronomy and Astrophysics, 452, 141-153.
60. Golimowski, D., Ardila, D., Krist, J., Clampin, M., Ford, H., Illingworth, G., Bartko, F., Benítez, N., Blakeslee, J., Bouwens, R., Bradley, L., Broadhurst, T., Brown, R., Burrows, C., Cheng, E., Cross, N., Demarco, R., Feldman, P., Franx, M., Goto, T., Gronwall, C., Hartig, G., Holden, B., Homeier, N., **Infante, L.**, Jee, M. J., Kimble, R., Lesser, M., Martel, A., Mei, S., Menanteau, F., Meurer, G., Miley, G., **Motta, V.**, Postman, M., Rosati, P., Sirianni, M., Sparks, W., Tran, H. D., Tsvetanov, Z., White, R., Zheng, W., Zirm, A. W., "Hubble Space Telescope ACS Multiband Coronagraphic Imaging of the Debris Disk around beta Pictoris".
The Astronomical Journal, 131, 3109-3130.
61. Zijlstra, A., Gesicki, K., Walsh, J., Péquignot, D., van Hoof, P., **Minniti, D.**, "The planetary nebula population of the Sagittarius dwarf spheroidal galaxy".
Monthly Notices of the Royal Astronomical Society, 369, 875.
62. Dickinson, C., **Casassus, S.**, Pineda, J., Pearson, T., Readhead, A., Davies, R., "An Upper Limit on Anomalous Dust Emission at 31 GHz in the Diffuse Cloud [LPH96] 201.663+1.643".
The Astrophysical Journal, 643, L111-L114.
63. **Mennickent, R.**, Unda-Sanzana, E., Tappert, C., "Doppler tomography of the dwarf novae VY Aquari and WX Ceti2".
Astronomy and Astrophysics, 451, 613-619.

64. Gould, A., Udalski, A., An, D., Bennett, D. P., Zhou, A.-Y., Dong, S., Rattenbury, N. J., Gaudi, B. S., Yock, P. C. M., Bond, I. A., Christie, G. W., Horne, K., Anderson, J., Stanek, K. Z., DePoy, D. L., Han, C., McCormick, J., Park, B.-G., Pogge, R. W., Poindexter, S. D., Soszynski, I., Szymanski, M. K., Kubiak, M., **Pietrzyński, G.**, Szewczyk, O., Wyrzykowski, L., Ulaczyk, K., Paczynski, B., Bramich, D. M., Snodgrass, C., Steele, I. A., Burgdorf, M. J., Bode, M. F., Botzler, C. S., Mao, S., Swaving, S. C., "Microlens OGLE-2005-BLG-169 Implies That Cool Neptune-like Planets Are Common". *The Astrophysical Journal*, 644, L37-L40.
65. Halliday, C., Carter, D., Bridges, T. J., Jackson, Z. C., Wilkinson, M. I., Quinn, D. P., Evans, N. W., Douglas, N. G., Merrett, H. R., Merrifield, M. R., **Romanowsky, A.**, Kuijken, K., Irwin, M. J., "Planetary nebula velocities in the disc and bulge of M31". *Monthly Notices of the Royal Astronomical Society*, 369, 97-119.
66. Merrett, H. R., Merrifield, M. R., Douglas, N. G., Kuijken, K., **Romanowsky, A.**, Napolitano, N. R., Arnaboldi, M., Capaccioli, M., Freeman, K. C., Gerhard, O., Coccato, L., Carter, D., Evans, N. W., Wilkinson, M. I., Halliday, C., Bridges, T. J., "A deep kinematic survey of planetary nebulae in the Andromeda galaxy using the Planetary Nebula Spectrograph". *Monthly Notices of the Royal Astronomical Society*, 369, 120-142.
67. Kim, E., Kim, D., Fabbiano, G., Lee, M., Park, H., **Geisler, D.**, Dirsch, B., "Low-Mass X-Ray Binaries in Six Elliptical Galaxies: Connection to Globular Clusters". *The Astrophysical Journal*, 647, 276-292.
68. Sarajedini, A., Barker, M., **Geisler, D.**, Harding, P., Schommer, R., "RR Lyrae Variables in M33. I. Evidence for a Field Halo Population". *The Astronomical Journal*, 132, 1361-1371.
69. Fernández, J., **Minniti, D.**, **Pietrzyński, G.**, **Gieren, W.**, **Ruíz, M. T.**, **Zoccali, M.**, Udalski, A., Szeifert, T., "Millimagnitude Optical Photometry for the Transiting Planetary Candidate OGLE-TR-109". *The Astrophysical Journal*, 647, 587-593
70. **Gieren, W.**, **Pietrzyński, G.**, Nalewajko, K., Soszyński, I., Bresolin, F., Kudritzki, R., **Minniti, D.**, **Romanowsky, A.**, "The Araucaria Project: An Accurate Distance to the Local Group Galaxy NGC 6822 from Near-Infrared Photometry of Cepheid Variables". *The Astrophysical Journal*, 647, 1056-1064.
71. **Costa, E.**, **Méndez, R. A.**, Jao, W., Henry, T., Subasavage, J., Ianna, P., "The Solar Neighborhood. XVI. Parallaxes from CTIOPI: Final Results from the 1.5 m Telescope Program". *The Astronomical Journal*, 132, 1234-1247.



72. Tappert, C., Gänsicke, B., **Mennickent, R.**, Schmidtobreick, L., "Spectroscopy of the Candidate Pre-CV LTT 560".
Astrophysics and Space Science, 304, 299-301.
73. Zhang, J. S., Henkel, C., Kadler, M., Greenhill, L. J., **Nagar, N.**, Wilson, A. S., Braatz, J. A. "Extragalactic H₂O masers and X-ray absorbing column densities".
Astronomy and Astrophysics, 450, 933-944.
74. Gahm, G., Carlqvist, P., Johansson, L., **Nikolić, S.**, "Rotating elephant trunks".
Astronomy and Astrophysics, 454, 201-212.
75. Kun, M., **Nikolić, S.**, Johansson, L. E. B., Balog, Z., Gáspár, A., "Low-mass star formation in Lynds 1333".
Monthly Notices of the Royal Astronomical Society, 371, 732-738.
76. Borissova, J., Ivanov, V., **Minniti, D.**, **Geisler, D.**, "Discovery of new Milky Way star cluster candidates in the 2 MASS point source catalog. V. Follow-up observations of the young stellar cluster candidates RCW 87, [BDSB2003] 164 and [DBSB2003] 172".
Astronomy and Astrophysics, 455, 923-930.
77. **Pietrzyński, G.**, **Gieren, W.**, Udalski, A., Soszyński, I., Bresolin, F., Kudritzki, R., **Mennickent, R.**, Kubiak, M., Szymański, M., Hidalgo, S., "The Araucaria Project: A Wide-Field Photometric Survey for Cepheid Variables in NGC 3109".
The Astrophysical Journal, 648, 366-374.
78. Soszyński, I., **Gieren, W.**, **Pietrzyński, G.**, Bresolin, F., Kudritzki, R.-P., Storm, J., "The Araucaria Project: Distance to the Local Group Galaxy NGC 3109 from Near-Infrared Photometry of Cepheids".
The Astrophysical Journal, 648, 375-382.
79. Bresolin, F., **Pietrzyński, G.**, Urbaneja, M., **Gieren, W.**, Kudritzki, R., Venn, K., "The Araucaria Project: VLT Spectra of Blue Supergiants in WLM- Classification and First Abundances".
The Astrophysical Journal, 648, 1007-1019.
80. McLaughlin, D., Anderson, J., Meylan, G., Gebhardt, K., Pryor, C., **Minniti, D.**, Phinney, S., "Hubble Space Telescope Proper Motions and Stellar Dynamics in the Core of the Globular Cluster 47 Tucanae".
The Astrophysical Journal Supplement Series, 166, 249-297.
81. **Benvenuto, O.**, "White dwarf stars as strange quark matter detectors – III".
Monthly Notices of the Royal Astronomical Society, 371, 1351-1358.



82. Prochter, G., Prochaska, J., Chen, H., Bloom, J., Dessauges-Zavadsky, M., Foley, R., **López, S.**, Pettini, M., Dupree, A., Guhathakurta, P., "On the Incidence of Strong Mg II Absorbers along Gamma-Ray Burst Sight Lines".
The Astrophysical Journal, 648, L93-L96.
83. Sánchez, A., Baugh, C. M., Percival, W. J., Peacock, J. A., **Padilla, N.**, Cole, S., Frenk, C. S., Norberg, P., "Cosmological parameters from cosmic microwave background measurements and the final 2dF Galaxy Redshift Survey power spectrum".
Monthly Notices of the Royal Astronomical Society, 366, 189-207.
84. **Rojo, P.**, Harrington, J., "A Method to Remove Fringes from Images Using Wavelets".
The Astrophysical Journal, 649, 553-560.
85. **Escala, A.**, "On the Fueling of Massive Black Holes and the Properties of Their Host Spheroids".
The Astrophysical Journal, 648, L13-L16.
86. Grocholski, A., Cole, A., Sarajedini, A., **Geisler, D.**, Smith, V. "Ca II Triplet Spectroscopy of Large Magellanic Cloud Red Giants. I. Abundances and Velocities for a Sample of Populous Clusters".
The Astronomical Journal, 132, 1630-1644.
87. **Mennickent, R.**, Cidale, L., **Pietrzyński, G.**, **Gieren, W.**, Sabogal, B., "Blue and yellow long-period variables in the direction of the Small Magellanic Cloud".
Astronomy and Astrophysics, 457, .949-961.
88. **Zoccali, M.**, Lecureur, A., Barbuy, B., Hill, V., Renzini, A., **Minniti, D.**, Momany, Y., Gómez, A., Ortolani, S. "Oxygen abundances in the Galactic bulge: evidence for fast chemical enrichment".
Astronomy and Astrophysics, 457,.L1-L4.
89. Kriek, M., van Dokkum, P., Franx, M., Quadri, R., Gawiser, E., Herrera, D., Illingworth, G., Labbé, I., **Lira, P.**, Marchesini, D., Rix, H., Rudnick, G., Taylor, E., Toft, S., Urry, C., Wuyts, S. "Spectroscopic Identification of Massive Galaxies at $z \sim 2.3$ with Strongly Suppressed Star Formation".
The Astrophysical Journal, 649, L71-L74.
90. **Garay, G.**, Brooks, K., **Mardones, D.**, Norris, R., "A Multiwavelength Study of Young Massive Star-forming Regions. I. The Ionized Gas Content".
The Astrophysical Journal, 651, 914-932.
91. Mieske, S. Hilker, M. **Infante, L.**, "An I-band calibration of surface brightness fluctuation measurements at blue colours".
Astronomy and Astrophysics, 458, 1013-1023.



92. Carrasco, E., Mendes de Oliveira, C., **Infante, L.**, "The Dwarf Galaxy Population in Nearby Groups: The Data".
The Astronomical Journal, 132, 1796-1817.
93. D'Odorico, V., Viel, M., Saitta, F., Cristiani, S., Bianchi, S., Boyle, B., **López, S., Maza, J.**, Outram, P., "Tomography of the intergalactic medium with Ly α forests in close QSO pairs".
Monthly Notices of the Royal Astronomical Society, 372, 1333-1344.
94. Janknecht, E., Reimers, D., **López, S.**, Tytler, D., "The evolution of Lyman α absorbers in the redshift range $0.5 < z < 1.9$ ".
Astronomy and Astrophysics, 458, 427.
95. Kayser, A., Hilker, M., **Richtler, T.**, Willemsen, P., "Medium resolution spectroscopy in ω Centauri: abundances of 400 subgiant and turn-off region stars".
Astronomy and Astrophysics, 458, 777.
96. Debattista, V., Ferreras, I., Pasquali, A., Seth, A., De Rijcke, S., **Morelli, L.**, "The Binary Nucleus in VCC 128: A Candidate Supermassive Black Hole in a Dwarf Elliptical Galaxy".
The Astrophysical Journal, L97-L100.
97. **Pietrzyński, G., Gieren, W.**, Soszyński, I., Udalski, A., Bresolin, F., Kudritzki, R., **Mennickent, R.**, Walker, A., Garcia, A., Szewczyk, O., Szymański, M., Kubiak, M., Wyrzykowski, Łukasz, "The Araucaria Project: The Distance to the Sculptor Group Galaxy NGC 55 from a Newly Discovered Abundant Cepheid Population".
The Astronomical Journal, 132, 2556-2565.
98. Willis, J., Courbin, F., Kneib, J. P., Minniti, D., "ZEN and the search for high-redshift galaxies [review article]".
New Astronomy Reviews, 50, 70-74.
99. Sahu, K., Casertano, S., Bond, H., Valenti, J., Ed Smith, T., **Minniti, D., Zoccali, M.**, Livio, M., Panagia, N., Piskunov, N., Brown, T., Brown, T., Renzini, A., Rich, R., Clarkson, W., Lubow, S., "Transiting extrasolar planetary candidates in the Galactic bulge".
Nature, 443, 534-540.
100. Mates, N., **Morelli, L.**, Palazzi, E., **Galaz, G.**, Bassani, L., Bazzano, A., Bird, A. J., Dean, A. J., Israel, G. L., Landi, R., Malizia, A., **Minniti, D.**, Schiavone, F., Stephen, J. B., Ubertini, P., Walter, R., "Unveiling the nature of INTEGRAL objects through optical spectroscopy. V. Identification and properties of 21 southern hard X-ray sources".
Astronomy and Astrophysics, 459, 21-30.



101. Pierre, M., Pacaud, F., Duc, P.-A., Willis, J. P., Andreon, S., Valtchanov, I., Altieri, B., **Galaz, G.**, Gueguen, A., Fèvre, J.-P. Le, Fèvre, O. Le, Ponman, T., Sprimont, P.-G., Surdej, J., Adami, C., Alshino, A., Bremer, M., Chiappetti, L., Detal, A., Garcet, O., Gosset, E., Jean, C., Maccagni, D., Marinoni, C., Mazure, A., **Quintana, H.**, Read, A., "The XMM Large-Scale Structure survey: a well-controlled X-ray cluster sample over the D1 CFHTLS area".
Monthly Notices of the Royal Astronomical Society, 372, 591-608.
102. Henry, T., Jao, W., Subasavage, J., Beaulieu, T., Ianna, P., **Costa, E.**, **Méndez, R. A.** "The Solar Neighborhood. XVII. Parallax Results from the CTIOPI 0.9 m Program: 20 New Members of the RECONS 10 Parsec Sample".
The Astronomical Journal, 132, 2360-2371.
103. Castander, F., Treister, E., **Maza, J.**, Gawiser, E., 2006 "CXOCY J220132.8-320144: An Edge-on Spiral Gravitational Lens".
The Astrophysical Journal, 652, 955-962
104. Moni Bidin, C., Moehler, S., Piotto, G., Recio-Blanco, A., Momany, Y., **Méndez, R. A.**, "The lack of close binaries among hot horizontal branch stars in NGC 6752".
Astronomy and Astrophysics, 451, 499-513.
105. Pivato, M., **Padilla, N.**, Lambas, D., "Cluster infall in the concordance Λ CDM model".
Monthly Notices of the Royal Astronomical Society, 373, 1409-1415.
106. Wyrzykowski, L., Udalski, A., Mao, S., Kubiak, M., Szymanski, M. K., **Pietrzyński, G.**, Soszynski, I., Szewczyk, O., "The Optical Gravitational Lensing Experiment. Variable Baseline Microlensing Events in the Galactic Bulge".
Acta Astronomica, 145-169.
107. Ciechanowska, A., **Pietrzyński, G.**, Wyrzykowski, L., Szewczyk, O., Kubiak, M., Udalski, A., Szymanski, M. K., "The Optical Gravitational Lensing Experiment. Variable Stars in the Field of Open Cluster NGC6259".
Acta Astronomica, 219-236.
108. Assef, R. J., Gould, A., Afonso, C., Albert, J. N., Andersen, J., Ansari, R., Aubourg, É., Bareyre, P., Beaulieu, J. P., Charlot, X., Coutures, C., Ferlet, R., Fouqué, P., Glicenstein, J. F., Goldman, B., Graff, D., Gros, M., Haissinski, J., Hamadache, C., de Kat, J., Le Guillou, L., Lesquoy, É., Loup, C., Magneville, C., Marquette, J. B., Maurice, É., Maury, A., Milsztajn, A., Moniez, M., Palanque-Delabrouille, N., Perdureau, O., Rahal, Y. R., Rich, J., Spiro, M., Tisserand, P., Vidal-Madjar, A., Vigroux, L., Zylberajch, S., Bennett, D. P., Becker, A. C., Griest, K., Vandehei, T., Welch, D. L., Udalski, A., Szymański, M. K., Kubiak, M., **Pietrzyński, G.**, Soszyński, I., Szewczyk, O., Wyrzykowski, Ł., "Removing the Microlensing Blending-Parallax Degeneracy Using Source Variability".
The Astrophysical Journal, 649, 954-964.



109. **Richtler, T.**, "Some remarks on extragalactic globular clusters".
Bulletin of the Astronomical Society of India, 34, .83.
110. Larsen, S., **Richtler, T.**, "Planetary nebula candidates in extragalactic young star clusters".
Astronomy and Astrophysics, 459, 103-111.
111. Schuberth, Y., **Richtler, T.**, Dirsch, B., Hilker, M., Larsen, S., Kissler-Patig, M., Mebold, U. "Dynamics of the NGC 4636 globular cluster system. An extremely dark matter dominated galaxy?"
Astronomy and Astrophysics, 459,.391-406.
112. Busso, G., Moehler, S., **Zoccali, M.**, Heber, U., Yi, S. K., "Hot Subdwarfs in the Galactic Bulge".
Baltic Astronomy, 15, 25-31
113. Virani, S., **Treister, E.**, Urry, C. Megan, G., "The Extended Chandra Deep Field-South Survey: X-Ray Point-Source Catalog".
The Astronomical Journal, 131, 2373-2382.
114. Carraro, G., Maris, M., Bertin, D., **Parisi, G.**, 2006 "Time series photometry of the dwarf planet ERIS (2003 UB313)".
Astronomy and Astrophysics, 460, .L39-L42
115. Brandeker, A., Jayawardhana, R., Khavari, P., Haisch, K. E., **Mardones, D.**, 2006 "Deficit of Wide Binaries in the η Chamaeleontis Young Cluster".
The Astrophysical Journal, 652, 1572-1584.
116. Alves-Brito, A., Barbuy, B., **Zoccali, M.**, **Minniti, D.**, Ortolani, S., Hill, V., Renzini, A., Pasquini, L., Bica, E., Rich, R. M., Meléndez, J., Momany, Y., 2006 "VLT-UVES abundance analysis of four giants in NGC 6553".
Astronomy and Astrophysics, 460, 269-276.
117. Borissova, J., **Minniti, D.**, Rejkuba, M., Alves, D., 2006 "Properties of RR Lyrae stars in the inner regions of the Large Magellanic Cloud. II. The extended sample".
Astronomy and Astrophysics, 460, 459-466.



118. Cassan, A., Beaulieu, J.-P., Fouqué, P., Brilliant, S., Dominik, M., Greenhill, J., Heyrovský, D., Horne, K., Jørgensen, U. G., Kubas, D., Stempels, H. C., Vinter, C., Albrow, M. D., Bennett, D., Caldwell, J. A. R., Calitz, J. J., Cook, K., Coutures, C., Dominis, D., Donatowicz, J., Hill, K., Hoffman, M., Kane, S., Marquette, J.-B., Martin, R., Meintjes, P., Menzies, J., Miller, V. R., Pollard, K. R., Sahu, K. C., Wambsganss, J., Williams, A., Udalski, A., Szymański, M. K., Kubiak, M., **Pietrzyński, G.**, Soszyński, I., Żebruń, K., Szewczyk, O., Wyrzykowski, Ł., 2006 "OGLE 2004-BLG-254: a K3 III Galactic bulge giant spatially resolved by a single microlens". *Astronomy and Astrophysics*, 460, 277-288.
119. Udalski, A., Szymanski, M. K., Kubiak, M., **Pietrzyński, G.**, Soszynski, I., Zebrun, K., Szewczyk, O., Wyrzykowski, L., Ulaczyk, K., Wiêckowski, T., 2006 "The Optical Gravitational Lensing Experiment. OGLE-III Long Term Monitoring of the Gravitational Lens QSO 2237+0305". *Acta Astronomica*, 56, 293-305.
120. Jaroszynski, M., Skowron, J., Udalski, A., Kubiak, M., Szymanski, M. K., **Pietrzyński, G.**, Soszynski, I., Zebrun, K., Szewczyk, O., Wyrzykowski, L., 2006 "Binary Lenses in OGLE-III EWS Database. Season 2004". *Acta Astronomica*, 56, 307-332.