

D PUBLICATIONS USING DATA FROM NOAO TELESCOPES

Publications by Data Source	
Data Source	# in FY11
CTIO Telescopes (incl. SMARTS & SOAR)	207
KPNO Telescopes (incl. WIYN)	181
Gemini Telescopes	82
Keck Telescopes	15
HET & MMT	7
Magellan Telescopes	1
CHARA/Hale	0
NOAO Science Archive	28

D.1 TELESCOPES AT CERRO TOLOLO INTER-AMERICAN OBSERVATORY

During FY11 (Oct. 2010–Sept. 2011), 207 publications used data taken at the CTIO telescopes for which NOAO allocates observing time:¹

Agudo, I., et al. 2011, ApJ, 726, L13, “Location of γ -Ray Flare Emission in the Jet of the BL Lacertae Object OJ287 More than 14 pc from the Central Engine”

Agudo, I., ... Jannuzi, B.T., et al. 2011, ApJ, 735, L10, “On the Location of the γ -Ray Outburst Emission in the BL Lacertae Object AO 0235+164 through Observations across the Electromagnetic Spectrum”

Ahumada, J.A., Giorgi, E.E., Solivella, G., Vázquez, R.A. 2011, MNRAS, 415, 1355, “Early-Type Stars in the Open Cluster NGC 4852”

Anderson, G.E., et al. 2011, ApJ, 727, 105, “Identification of a Population of X-ray Emitting Massive Stars in the Galactic Plane”

Andersson, K., et al. 2011, ApJ, 738, 48, “X-ray Properties of the First Sunyaev-Zel’dovich Effect Selected Galaxy Cluster Sample from the South Pole Telescope”

Andrews, J.E., et al. 2011, ApJ, 731, 47, “Photometric and Spectroscopic Evolution of the IIP SN 2007it to Day 944”

Aragona, C., McSwain, M.V., Roberts, M.S.E. 2011, BSRSL, 80, 115, “The Stellar Wind of LS 5039”

Artigau, E., et al. 2011, ApJ, 739, 48, “Discovery of Two L and T Binaries with Wide Separations and Peculiar Photometric Properties”

¹ Author Name in bold = NOAO scientific staff member; Author Name underlined = Undergraduate student in Research Experiences for Undergraduates (REU) program or Prácticas de Investigación en Astronomía (PIA) program

- Assef, R.J., ... Jannuzi, B.T., et al. 2011, *ApJ*, 728, 56, “The Mid-IR and X-ray-Selected QSO Luminosity Function”
- Balbinot, E., et al. 2011, *MNRAS*, 416, 393, “The Tidal Tails of NGC 2298”
- Balogh, M.L., et al. 2011, *MNRAS*, 412, 947, “The Stellar and Hot Gas Content of Low-Mass Galaxy Clusters”
- Baran, A.S., et al. 2011, *Acta Astronomica*, 61, 37, “Mt. Suhora Survey—Searching for Pulsating M Dwarfs. I”
- Barlow, B.N., Dunlap, B.H., Clemens, J.C. 2011, *ApJ*, 737, L2, “Radial Velocity Confirmation of a Binary Detected from Pulse Timings”
- Barlow, B.N., et al. 2011, *MNRAS*, 414, 3434, “Fortnightly Fluctuations in the O-C Diagram of CS 1246”
- Batista, V., et al. 2011, *A&A*, 529, A102, “MOA-2009-BLG-387Lb: A Massive Planet Orbiting an M Dwarf”
- Battinelli, P., Demers, S. 2011, *A&A*, 525, A69, “Long Period Variable Survey in NGC 6822”
- Bauer, J.M., et al. 2011, *ApJ*, 738, 171, “WISE/NEOWISE Observations of Comet 103P/Hartley 2”
- Baume, G., Carraro, G., Comeron, F., de Elia, G.C. 2011, *A&A*, 531, A73, “The Ara OB1a Association. Stellar Population and Star Formation History”
- Belton, M.J.S., ... Lauer, T.R., et al. 2011, *Icarus*, 213, 345, “Stardust-NExT, Deep Impact, and the Accelerating Spin of 9P/Tempel 1”
- Bielby, R.M., et al. 2011, *MNRAS*, 414, 2, “The VLT LBG Redshift Survey—I. Clustering and Dynamics of ≈ 1000 Galaxies at $z \approx 3$ ”
- Bonanos, A.Z., Castro, N., Macri, L.M., Kudritzki, R.-P. 2011, *ApJ*, 729, L9, “The Distance to the Massive Eclipsing Binary LMC-SC1-105 in the Large Magellanic Cloud”
- Bonning, E.W., et al. 2010, *ASP Conf. 427*, eds. L. Maraschi, et al. (ASP), 265, “Variability in the Blazar 3C 454.3”
- Brozović, M., Jacobson, R.A., Sheppard, S.S. 2011, *AJ*, 141, 135, “The Orbits of Neptune’s Outer Satellites”
- Bubar, E.J., Mamajek, E.E., Jensen, E.L.N., Walter, F.M. 2011, *AJ*, 141, 140, “V474 Car: A Rare Halo RS CVn Binary in Retrograde Galactic Orbit”
- Buie, M.W., Trilling, D.E., Wasserman, L.H., Crudo, R.A. 2011, *ApJS*, 194, 40, “A Large and Faint Photometric Catalog on the Ecliptic”
- Bullock, E., ... Howell, S.B., et al. 2011, *AJ*, 141, 84, “GALEX and Optical Observations of GW Librae during the Long Decline from Superoutburst”
- Burgasser, A.J., et al. 2010, *ApJ*, 725, 1405, “Clouds in the Coldest Brown Dwarfs: Fire Spectroscopy of Ross 458C”
- Burgasser, A.J., et al. 2011, *ApJ*, 735, 116, “Fire Spectroscopy of Five Late-Type T Dwarfs Discovered with the Wide-Field Infrared Survey Explorer”

- Caldwell, N., et al. 2011, AJ, 141, 61, “Star Clusters in M31. II. Old Cluster Metallicities and Ages from Hectospec Data”
- Camargo, J.I.B., et al. 2011, A&A, 532, A115, “The Influence of Radio-Extended Structures on Offsets between the Optical and VLBI Positions of Sources in the ICRF2”
- Cano, Z., et al. 2011, MNRAS, 413, 669, “A Tale of Two GRB-SNe at a Common Redshift of $z = 0.54$ ”
- Cappa, C.E., et al. 2011, MNRAS, 415, 2844, “A Multifrequency Study of the Active Star-Forming Complex NGC 6357—I. Interstellar Structures Linked to the Open Cluster Pis 24”
- Cargile, P.A., James, D.J., Jeffries, R.D. 2010, ApJ, 725, L111, “Identification of the Lithium Depletion Boundary and Age of the Southern Open Cluster Blanco 1”
- Carlson, L.R., et al. 2011, ApJ, 730, 78, “A Panchromatic View of NGC 602: Time-Resolved Star Formation with the Hubble and Spitzer Space Telescopes”
- Carraro, G., Costa, E., Ahumada, J.A. 2010, AJ, 140, 954, “Photometric Characterization of the Galactic Star Cluster Trumpler 20”
- Castanheira, B.G., et al. 2010, 17th European White Dwarf Workshop, eds. K. Werner and T. Raugh (AIP), 500, “Discovery of Twelve ZZ Ceti Stars”
- Castro, P.J., Gizis, J.E., Gagné, M. 2011, ApJ, 736, 67, “A Chandra Observation of the TW Hydrae Association Brown Dwarf 2MASSW J1139511–315921”
- Cenko, S.B., et al. 2011, ApJ, 732, 29, “Afterglow Observations of Fermi Large Area Telescope Gamma-ray Bursts and the Emerging Class of Hyper-Energetic Events”
- Chen, C.-H.R., et al. 2010, ApJ, 721, 1206, “Spitzer View of Young Massive Stars in the Large Magellanic Cloud H II Complexes. II. N 159”
- Chené, A.-N., St-Louis, N. 2011, ApJ, 736, 140, “A Systematic Search for Corotating Interaction Regions in Apparently Single Galactic Wolf-Rayet Stars. II. A Global View of the Wind Variability”
- Chené, A.-N., et al. 2011, ApJ, 735, 34, “WR 110: A Single Wolf-Rayet Star with Corotating Interaction Regions in Its Wind?”
- Christian, D.J., et al. 2011, ApJ, 738, 164, “The Search for Super-Saturation in Chromospheric Emission”
- Clem, J.L., Landolt, A.U., Hoard, D.W., Wachter, S. 2011, AJ, 141, 115, “Deep, Wide-Field CCD Photometry for the Open Cluster NGC 3532”
- Clocchiatti, A., Suntzeff, N.B., Covarrubias, R., Candia, P. 2011, AJ, 141, 163, “The Ultimate Light Curve of SN 1998bw/GRB 980425”
- Cody, A.M., Hillenbrand, L.A. 2010, ApJS, 191, 389, “Precision Photometric Monitoring of Very Low Mass σ Orionis Cluster Members: Variability and Rotation at a Few Myr”
- Cohen, R.E., Sarajedini, A., Kinemuchi, K., Leiton, R. 2011, ApJ, 727, 9 “The Unusual RR Lyrae Population of NGC 6101”

- Colbert, J.W., et al. 2011, *ApJ*, 728, 59, “Polycyclic Aromatic Hydrocarbon Emission within Ly α Blobs”
- Contreras, R., et al. 2010, *AJ*, 140, 1766, “Time-Series Photometry of Globular Clusters: M62 (NGC 6266), The Most RR Lyrae-Rich Globular Cluster in the Galaxy?”
- Crighton, N.H.M., et al. 2011, *MNRAS*, 414, 28, “The VLT LBG Redshift Survey—II. Interactions between Galaxies and the IGM at $z \sim 3$ ”
- Damen, M., et al. 2011, *ApJ*, 727, 1, “The Simple Survey: Observations, Reduction, and Catalog”
- David, L.P., et al. 2011, *ApJ*, 728, 162, “Active-Galactic-Nucleus-Driven Weather and Multiphase Gas in the Core of the NGC 5044 Galaxy Group”
- de Boer, T.J.L., ... Saha, A., Olsen, K., et al. 2011, *A&A*, 528, A119, “Deep Wide-Field Imaging Down to the Oldest Main Sequence Turn-Offs in the Sculptor Dwarf Spheroidal Galaxy”
- DeWitt, C., ... Blum, R., Olsen, K., et al. 2010, *ApJ*, 721, 1663, “Near-Infrared Counterparts of Chandra X-ray Sources toward the Galactic Center”
- Diaz, M.P., et al. 2010, *AJ*, 140, 1860, “The Spectral Evolution and Ejecta of Recurrent Nova U Sco in the 2010 Outburst”
- Donnarumma, I., et al. *ApJ*, 736, L30, “The Remarkable γ -Ray Activity in the Gravitationally Lensed Blazar PKS 1830-211”
- Donzelli, C.J., Muriel, H., Madrid, J.P. 2011, *ApJS*, 195, 15, “The Luminosity Profiles of Brightest Cluster Galaxies”
- Efremova, B.V., et al. 2011, *ApJ*, 730, 88, “The Recent Star Formation in NGC 6822: An Ultraviolet Study”
- Eisenstein, D.J., ... Cunha, K., ... Smith, V.V., et al. 2011, *AJ*, 142, 72, “SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way, and Extra-Solar Planetary Systems”
- Evans, C.J., et al. 2011, *A&A*, 530, A108, “The VLT-FLAMES Tarantula Survey. I. Introduction and Observational Overview”
- Exter, K., et al. 2010, *AJ*, 140, 1414, “The Exotic Eclipsing Nucleus of the Ring Planetary Nebula SuWt 2”
- Faherty, J.K., ... van der Bliek, N., et al., 2011, *AJ*, 141, 71, “Identification of a Wide, Low-Mass Multiple System Containing the Brown Dwarf 2MASS J0850359+105716”
- Findeisen, K., Hillenbrand, L., Soderblom, D. 2011, *AJ*, 142, 23, “Stellar Activity in the Broadband Ultraviolet”
- Fleming, S.W., et al. 2011, *AJ*, 142, 50, “Eclipsing Binary Science via the Merging of Transit and Doppler Exoplanet Survey Data—A Case Study with the Marvels Pilot Project and SuperWASP”
- Foley, R.J., et al. 2011, *ApJ*, 731, 86, “Discovery and Cosmological Implications of SPT-CL J2106-5844. The Most Massive Known Cluster at $z > 1$ ”
- Gallardo, J., et al. 2010, *A&A*, 522, A4, “Characterisation of Extrasolar Planetary Transit Candidates. II. The Companions to Late M-Type Stars”

- Geier, S., et al. 2011, *A&A*, 526, A39, “Massive Unseen Companions to Hot Faint Underluminous Stars from SDSS (MUCHFUSS). Analysis of Seven Close Subdwarf B Binaries”
- Geier, S., et al. 2011, *ApJ*, 731, L22, “Binaries Discovered by the MUCHFUSS Project: SDSS J08205+0008—an Eclipsing Subdwarf B Binary with a Brown Dwarf Companion”
- Georgantopoulos, I., et al. 2011, *A&A*, 526, A86, “X-ray Detected Infrared Excess AGN in the Chandra Deep Fields: A Moderate Fraction of Compton-Thick Sources”
- Georgantopoulos, I., Rovilos, E., Comastri, A. 2011, *A&A*, 526, A46, “X-ray Observations of Sub-mm LABOCA Galaxies in the eCDF5”
- Glikman, E., ... Dey, A., Jannuzi, B.T., et al. 2011, *ApJ*, 728, L26, “The Faint End of the Quasar Luminosity Function at $z \sim 4$: Implications for Ionization of the Intergalactic Medium and Cosmic Downsizing”
- Gralla, M.B., Gladders, M.D., Yee, H.K.C., Barrientos, L.F. 2011, *ApJ*, 734, 103, “Constraining the Redshift Evolution of First Radio Sources in RCS1 Galaxy Clusters”
- Guaita, L., et al. 2011, *ApJ*, 733, 114, “Ly α -Emitting Galaxies at $z = 2.1$: Stellar Masses, Dust and Star Formation Histories from Spectral Energy Distribution Fitting”
- Guenou, L., et al. 2010, *A&A*, 523, A21, “The DAFT/FADA Survey. I. Photometric Redshifts along Lines of Sight to Clusters in the $z = [0.4, 0.9]$ Interval”
- Hawley, S.A. 2011, *PASP*, 123, 44, “Spectrophotometry of Southern H II Regions and Strong-Line Diagnostics”
- Hebb, L., et al. 2011, *A&A*, 531, A61, “Precise Orbit Solution of MML 53, a Low-Mass, Pre-Main Sequence Eclipsing Binary in Upper Centaurus Lupus”
- Helton, L.A., et al. 2010, *AJ*, 140, 1347, “The Dusty Nova V1065 Centauri (Nova Cen 2007): A Spectroscopic Analysis of Abundances and Dust Properties”
- Henry, R.B.C., et al. 2010, *ApJ*, 724, 748, “Abundances of Galactic Anticenter Planetary Nebulae and the Oxygen Abundance Gradient in the Galactic Disk”
- Herbst, W., et al. 2010, *AJ*, 140, 2025, “The Light Curve of the Weakly Accreting T Tauri Binary KH 15D from 2005-2010: Insights into the Nature of its Protoplanetary Disk”
- High, F.W., ... Smith, R.C., et al. 2010, *ApJ*, 723, 1736, “Optical Redshift and Richness Estimates for Galaxy Clusters Selected with the Sunyaev-Zel’dovich Effect from 2008 South Pole Telescope Observations”
- Hourihane, A.P., Callanan, P.J., Cool, A.M., Reynolds, M.T. 2011, *MNRAS*, 414, 184, “Ground- and Space-Based Study of Two Globular Cluster Cataclysmic Variables: M22 CV1 and M5 V101”
- Hsieh, H.H., Meech, K.J., Pittichova, J. 2011, *ApJ*, 736, L18, “Main-Belt Comet 238P/Read Revisited”
- Hudson, M.J., et al. 2010, *MNRAS*, 409, 405, “Colours of Bulges and Discs within Galaxy Clusters and the Signature of Disc Fading on Infall”
- Humphreys, R.M., et al. 2011, *AJ*, 141, 131, “Mapping the Asymmetric Thick Disk. III. The Kinematics and Interaction with the Galactic Bar”

- Huynh, M.T., et al. 2010, *ApJ*, 723, 1110, “MIPS 24 μm Observations of the Hubble Deep Field South: Probing the IR-Radio Correlation of Galaxies at $z > 1$ ”
- Hwang, K.-H., et al. 2010, *ApJ*, 723, 797, “OGLE-2005-BLG-153: Microlensing Discovery and Characterization of a Very Low Mass Binary”
- Jacobson, H.R., Friel, E.D., Pilachowski, C.A. 2011, *AJ*, 141, 58, “A Chemical Abundance Study of Red Giants in Open Clusters NGC 2204 and NGC 2243”
- Jao, W.-C., ... Subasavage, J.P., et al. 2011, *AJ*, 141, 117, “The Solar Neighborhood. XXIV. Parallax Results from the CTIOPI 0.9 m Program: Stars with $\mu \geq 1.0 \text{ yr}^{-1}$ (Motion Sample) and Subdwarfs”
- Jeffery, E.J., et al. 2011, *ApJ*, 730, 35, “The White Dwarf Age of NGC 2477”
- Johnson, C.I., et al. 2011, *ApJ*, 732, 108, “Alpha Enhancement and the Metallicity Distribution Function of Plaut’s Window”
- Johnson, C.I., Pilachowski, C.A. 2010, *ApJ*, 722, 1373, “Chemical Abundances for 855 Giants in the Globular Cluster Omega Centauri (NGC 5139)”
- Jonker, P.G., et al. 2011, *ApJS*, 194, 18, “The Galactic Bulge Survey: Outline and X-ray Observations”
- Kane, S.R., et al. 2011, *ApJ*, 733, 28, “Improved Orbital Parameters and Transit Monitoring for HD 156846b”
- Kane, S.R., et al. 2011, *ApJ*, 737, 58, “Stellar Variability of the Exoplanet Hosting Star HD 63454”
- Kann, D.A., et al. 2011, *ApJ*, 734, 96, “The Afterglows of Swift-era Gamma-ray Bursts. II. Type I GRB versus Type II GRB Optical Afterglows”
- Kaviraj, S. 2010, *MNRAS*, 408, 170, “Recent Star Formation in Local, Morphologically Disturbed Spheroidal Galaxies on the Optical Red Sequence”
- Kaviraj, S., Tan, K.-M., Ellis, R.S., Silk, J. 2011, *MNRAS*, 411, 2148, “A Coincidence of Disturbed Morphology and Blue UV Colour: Minor-Merger-Driven Star Formation in Early-Type Galaxies at $z \sim 0.6$ ”
- Kennedy, C.R., et al. 2011, *AJ*, 141, 102, “[O/Fe] Estimates for Carbon—Enhanced Metal-Poor Stars from Near-Infrared Spectroscopy”
- Kim, H.J., et al. 2011, *ApJ*, 729, 84, “The Spitzer C2D Survey of Nearby Dense Cores. XI. Infrared and Submillimeter Observations of CB 130”
- Kim, J.-W., Edge, A.C., Wake, D.A., Stott, J.P. 2011, *MNRAS*, 410, 241, “Clustering Properties of High-Redshift Red Galaxies in SA22 from the UKIDSS Deep eXtragalactic Survey”
- Klimek, M.D., ... Points, S.D., Smith, R.C., et al. 2010, *ApJ*, 725, 2281, “An X-ray Investigation of Three Supernova Remnants in the Large Magellanic Cloud”
- Konstantopoulos, I.S., et al. 2010, *ApJ*, 723, 197, “Galaxy Evolution in a Complex Environment: A Multi-wavelength Study of HCG 7”

- Kovacevic, A.V., et al. 2011, MNRAS, 414, 860, “Planetary Nebulae towards the Galactic Bulge—I. [O III] Fluxes”
- Krisciunas, K., et al. 2011, AJ, 142, 74, “The Most Slowly Declining Type Ia Supernova 2001ay”
- Külebi, B., et al. 2010, A&A, 524, A36, “Constraints on the Origin of the Massive, Hot, and Rapidly Rotating Magnetic White Dwarf RE J 0317-853 from an HST Parallax Measurement”
- Kumar, M.S.N., et al. 2011, A&A, 533, A137, “H₂ Flows in the Corona Australis Cloud and Their Driving Sources”
- Kunder, A., ... Walker, A., ... de Propris, R., et al. 2011, AJ, 141, 15, “Period Change Similarities among the RR Lyrae Variables in Oosterhoff I and Oosterhoff II Globular Systems”
- Larsen, J.A., Cabanela, J.E., Humphreys, R.M. 2011, AJ, 141, 130, “Mapping the Asymmetric Thick Disk. II. Distance, Size, and Mass of the Hercules Thick Disk Cloud”
- Lebzelter, T., Wood, P.R. 2011, A&A, 529, A137, “Long Period Variables and Mass Loss in the Globular Clusters NGC 362 and NGC 2808”
- Lee, B.L., et al. 2011, ApJ, 728, 32, “MARVELS-1b: A Short-Period, Brown Dwarf Desert Candidate from the SDSS-III MARVELS Planet Search”
- Lee, J.C., et al. 2011, ApJS, 192, 6, “A GALEX Ultraviolet Imaging Survey of Galaxies in the Local Volume”
- Lee, J.C., et al. 2011, MNRAS, 414, 702, “Optical Spectral Classification of Southern Ultraluminous Infrared Galaxies”
- Li, Y., et al. 2010, ApJ, 725, 677, “Spitzer 70 μ m Emission as a Star Formation Rate Indicator for Sub-galactic Regions”
- Loh, E.D., et al. 2011, ApJS, 194, 30, “A Survey of Molecular Hydrogen in the Crab Nebula”
- Looper, D.L., et al. 2010, AJ, 140, 1486, “A Widely Separated, Highly Occluded Companion to the Nearby Low-Mass T Tauri Star TWA 30”
- Lopez, L.A., et al. 2011, ApJ, 731, 91, “What Drives the Expansion of Giant HII Regions?: A Study of Stellar Feedback in 30 Doradus”
- Maiorano, E., et al. 2011, MNRAS, 416, 531, “Searching for Active Galactic Nuclei among Unidentified INTEGRAL Sources”
- Maitra, D., et al. 2011, IAU Symp. 275, eds. G.E. Romero, R.A. Sunyaev, T. Belloni (IAU), 82, “Jets at Lowest Mass Accretion Rates”
- Maksym, W.P., Ulmer, M.P., Eracleous, M. 2010, ApJ, 722, 1035, “A Tidal Disruption Flare in A1689 from an Archival X-ray Survey of Galaxy Clusters”
- Martinez-Garcia, E.E., Gonzalez-Lopezlira, R.A. 2011, ApJ, 734, 122, “The Relation between Dynamics and Star Formation in Barred Galaxies”

- Mauerhan, J.C., Van Dyk, S.D., Morris, P.W. 2011, *AJ*, 142, 40, “Red Eyes on Wolf-Rayet Stars: 60 New Discoveries via Infrared Color Selection”
- Mauerhan, J.C., et al. 2010, *ApJ*, 725, 188, “Isolated Wolf-Rayet Stars and O Supergiants in the Galactic Center Region Identified via Paschen- α Excess”
- Meech, K.J., ... Lauer, T.R., et al. 2011, *Icarus*, 213, 323, “Deep Impact, Stardust-NExT and the Behavior of Comet 9P/Tempel 1 from 1997 to 2010”
- Meiring, J.D., et al. 2011, *MNRAS*, 410, 2516, “SOAR Imaging of Sub-damped Lyman α Systems at $z < 1$ ”
- Menanteau, F., et al. 2010, *ApJ*, 723, 1523, “The Atacama Cosmology Telescope: Physical Properties and Purity of a Galaxy Cluster Sample Selected via the Sunyaev-Zel’dovich Effect”
- Menanteau, F., et al. 2010, *ApJS*, 191, 340, “Southern Cosmology Survey. II. Massive Optically Selected Cluster from 70 Square Degrees on the Sunyaev-Zel’dovich Effect Common Survey Area”
- Mentuch, E., Abraham, R.G., Zibetti, S. 2010, *ApJ*, 725, 1971, “A Simple Connection between the Near- and Mid-Infrared Emission of Galaxies and Their Star Formation Rates”
- Metcalf, R.S., et al. 2010, *ApJ*, 723, L213, “Discovery of a 1.6 Year Magnetic Activity Cycle in the Exoplanet Host Star ι Horologii”
- Miyake, N., et al. 2011, *ApJ*, 728, 120, “A Sub-Saturn Mass Planet, MOA-2009-BLG-319Lb”
- Moisés, A.P., ... Blum, R.D., et al. 2011, *MNRAS*, 411, 705, “Spectrophotometric Distances to Galactic H II Regions”
- Moncelsi, L., et al. 2011, *ApJ*, 727, 83, “A Panchromatic Study of Blast Counterparts: Total Star Formation Rate, Morphology, Active Galactic Nucleus Fraction, and Stellar Mass”
- Moustakas, J., et al. 2010, *ApJS*, 190, 233, “Optical Spectroscopy and Nebular Oxygen Abundances of the Spitzer/SINGS Galaxies”
- Muñoz-Mateos, J.C., et al. 2011, *ApJ*, 731, 10, “Radial Distribution of Stars, Gas, and Dust in SINGS Galaxies. III. Modeling the Evolution of the Stellar Component in Galaxy Disks”
- Nidever, D.L., et al. 2011, *ApJ*, 733, L10, “Discovery of a Large Stellar Periphery Around the Small Magellanic Cloud”
- Norris, M.A., Kannappan, S.J. 2011, *MNRAS*, 414, 739, “The Ubiquity and Dual Nature of Ultra-compact Dwarfs”
- O’Dell, C.R., Ferland, G.J., Porter, R.L., van Hoof, P.A.M. 2011, *ApJ*, 733, 9, “Physical Conditions in Barnard’s Loop, Components of the Orion-Eridanus Bubble, and Implications for the Warm Ionized Medium Component of the Interstellar Medium”
- O’Dell, C.R., Harris, J.A. 2010, *AJ*, 140, 985, “Spectrophotometry of the Huygens Region of the Orion Nebula, the Extended Orion Nebula, and M43: Scattered Light Systematically Distorts Conditions. Derived from Emission Lines”

- Olsen, K.A.G., ... Blum, R.D., et al. 2011, *ApJ*, 737, 29, “A Population of Accreted Small Magellanic Cloud Stars in the Large Magellanic Cloud”
- Padilla, N., Christlein, D., Gawiser, E., Marchesini, D. 2011, *A&A*, 531, A142, “The Evolution of Early-Type Galaxies Selected by Their Spatial Clustering”
- Padilla, N.D., et al. 2010, *MNRAS*, 409, 184, “Clustering and Descendants of MUSYC Galaxies at $z < 1.5$ ”
- Palma, M.I., et al. 2011, *ApJ*, 735, 60, “Multiwavelength Observations of the Gamma-ray Blazar PKS 0528+134 in Quiescence”
- Pancoast, A., et al. 2010, *ApJ*, 723, 530, “Star Formation and Dust Obscuration in the Tidally Distorted Galaxy NGC 2442”
- Pandey, G., Lambert, D.L. 2011, *ApJ*, 727, 122, “Neon and CNO Abundances for Extreme Helium Stars—A Non-LTE Analysis”
- Parker, Q.A., et al. 2011, *MNRAS*, 413, 1835, “PHR 1315: A Bipolar Planetary Nebula in the Compact Hyades-Age Open Cluster ESO 96-SC04”
- Pellegrini, E.W., Baldwin, J.A., Ferland, G.J. 2010, *ApJS*, 191, 160, “Structure and Feedback in 30 Doradus. I. Observations”
- Pellegrini, E.W., Baldwin, J.A., Ferland, G.J. 2011, *ApJ*, 738, 34, “Structure and Feedback in 30 Doradus. II. Structure and Chemical Abundances”
- Piatti, A.E. 2011, *MNRAS*, 416, L89, “New Candidate Intermediate-Age Star Clusters in the Small Magellanic Cloud”
- Piatti, A.E., Claria, J.J., Ahumada, A.V. 2010, *MNRAS*, 408, 1147, “First CCD *UBVI* Photometric Analysis of Four Moderately Young Open Clusters in the Third Galactic Quadrant”
- Piatti, A.E., Claria, J.J., Parisi, M.C., Ahumada, A.V. 2011, *PASP*, 123, 519, “First Estimates of the Fundamental Parameters of Three Large Magellanic Cloud Clusters”
- Poznanski, D., Ganeshalingam, M., Silverman, J.M., Filippenko, A.V. 2011, *MNRAS*, 415, L81, “Low-Resolution Sodium D Absorption Is a Bad Proxy for Extinction”
- Rabinowitz, D., et al. 2011, *ApJ*, 732, 51, “Discovery and Characterization of an Extremely Deep-Eclipsing Cataclysmic Variable: LSQ 172554.8-643839”
- Randall, S.W., et al. 2011, *ApJ*, 726, 86, “Shocks and Cavities from Multiple Outbursts in the Galaxy Group NGC 5813: A Window to Active Galactic Nucleus Feedback”
- Ratti, E.M., et al. 2010, *MNRAS*, 408, 1866, “Chandra Localization and Optical/Near-Infrared Follow-up of Galactic X-ray Sources”
- Rawls, M.L., et al. 2011, *ApJ*, 730, 25, “Refined Neutron Star Mass Determinations for Six Eclipsing X-ray Pulsar Binaries”
- Rebull, L.M., ... Sherry, W.H., et al. 2011, *AJ*, 142, 25, “New Young Star Candidates in CG4 and Sa 101”

- Rest, A., ... Olsen, K., ... Matheson, T., ... Smith, R.C., ... Walker, A.R., et al. 2011, *ApJ*, 729, 88, “Pushing the Boundaries of Conventional Core-Collapse Supernovae: The Extremely Energetic Supernova SN 2003ma”
- Rest, A., et al. 2011, *ApJ*, 732, 2, “On the Interpretation of Supernova Light Echo Profiles and Spectra”
- Ribeiro, T., Baptista, R. 2011, *A&A*, 526, A150, “Near-Infrared SOAR Photometric Observations of Post Common Envelope Binaries”
- Riffel, R., et al. 2011, *MNRAS*, 410, 2714, “Near-Infrared Integrated Spectra of Galactic Globular Clusters: Testing Simple Stellar Population Models”
- Rodriguez, D.R., Zuckerman, B., Melis, C., Song, I. 2011, *ApJ*, 732, L29, “The Ultra Cool Brown Dwarf Companion of WD 0806-66 1B: Age, Mass, and Formation Mechanism”
- Roh, D.-G., et al. 2011, *ApJ*, 733, L45, “Two Distinct Red Giant Branches in the Globular Cluster NGC 288”
- Rossetto, B.M., et al. 2011, *AJ*, 141, 185, “The Dark Energy Survey: Prospects for Resolved Stellar Populations”
- Rubin, R.H., et al. 2011, *MNRAS*, 410, 1320, “Spitzer Reveals What Is Behind Orion’s Bar”
- Ruschel-Dutra, D., Riffel, R., Ducati, J.R., Pastoriza, M. 2011, *PASP*, 123, 1004, “The XDSpres CL-based Package for Reducing OSIRIS Cross-Dispersed Spectra”
- Rush, B.W., Wisniewski, J.P., Bjorkman, K. 2011, *AJ*, 142, 58, “Near-Contemporaneous Optical Spectroscopic and Infrared Photometric Observations of Candidate Herbig Ae/Be Stars in the Magellanic Clouds”
- Ryu, Y.-H., et al. 2010, *ApJ*, 723, 81, “OGLE-2009-BLG-092/MOA-2009-BLG-137: A Dramatic Repeating Event with the Second Perturbation Predicted by Real-Time Analysis”
- Sabby, J.A., Sandberg Lacy, C.H., Ibanoglu, C., Claret, A. 2011, *AJ*, 141, 195, “Absolute Properties of the Eccentric Eclipsing Binary Star FT Orionis”
- Saha, A., ... Olsen, K., Knezek, P., Harris, J., Smith, C., ... Rest, A., et al. 2010, *AJ*, 140, 1719, “First Results from the NOAO Survey of the Outer Limits of the Magellanic Clouds”
- Sayres, C., et al. 2010, 17th European White Dwarf Workshop, eds. K. Werner and T. Raugh (AIP), 180, “Multi-Survey and Statistical Methods for Cool White Dwarf Discovery”
- Scandariato, G., Robberto, M., Pagano, I., Hillenbrand, L.A. 2011, *A&A*, 533, A38, “The Extinction Map of the OMC-1 Molecular Cloud Behind the Orion Nebula”
- Schaefer, B.E., et al. 2010, *AJ*, 140, 925, “Discovery of the Predicted 2010 Eruption and Pre-Eruption Light Curve for Recurrent Nova U Scorpii”
- Sehgal, N., et al. 2011, *ApJ*, 732, 44, “The Atacama Cosmology Telescope: Cosmology from Galaxy Clusters Detected via the Sunyaev-Zel’dovich Effect”
- Shih, I.C., Charles, P.A., Cornelisse, R. 2011, *MNRAS*, 412, 120, “Correlated Optical/X-ray Long-Term Variability in LMXB 4U 1636-536”

- Shin, I.-G., et al. 2011, ApJ, 735, 85, “OGLE-2005-BLG-018: Characterization of Full Physical and Orbital Parameters of a Gravitational Binary Lens”
- Sinnott, B., et al. 2010, AJ, 140, 2101, “New *g'r'i'z'* Photometry of the NGC 5128 Globular Cluster System”
- Skemer, A.J., et al. 2011, ApJ, 732, 107, “Evidence Against an Edge-On Disk Around the Extrasolar Planet, 2MASS 1207 b and a New Thick-Cloud Explanation for Its Underluminosity”
- Skibba, R.A., et al. 2011, ApJ, 738, 89, “The Emission by Dust and Stars of Nearby Galaxies in the Herschel KINGFISH Survey”
- Skowron, J., et al. 2011, ApJ, 738, 87, “Binary Microlensing Event OGLE-2009-BLG-020 Gives Verifiable Mass, Distance, and Orbit Predictions”
- Stock, D.J., Barlow, M.J. 2010, MNRAS, 409, 1429, “A Search for Ejecta Nebulae Around Wolf-Rayet Stars Using the SHS H α Survey”
- Stritzinger, M., et al. 2010, AJ, 140, 2036, “The Distance to NGC 1316 (Fornax A) from Observations of Four Type Ia Supernovae”
- Thomson, M.G., Chary, R.R. 2011, ApJ, 731, 72, “Spectral Energy Distribution of $z \gtrsim 1$ Type Ia Supernova Hosts in GOODS: Constraints on Evolutionary Delay and the Initial Mass Function”
- Thöne, C.C., et al. 2010, A&A, 523, A70, “Photometry and Spectroscopy of GRB 060526: A Detailed Study of the Afterglow and Host Galaxy of a $z = 3.2$ Gamma-ray Burst”
- Tokovinin, A., ... van der Bliëk, N., et al. 2010, PASP, 122, 1483, “High-Resolution Imaging at the SOAR Telescope”
- Tokovinin, A. 2011, AJ, 141, 52, “Low-Mass Visual Companions to Nearby G-Dwarfs”
- Trakhtenbrot, B., Netzer, H., Lira, P., Shemmer, O. 2011, ApJ, 730, 7, “Black Hole Mass and Growth Rate at $z \approx 4.8$: A Short Episode of Fast Growth Followed by Short Duty Cycle Activity”
- Traulsen, I., et al. 2011, A&A, 529, A116, “XMM-Newton Observations of the X-ray Soft Polar QS Telescopii”
- Trilling, D.E., Fuentes, C.I., Holman, M.J. 2010, ApJ, 724, L22, “The Inclinations of Faint Trans-Neptunian Objects”
- Trippe, M.L., et al. 2010, ApJ, 725, 1749, “A Multi-Wavelength Study of the Nature of Type 1.8/1.9 Seyfert Galaxies”
- Troisi, F., ... Walker, A., et al. 2011, PASP, 123, 879, “On a New Parameter to Estimate the Helium Content in Old Stellar Systems”
- Vanderlinde, K., et al. 2010, ApJ, 722, 1180, “Galaxy Clusters Selected with the Sunyaev-Zel’dovich Effect from 2008 South Pole Telescope Observations”
- van Oers, P., et al. 2010, MNRAS, 409, 763, “Is the Plateau State in GRS 1915+105 Equivalent to Canonical Hard States?”

- Von Braun, K., ... Subasavage, J.P., et al. 2011, *ApJ*, 729, L26, “Astrophysical Parameters and Habitable Zone of the Exoplanet Hosting Star GI 581”
- Wahhaj, Z., ... Allen, L., et al. 2010, *ApJ*, 724, 835, “The Spitzer c2d Survey of Weak-Line T Tauri Stars. III. The Transition from Primordial Disks to Debris Disks”
- Walker, A.R., ... Kunder, A.M., ... de Propris, R., et al. 2011, *MNRAS*, 415, 643, “Constraints on the Formation of the Globular Cluster IC 4499 from Multiwavelength Photometry”
- Walker, L.M., et al. 2010, *AJ*, 140, 1254, “Mid-Infrared Evidence for Accelerated Evolution in Compact Group Galaxies”
- Warren, S.R., et al. 2011, *ApJ*, 738, 10, “The Formation of Kiloparsec-Scale H I Holes in Dwarf Galaxies”
- Werner, N., et al. 2011, *MNRAS*, 415, 3369, “Violent Interaction between the Active Galactic Nucleus and the Hot Gas in the Core of the Galaxy Cluster Sérsic 159-03”
- White, T.R., et al. 2011, *MNRAS*, 415, 1638, “Variability in Mode Amplitudes in Rapidly Oscillating Ap Star HR 1217”
- Williams, S.J., et al. 2011, *AJ*, 142, 5, “ASAS Light Curves of Intermediate-Mass Eclipsing Binary Stars and the Parameters of HI Mon”
- Williamson, R., et al. 2011, *ApJ*, 738, 139, “A Sunyaev-Zel’dovich-Selected Sample of the Most Massive Galaxy Clusters in the 2500 deg² South Pole Telescope Survey”
- Winters, J.G., ... Subasavage, J.P., et al. 2011, *AJ*, 141, 21, “The Solar Neighborhood. XXIII. CCD Photometry Distance Estimates of SCR Targets—77 M Dwarf Systems within 25 pc”
- Wong, K.C., et al. 2011, *ApJ*, 726, 84, “The Effect of Environment on Shear in Strong Gravitational Lenses”
- Woodley, K.A., Harris, W.E. 2011, *AJ*, 141, 27, “Possible Subgroups of Globular Clusters and Planetary Nebulae in NGC 5128”
- Wuyts, E., et al. 2010, *ApJ*, 724, 1182, “A Bright, Spatially Extended Lensed Galaxy at $z = 1.7$ behind the Cluster RCS2 032727-132623”
- Yang, Y., et al. 2011, *ApJ*, 735, 87, “Gas Kinematics in Ly α Nebulae”
- Zenteno, A., ... Smith, R.C., et al. 2011, *ApJ*, 734, 3, “A Multiband Study of the Galaxy Populations of the First Four Sunyaev-Zel’dovich Effect Selected Galaxy Clusters”
- Zhao, J.K., et al. 2011, *AJ*, 141, 107, “The Chromospheric Activity, Age, Metallicity, and Space Motions of 36 Wide Binaries”
- Zub, M., et al. 2011, *A&A*, 525, A15, “Limb-Darkening Measurements for a Cool Red Giant in Microlensing Event OGLE 2004-BLG-482”