C NOAO SCIENTIFIC STAFF PUBLICATIONS

NOAO Scientific Staff were authors and/or editors on a total of 181 publications in FY13.[7]

Abt, H.A. 2012, AJ, 144, 91, "Scientific Efficiency of Ground-Based Telescopes"

Abt, H.A. 2013, HAD Newsletter, 82, 11, "Stories about Astronomers"

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Abt, H.A. 2013, Physics Today, 66, 11, "An Abundance of Challenges in Journal Editing"

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Antonik, M.L., … **Walker, A.R.** 2013, MNRAS, 431, 3291, "The Impact of Camera Optical Alignments on Weak Lensing Measures for the Dark Energy Survey"

Aoki, W., **Beers, T.C.**, et al. 2013, AJ, 145, 13, "High-Resolution Spectroscopy of Extremely Metal-Poor Stars from SDSS/SEGUE. I. Atmospheric Parameters and Chemical Compositions"

Baines, E.K., … **Ridgway, S.T.**, et al. 2012, ApJ, 761, 57, "The CHARA Array Angular Diameter of HR 8799 Favors Planetary Masses for Its Imaged Companions"

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Barclay, T., … **Everett, M.**, et al. 2013, Nature, 494, 452, "A Sub-Mercury-Sized Exoplanet"

[7] **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

Barro, G., … **Kartaltepe, J.S.**, et al. 2013, ApJ, 765, 104, "CANDELS: The Progenitors of Compact Quiescent Galaxies at z ~ 2"

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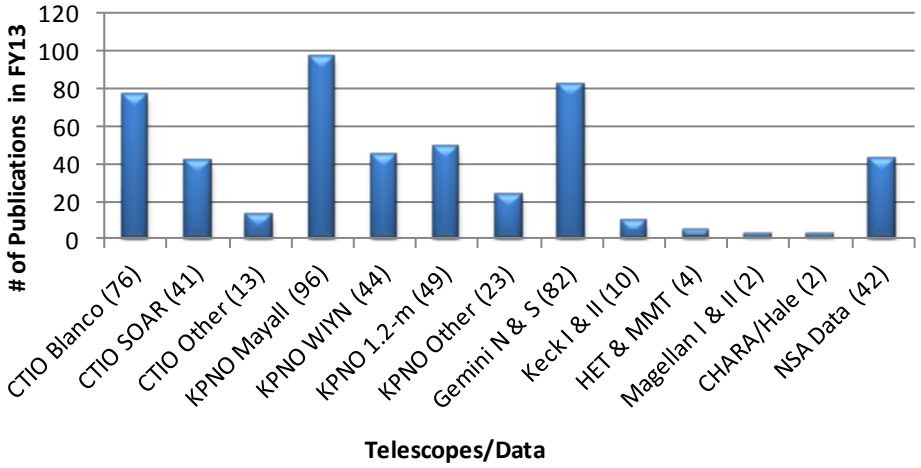
D PUBLICATIONS USING DATA FROM NOAO TELESCOPES & ARCHIVES



D.1 TELESCOPES AT CERRO TOLOLO INTER-AMERICAN OBSERVATORY

During FY13 (Oct. 2012–Sept. 2013), 122 publications used data taken at the CTIO telescopes (includes the Blanco, SOAR[8], and others) for which NOAO allocates observing time:

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D.2 TELESCOPES AT KITT PEAK NATIONAL OBSERVATORY

During FY13 (Oct. 2012–Sept. 2013), 185 publications used data taken at the KPNO telescopes (includes the Mayall, WIYN[9], 1.2-m, and others) for which NOAO allocates observing time:

Abia, C., Palmerini, S., Busso, M., Cristallo, S. 2012, A&A, 548, A55, "Carbon and Oxygen Isotopic Ratios in Arcturus and Aldebaran. Constraining the Parameters for Non-convective Mixing on the Red Giant Branch"

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Alexeeva, S.A., et al. 2013, Astrophysical Bulletin, 68, 169, "Orbital and Physical Parameters of the Spectroscopic Binary HD37737"

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Andersen, D.R., Bershady, M.A. 2013, ApJ, 768, 41, "The Photometric and Kinematic Structure of Face-On Disk Galaxies. III. Kinematic Inclinations from Hα Velocity Fields"

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Aravena, M., et al. 2012, MNRAS, 426, 258, "Deep Observations of CO Line Emission from Star-Forming Galaxies in a Cluster Candidate at z = 1.5"

Assef, R.J., et al. 2013, ApJ, 772, 26, "Mid-infrared Selection of Active Galactic Nuclei with the Wide-Field Infrared Survey Explorer. II. Properties of WISE-Selected Active Galactic Nuclei in the NDWFS Boötes Field"

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Schechtman-Rook, A., Bershady, M.A. 2013, ApJ, 773, 45, "Near-Infrared Detection of a Super-Thin Disk in NGC 891"

Schmidt, E.G. 2013, AJ, 146, 61, "Type II Cepheid Candidates. IV. Objects from the Northern Sky Variability Survey"

Schmidt, S.J., Thorman, P. 2013, MNRAS, 431, 2766, "Improved Photometric Redshifts via Enhanced Estimates of System Response, Galaxy Templates and Magnitude Priors"

Schombert, J., McGaugh, S., Maciel, T. 2013, AJ, 146, 41, "Stellar Populations and the Star Formation Histories of Low Surface Brightness Galaxies. II. H II Regions"

Scoville, N., et al. 2013, ApJS, 206, 3, "Evolution of Galaxies and Their Environments at z = 0.1–3 in COSMOS"

Shara, M.M., et al. 2012, ApJ, 758, 121, "AT Cnc: A Second Dwarf Nova with a Classical Nova Shell"

Sheffield, A.A., … **Cunha, K.**, **Smith, V.V.**, et al. 2012, ApJ, 761, 161, "Identifying Contributions to the Stellar Halo from Accreted, Kicked-Out, and In Situ Populations"

Shetrone, M.D., et al. 2013, AJ, 145, 123, "Carbon Abundances for Red Giants in the Draco Dwarf Spheroidal Galaxy"

Shim, H., et al. 2013, ApJS, 207, 37, "Hectospec and Hydra Spectra of Infrared Luminous Sources in the AKARI North Ecliptic Pole Survey Field"

Shipley, H.V., … **Dey, A.**, et al. 2013, ApJ, 769, 75, "Spitzer Spectroscopy of Infrared-Luminous Galaxies: Diagnostics of Active Galactic Nuclei and Star Formation and Contribution to Total Infrared Luminosity"

Skillman, E.D., et al. 2013, AJ, 146, 3, "ALFALFA Discovery of the Nearby Gas-Rich Dwarf Galaxy Leo P. III. An Extremely Metal Deficient Galaxy"

Smith, V.V., **Cunha, K.**, et al. 2013, ApJ, 765, 16, "Chemical Abundances in Field Red Giants from High-Resolution H-Band Spectra Using the APOGEE Spectral Linelist"

Stefanon, M., et al. 2013, ApJ, 768, 92, "What Are the Progenitors of Compact, Massive, Quiescent Galaxies at $z = 2.3$? The Population of Massive Galaxies at $z > 3$ from NMBS and CANDELS"

Stocke, J.T., et al. 2013, ApJ, 763, 148, "Characterizing the Circumgalactic Medium of Nearby Galaxies with HST/COS and HST/STIS Absorption-Line Spectroscopy"

Strassmeier, K.G., Weber, M., Granzer, T., Järvinen, S. 2012, AN, 333, 663, "Rotation, Activity, and Lithium Abundance in Cool Binary Stars"

Sun, W., et al. 2012, ApJ, 760, 61, "Giant H II Regions in M101. I. X-ray Analysis of Hot Gas"

Tabatabaei, F.S., et al. 2013, A&A, 552, A19, "A Detailed Study of the Radio-FIR Correlation in NGC 6946 with Herschel-PACS/SPIRE from KINGFISH"

Tal, T., et al. 2013, ApJ, 769, 31, "Galaxy Environments over Cosmic Time: The Non-evolving Radial Galaxy Distributions around Massive Galaxies since $z = 1.6$"

Urata, Y., et al. 2012, ApJ, 760, L11, "Unusual Long and Luminous Optical Transient in the Subaru Deep Field"

Usher, C., et al. 2012, MNRAS, 426, 1475, "The SLUGGS Survey: Calcium Triplet-Based Spectroscopic Metallicities for Over 900 Globular Clusters"

Veilleux, S., et al. 2013, ApJ, 764, 15, "The Surprising Absence of Absorption in the Far-Ultraviolet Spectrum of Mrk 231"

Veljanoski, J., et al.2013, ApJ, 768, L33, "Kinematics of Outer Halo Globular Clusters in M31"

Watson, D.F., Conroy, C. 2013, ApJ, 772, 139, "The Strikingly Similar Relation between Satellite and Central Galaxies and Their Dark Matter Halos since $z = 2$"

Weiss, L.M., … **Everett, M.E.**, et al. 2013, ApJ, 768, 14, "The Mass of KOI-94d and a Relation for Planet Radius, Mass, and Incident Flux"

Westmoquette, M.S., Smith, L.J., Gallagher, J.S., Walter, F. 2013, MNRAS, 428, 1743, "Spatially Resolved Kinematics of the Multi-Phase Interstellar Medium in the Inner Disc of M82"

Wiesner, M.P., et al. 2012, ApJ, 761, 1, "The Sloan Bright Arcs Survey: Ten Strong Gravitational Lensing Clusters and Evidence of Overconcentration"

Williams, K.A., et al. 2013, AJ, 145, 129, "Time-Resolved Spectroscopy of the Polar EU Cancri in the Open Cluster Messier 67"

Williams, S.J., et al. 2013, AJ, 145, 29, "Radial Velocities of Galactic O-Type Stars. II. Single-Lined Spectroscopic Binaries"

Williams, W.L., Intema, H.T., Röttgering, H.J.A. 2013, A&A, 549, A55, "T-RaMiSu: The Two-Meter Radio Mini Survey. I. The Boötes Field"

Wofford, A., Leitherer, C., Salzer, J. 2013, ApJ, 765, 118, "Lyα Escape from z ~ 0.03 Star-Forming Galaxies: The Dominant Role of Outflows"

Wolfe, A., Sion, E.M., Bond, H.E. 2013, AJ, 145, 168, "Far-Ultraviolet Spectroscopy of the Nova-Like Variable KQ Monocerotis: A New SW Sextantis Star?"

Wright, E.L., et al. 2013, AJ, 145, 84, "A T8.5 Brown Dwarf Member of the ξ Ursae Majoris System"

Yang, S.-C., et al. 2013, ApJ, 762, 3, "WIYN Open Cluster Study LII: Wide-Field CCD Photometry of the Old Open Cluster NGC 6819"

Ybarra, J.E., et al. 2013, ApJ, 769, 140, "The Progression of Star Formation in the Rosette Molecular Cloud"

Young, M.D., Dowell, J.L., Rhode, K.L. 2012, AJ, 144, 103, "Globular Cluster Systems of Spiral and S0 Galaxies: Results from WIYN Imaging of NGC 1023, NGC 1055, NGC 7332, and NGC 7339"

Zaninoni, E., et al. 2013, A&A, 557, A12, "Gamma-ray Burst Optical Light-Curve Zoo: Comparison with X-ray Observations"

D.3 GEMINI TELESCOPES (NOAO SYSTEM SCIENCE CENTER)

During FY13 (Oct. 2012–Sept. 2013), 82 publications used data taken at the Gemini telescopes:

Ade, P.A.R., et al. 2013, A&A, 550, A130, "Planck Intermediate Results IV. The XMM-Newton Validation Programme for New Planck Galaxy Clusters"

Alexander, D.M., et al. 2013, ApJ, 773, 125, "The NuSTAR Extragalactic Survey: A First Sensitive Look at the High-Energy Cosmic X-ray Background Population"

Alves de Oliveira, C., et al. 2013, A&A, 549, A123, "Spectroscopy of Brown Dwarf Candidates in IC 348 and the Determination of Its Substellar IMF Down to Planetary Masses"

Barentine, J.C., Lacy, J.H. 2012, ApJ, 757, 111, "A Comparative Astrochemical Study of the High-Mass Protostellar Objects NGC 7538 IRS 9 and IRS 1"

Benson, B.A., et al. 2013, ApJ, 763, 147, "Cosmological Constraints from Sunyaev-Zel'dovich-Selected Clusters with X-ray Observations in the First 178 Square Degrees of the South Pole Telescope Survey"

Bian, F., … **Dey, A.**, et al. 2012, ApJ, 757, 139, "An Ultraviolet Ultra-luminous Lyman Break Galaxy at z = 2.78 in NDWFS Boötes Field"

Brittain, S.D., **Najita, J.R.**, et al. 2013, ApJ, 767, 159, "High-Resolution Near-Infrared Spectroscopy of HD 100546. II. Analysis of Variable Rovibrational CO Emission Lines"

Childress, M., et al. 2013, ApJ, 770, 107, "Host Galaxies of Type Ia Supernovae from the Nearby Supernova Factory"

Childress, M., et al. 2013, ApJ, 770, 108, "Host Galaxy Properties and Hubble Residuals of Type Ia Supernovae from the Nearby Supernova Factory"

Chornock, R., et al. 2013, ApJ, 774, 26, "GRB 130606A as a Probe of the Intergalactic Medium and the Interstellar Medium in a Star-Forming Galaxy in the First Gyr after the Big Bang"

Chornock, R., et al. 2013, ApJ, 767, 162, "PS1-10afx at z = 1.388: Pan-Starrs1 Discovery of a New Type of Superluminous Supernova"

Correia, S., et al. 2013, A&A, 557, A63, "Stellar and Circumstellar Properties of Visual Binaries in the Orion Nebula Cluster"

Cucchiara, A., et al. 2013, ApJ, 773, 82, "An Independent Measurement of the Incidence of Mg II Absorbers along Gamma-ray Burst Sight Lines: The End of the Mystery?"

De Lorenzi, F., et al. 2013, MNRAS, 429, 2974, "Three-Integral Multicomponent Dynamical Models and Simulations of the Nuclear Star Cluster in NGC 4244"

Donaldson, J.K., et al. 2013, ApJ, 772, 17, "Modeling the HD 32297 Debris Disk with Far-Infrared Herschel Data"

Dupree, A.K., Avrett, E.H. 2013, ApJ, 773, L28, "Direct Evaluation of the Helium Abundances in Omega Centauri"

Elliott, J., et al. 2013, A&A, 556, A23, "The Low-Extinction Afterglow in the Solar-Metallicity Host Galaxy of γ-ray Burst 110918A"

Faloon, A.J., et al. 2013, ApJ, 768, 104, "The Structure of the Merging RCS 231953+00 Supercluster at z ~ 0.9"

Fong, W., et al. 2013, ApJ, 769, 56, "Demographics of the Galaxies Hosting Short-Duration Gamma-ray Bursts"

Ginski, C., et al. 2013, MNRAS, 434, 671, "Orbital Motion of the Binary Brown Dwarf Companions HD 130948 BC around Their Host Star"

Gladders, M.D., et al. 2013, ApJ, 764, 177, "SGAS 143845.1+145407: A Big, Cool Starburst at Redshift 0.816"

González-Martín, O., et al. 2013, A&A, 553, A35, "Mid-Infrared T-Recs/Gemini Spectra Using the New RedCan Pipeline"

Grier, C.J., et al. 2013, ApJ, 773, 90, "Stellar Velocity Dispersion Measurements in High-Luminosity Quasar Hosts and Implications for the AGN Black Hole Mass Scale"

Hartoog, O.E., et al. 2013, MNRAS, 430, 2739, "The Host-Galaxy Response to the Afterglow of GRB 100901A"

Hennawi, J.F., Prochaska, J.X. 2013, ApJ, 766, 58, "Quasars Probing Quasars. IV. Joint Constraints on the Circumgalactic Medium from Absorption and Emission"

Hermes, J.J., et al. 2012, ApJ, 757, L21, "Rapid Orbital Decay in the 12.75-Minute Binary White Dwarf J0651+2844"

Hinkle, K.H., Fekel, F.C., **Joyce, R.R.**, Wood, P. 2013, ApJ, 770, 28, "Infrared Spectroscopy of Symbiotic Stars. IX. D-Type Symbiotic Novae"

Howell, S.B., Horch, E.P., **Everett, M.E.**, Ciardi, D.R. 2012, PASP, 124, 1124, "Speckle Camera Imaging of the Planet Pluto"

Hsiao, E.Y., et al. 2013, ApJ, 766, 72, "The Earliest Near-Infrared Time-Series Spectroscopy of a Type Ia Supernova"

Hurley, D.J., Callanan, P.J., Elebert, P., Reynolds, M.T. 2013, MNRAS, 430, 1832, "The Mass of the Black Hole in GRS 195+105: New Constraints from Infrared Spectroscopy"

Indriolo, N., et al. 2012, ApJ, 758, 83, "Chemical Analysis of a Diffuse Cloud along a Line of Sight toward W51: Molecular Fraction and Cosmic-Ray Ionization Rate"

Janson, M., et al. 2013, ApJ, 773, 73, "The Seeds Direct Imaging Survey for Planets and Scattered Dust Emission in Debris Disk Systems"

Janson, M., et al. 2013, ApJ, 773, 170, "A Multiplicity Census of Intermediate-Mass Stars in Scorpius-Centaurus"

Janson, M., et al. 2012, ApJ, 758, L2, "New Brown Dwarf Companions to Young Stars in Scorpius-Centaurus"

Jin, Z., et al. 2013, ApJ, 774, 114, "GRB 081007 and GRB 090424: The Surrounding Medium, Outflows, and Supernovae"

Jonker, P.G., Torres, M.A.P., Steeghs, D., Chakrabarty, D. 2013, MNRAS, 429, 523, "Chandra X-ray and Gemini Near-Infrared Observations of the Eclipsing Millisecond Pulsar SWIFT J1749.4-2807 in Quiescence"

Jørgensen, I., Chiboucas, K. 2013, AJ, 145, 77, "Stellar Populations and Evolution of Early-Type Cluster Galaxies: Constraints from Optical Imaging and Spectroscopy of z = 0.5–0.9 Galaxy Clusters"

Khargharia, J., Froning, C.S., Robinson, E.L., Gelino, D.M. 2013, AJ, 145, 21, "The Mass of the Black Hole in XTE J1118+480"

Kraus, S., et al. 2013, ApJ, 768, 80, "Resolving the Gap and AU-Scale Asymmetries in the Pre-transitional Disk of V1247 Orionis"

Kruger, A.J., … **Najita, J.R.**, et al. 2012, ApJ, 760, 88, "Gas and Dust Absorption in the DoAr 24E System"

Kruger, A.J., … **Najita, J.R.**, et al. 2013, ApJ, 764, 127, "The Curious Case of Glass I: High Ionization and Variability of Different Types"

Kuncarayakti, H., et al. 2013, AJ, 146, 30, "Integral Field Spectroscopy of Supernova Explosion Sites: Constraining the Mass and Metallicity of the Progenitors. I. Type Ib and Ic Supernovae"

Kuncarayakti, H., et al. 2013, AJ, 146, 31, "Integral Field Spectroscopy of Supernova Explosion Sites: Constraining the Mass and Metallicity of the Progenitors. II. Type II-P and II-L Supernovae"

Leggett, S.K., et al. 2013, ApJ, 763, 130, "A Comparison of Near-Infrared Photometry and Spectra for Y Dwarfs with a New Generation of Cool Cloudy Models"

Li, D., Telesco, C.M., Wright, C.M. 2012, ApJ, 759, 81, "The Mineralogy and Structure of the Inner Debris Disk of β Pectoris"

Li, J.-Y., et al. 2013, Icarus, 222, 559, "Photometric Properties of the Nucleus of Comet 103P/Hartley 2"

Lidman, C., et al. 2013, MNRAS, 433, 825, "The Importance of Major Mergers in the Build Up of Stellar Mass in Brightest Cluster Galaxies at z = 1"

Liskowsky, J.P., … **Najita, J.R.**, et al. 2012, ApJ, 760, 153, "High-Resolution Near-Infrared Spectroscopy of HD 100546. I. Analysis of Asymmetric Ro-vibrational OH Emission Lines"

Liu, G., et al. 2013, MNRAS, 430, 2327, "Observations of Feedback from Radio-Quiet Quasars—I. Extents and Morphologies of Ionized Gas Nebulae"

Lunnan, R., et al. 2013, ApJ, 771, 97, "PS1-10bzj: A Fast, Hydrogen-Poor Superluminous Supernova in a Metal-Poor Host Galaxy"

MacLeod, C.L., Jones, R., Agol, E., Kochanek, C.S. 2013, ApJ, 773, 35, "Detection of Substructure in the Gravitationally Lensed Quasar MG0414+0534 Using Mid-Infrared and Radio VLBI Observations"

Mattila, S., et al. 2013, MNRAS, 431, 2050, "Supernovae and Radio Transients in M82"

Mazzali, P.A., et al. 2013, MNRAS, 432, 2463, "The Very Energetic, Broad-Lined Type Ic Supernova 2010ah (PTF10bzf) in the Context of GRB/SNe"

de Mello, D.F., et al. 2012, MNRAS, 426, 2441, "Star Formation in H I Tails: HCG 92, HCG 100 and Six Interacting Systems"

Menanteau, F., et al. 2013, ApJ, 765, 67, "The Atacama Cosmology Telescope: Physical Properties of Sunyaev-Zel'dovich Effect Clusters on the Celestial Equator"

Miyatake, H., et al. 2013, MNRAS, 429, 3627, "Subaru Weak Lensing Measurement of a z = 0.81 Cluster Discovered by the Atacama Cosmology Telescope Survey"

Mok, A., et al. 2013, MNRAS, 431, 1090, "Efficient Satellite Quenching at z ~ 1 from the GEEC2 Spectroscopic Survey of Galaxy Groups"

Nicuesa Guelbenzu, A., et al. 2012, A&A, 548, A101, "Multi-color Observations of Short GRB Afterglows: 20 Events Observed between 2007 and 2010"

Noble, A.G., et al. 2013, ApJ, 768, 118, "A Kinematic Approach to Assessing Environmental Effects: Star-Forming Galaxies in a z ~ 0.9 SpARCS Cluster Using Spitzer 24 μm Observations"

Ofek, E.O., et al. 2013, Nature, 494, 65, "An Outburst from a Massive Star 40 Days before a Supernova Explosion"

Perley, D.A., et al. 2012, ApJ, 758, 122, "The Luminous Infrared Host Galaxy of Short-Duration GRB 100206A"

Piatti, A.E. 2013, MNRAS, 430, 2358, "A New Extended Main-Sequence Turnoff Star Cluster in the Large Magellanic Cloud"

Placco, V.M., … **Beers, T.C.**, et al. 2013, ApJ, 770, 104, "Metal-Poor Stars Observed with the Magellan Telescope. I. Constraints on Progenitor Mass and Metallicity of AGB Stars Undergoing *s*-process Nucleosynthesis"

Prochaska, J.X., Hennawi, J.F., Simcoe, R.A. 2013, ApJ, 762, L19, "A Substantial Mass of Cool, Metal-Enriched Gas Surrounding the Progenitors of Modern-Day Ellipticals"

Rawle, T.D., Lucey, J.R., Smith, R.J., Head, J.T.C.G. 2013, MNRAS, 433, 2667, "S0 Galaxies in the Coma Cluster: Environmental Dependence of the S0 Offset from the Tully-Fisher Relation"

Reichardt, C.L., et al. 2013, ApJ, 763, 127, "Galaxy Clusters Discovered via the Sunyaez-Zel'dovich Effect in the First 720 Square Degrees of the South Pole Telescope Survey"

Rhode, K.L. 2012, AJ, 144, 154, "Exploring the Correlations between Globular Cluster Populations and Supermassive Black Holes in Giant Galaxies"

Riffel, R.A., Storchi-Bermann, T., Winge, C. 2013, MNRAS, 430, 2249, "Feeding versus Feedback in AGNs from Near-Infrared IFU Observations: The Case of Mrk 79"

Rupke, D.S.N., Veilleux, S. 2013, ApJ, 768, 75, "The Multiphase Structure and Power Sources of Galactic Winds in Major Mergers"

Schlieder, J.E., Lépine, S., Simon, M. 2012, AJ, 144, 109, "Likely Members of the β Pictoris and AB Doradus Moving Groups in the North"

Schulze, S., et al. 2012, A&A, 546, A20, "Galaxy Counterparts of Intervening High-z Sub-DLAs/DLAs and Mg II Absorbers towards Gamma-ray Bursts"

Sifón, C., et al. 2013, ApJ, 772, 25, "The Atacama Cosmology Telescope: Dynamical Masses and Scaling Relations for a Sample of Massive Sunyaev-Zel'Dovich Effect Selected Galaxy Clusters"

Sinnott, B., et al. 2013, ApJ, 767, 45, "Asymmetry in the Outburst of SN 1987A Detected Using Light Echo Spectroscopy"

Smith, N. 2013, MNRAS, 429, 2366, "A Model for the 19th Century Eruption of Eta Carinea: CSM Interaction Like a Scaled-Down Type IIn Supernova"

Smith, N., et al. 2013, MNRAS, 429, 1324, "The Ring Nebula around the Blue Supergiant SBW1: Pre-explosion Snapshot of an SN 1987A Twin"

Song, J., et al. 2012, ApJ, 761, 22, "Redshifts, Sample Purity, and BCG Positions for the Galaxy Cluster Catalog from the First 720 Square Degrees of the South Pole Telescope Survey"

Starling, R.L.C., et al. 2013, MNRAS, 431, 3159, "X-ray Absorption Evolution in Gamma-ray Bursts: Intergalactic Medium or Evolutionary Signature of Their Host Galaxies"

Tanvir, N.R., et al. 2013, Nature, 500, 547, "A 'Kilonova' Associated with the Short-Duration γ-ray Burst GRB 130603B"

Tobin, J.J., et al. 2013, ApJ, 771, 48, "Modeling the Resolved Disk around the Class 0 Protostar L1527"

van der Burg, R.F.J., et al. 2013, A&A, 557, A15, "The Environmental Dependence of the Stellar Mass Function at z ~ 1. Comparing Cluster and Field between the GCLASS and UltraVISTA Surveys"

Wang, Z., et al. 2013, ApJ, 765, 151, "Multiband Studies of the Optical Periodic Modulation in the X-ray Binary SAX J1808.4-3658 during Its Quiescence and 2008 Outburst"

Zauderer, B.A., et al. 2013, ApJ, 767, 161, "Illuminating the Darkest Gamma-ray Bursts with Radio Observations"

D.4 W. M. KECK OBSERVATORY: KECK I AND II

During FY13 (Oct. 2012–Sept. 2013), 10 publications used data taken at Keck telescopes as a result of available community-access time:

Bonev, B.P., et al. 2013, Icarus, 222, 740, "Evidence for Two Modes of Water Release in Comet 103P/Hartley 2: Distributions of Column Density, Rotational Temperature, and Ortho-para Ratio"

Cooke, R., et al. 2013, MNRAS, 431, 1625, "The Explosion Energy of Early Stellar Populations: The Fe-Peak Element Ratios in Low-Metallicity Damped Lyα Systems"

Dello Russo, N., et al. 2013, Icarus, 222, 707, "A High-Resolution Infrared Spectral Survey of 103P/Hartley 2 on the Night of the EPOXI Closest Approach"

Harrison, T.E., Campbell, R.D., Lyke, J.E. 2013, AJ, 146, 37, "Phase-Resolved Infrared Spectroscopy and Photometry of V1500 Cygni, and a Search for Similar Old Classical Novae"

Hennawi, J.F., Prochaska, J.X. 2013, ApJ, 766, 58, "Quasars Probing Quasars. IV. Joint Constraints on the Circumgalactic Medium from Absorption and Emission"

Kawakita, H., et al. 2013, Icarus, 222, 723, "Parent Volatiles in Comet 103P/Hartley 2 Observed by Keck II with NIRSPEC during the 2010 Apparition"

Mohanty, S., Stassun, K.G. 2012, ApJ, 758, 12, "High-Resolution Spectroscopy during Eclipse of the Young Substellar Eclipsing Binary 2MASS 0535-0546. II. Secondary Spectrum: No Evidence that Spots Cause the Temperature Reversal"

Ruíz-Rodríguez, D., et al. 2013, AJ, 145, 162, "RX J0513.1+0851 and RX J0539.9+0956: Two Young, Rapidly Rotating Spectroscopic Binary Stars"

Simon, M., et al. 2013, ApJ, 773, 28, "Masses and Distance of the Young Binary NTTS 045251+3016"

Torres, G., et al. 2013, ApJ, 773, 40, "The Quadruple Pre-main-sequence System LkCa 3: Implications for Stellar Evolution Models"

D.5 HET AND MMT

During FY13 (Oct. 2012–Sept. 2013), 4 publications used data taken at the HET or MMT telescopes as a result of available community-access time:

Curtis, J.L., et al. 2013, AJ, 145, 134, "Ruprecht 147: The Oldest Nearby Open Cluster as a New Benchmark for Stellar Astrophysics"

Honeycutt, R.K., Kafka, S., Robertson, J.W. 2013, AJ, 145, 45, "Wind Variability in BZ Camelopardalis"

Jacobson, H.R., Friel, E.D. 2013, AJ, 145, 107, "Zirconium, Barium, Lanthanum, and Europium Abundances in Open Clusters"

Neugent, K.F., Massey, P., Georgy, C. 2012, ApJ, 759, 11, "The Wolf-Rayet Content of M31"

D.6 MAGELLAN I AND II

During FY13 (Oct. 2012–Sept. 2013), 2 publications used data taken at the Magellan telescopes as a result of available community-access time:

Lehner, N., et al. 2013, ApJ, 770, 138, "The Bimodal Metallicity Distribution of the Cool Circumgalactic Medium at $z \lesssim 1$"

Zheng, Z.-Y., et al. 2013, MNRAS, 431, 3589, "Lyα Luminosity Functions at Redshift $z \approx 4.5$"

D.7 CHARA AND HALE

During FY13 (Oct. 2012–Sept. 2013), 2 publications used data taken at the CHARA or Hale telescopes as a result of available community-access time:

Baines, E.K., … Ridgway, S.T., et al. 2013, ApJ, 772, 16, "Characterization of the Red Giant HR 2582 Using the CHARA Array"

Howell, S.B., **Everett, M.E.**, et al. 2013, AJ, 145, 109, "Spectroscopy of New and Poorly Known Cataclysmic Variables in the Kepler Field"

D.8 NOAO SCIENCE ARCHIVE

During FY13 (Oct. 2012–Sept. 2013), 42 publications used data stored in the NOAO Science Archive:

Assef, R.J., et al. 2013, ApJ, 772, 26, "Mid-infrared Selection of Active Galactic Nuclei with the Wide-Field Infrared Survey Explorer. II. Properties of WISE-Selected Active Galactic Nuclei in the NDWFS Boötes Field"

Bally, J., Walawender, J., Reipurth, B. 2012, AJ, 144, 143, "Deep Imaging Surveys of Star-Forming Clouds. V. New Herbig-Haro Shocks and Giant Outflows in Taurus"

Benson, B.A., et al. 2013, ApJ, 763, 147, "Cosmological Constraints from Sunyaev-Zel'dovich-Selected Clusters with X-ray Observations in the First 178 Square Degrees of the South Pole Telescope Survey"

Bezanson, R., et al. 2013, ApJ, 764, L8, "Massive and Newly Dead: Discovery of a Significant Population of Galaxies with High-Velocity Dispersions and Strong Balmer Lines at z ~ 1.5 from Deep Keck Spectra and HST/WFC3 Imaging"

Bezanson, R., van Dokkum, P., Franx, M. 2012, ApJ, 760, 62, "Evolution of Quiescent and Star-Forming Galaxies since z ~ 1.5 as a Function of Their Velocity Dispersions"

Bian, F., … Dey, A., et al. 2012, ApJ, 757, 139, "An Ultraviolet Ultra-luminous Lyman Break Galaxy at z = 2.78 in NDWFS Boötes Field"

Bian, F., … Dey, A., et al. 2013, ApJ, 774, 28, "The LBT Boötes Field Survey. I. The Rest-Frame Ultraviolet and Near-Infrared Luminosity Functions and Clustering of Bright Lyman Break Galaxies at z ~ 3"

Bock, J., et al. 2013, ApJS, 207, 32, "The Cosmic Infrared Background Experiment (CIBER): The Wide-Field Imagers"

Bouy, H., et al. 2013, A&A, 554, A101, "Dynamical Analysis of Nearby Clusters. Automated Astrometry from the Ground: Precision Proper Motions over a Wide Field"

Brammer, G.B., et al. 2013, ApJ, 765, L2, "A Tentative Detection of an Emission Line at 1.6 μm for the z ~ 12 Candidate UDFj-39546284"

Chen, C.-T.J., … Dey, A., … Jannuzi, B.T., et al. 2013, ApJ, 773, 3, "A Correlation between Star Formation Rate and Average Black Hole Accretion in Star-Forming Galaxies"

Choi, A., et al. 2012, ApJ, 759, 101, "Galaxy-Mass Correlations on 10 Mpc Scales in the Deep Lens Survey"

Croft, S., Bower, G.C., Whysong, D. 2013, ApJ, 762, 93, "The Allen Telescope Array Pi GHz Sky Survey. III. The ELAIS-N1, Coma, and Lockman Hole Fields"

Crowther, P.A. 2013, MNRAS, 428, 1927, "On the Association between Core-Collapse Supernovae and H II Regions"

Dawson, W.A. 2013, ApJ, 772, 131, "The Dynamics of Merging Clusters: A Monte Carlo Solution Applied to the Bullet and Musket Ball Clusters"

Elson, E.C., de Blok, W.J.G., Kraan-Korteweg, R.C. 2013, MNRAS, 429, 2550, "H I Synthesis Observations of the Blue Compact Dwarf NGC 1705"

Foyle, K., et al. 2013, MNRAS, 432, 2182, "Star Formation and Dust Heating in the FIR Bright Sources of M83"

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