



FY16 NOAO Publication Lists

Kitt Peak National Observatory (KPNO) Telescope Data Publications

Notes

- Names of NOAO scientific and technical staff are in boldface.
- The ADS bibcodes are live links to the relevant ADS records.
- Publications using data from NOAO telescopes may have come from time not allocated by the NOAO TAC.

KPNO Coude Feed

- Dirks, C., Meyer, D.M. 2016, 819, 45, Temporal Variability of Interstellar Na I Absorption toward the Monoceros Loop, [2016ApJ...819...45D](#)
KPNO Coude Feed +Coude Feed Spectrograph
- Du, P., et al. 2016, ApJ, 820, 27, Supermassive Black Holes with High Accretion Rates in Active Galactic Nuclei. VI. Velocity- Resolved Reverberation Mapping of the H β Line, [2016ApJ...820...27D](#)
KPNO Coude Feed; Indo-US Library of Coude Feed Stellar Spectra; Science Data Archive at NOAO
- Fekel, F. C., Henry, G. W., Pourbaix, D. 2016, AJ, 151, 26, The Spectroscopic Orbits of Five γ Doradus Stars, [2016AJ...151...26F](#)
KPNO Coude Feed +Coude Feed Spectrograph
- Mathys, G., et al. 2016, A&A, 586, A85, HD 18078: A very slowly rotating Ap star with an unusual magnetic field structure, [2016A&A...586A..85M](#)
KPNO Coude Feed +Coude Feed Spectrograph
- Peters, G. J., Wang, L., Gies, D. R., Grundstrom, E. D., 2016, ApJ, 828, 47, The Hot Companion and Circumbinary Disk of the Be Star HR 2142, [2016ApJ...828...47P](#)
KPNO Coude Feed
- Schlieder, J .E., et al. 2016, ApJ, 818, 1, The LEECH Exoplanet Imaging Survey: Orbit and Component Masses of the Intermediate-age, Late-type Binary NO UMa, [2016ApJ...818...1S](#)
KPNO Coude Feed
- Willmarth, D. W., Fekel, F. C., Abt, H. A., Pourbaix, D. 2016, AJ, 152, 46, Spectroscopic Orbits for 15 Late-type Stars, [2016AJ...152...46W](#)
KPNO Coude Feed +Coude Feed Spectrograph

KPNO 0.9m

- Bond, H.E., et al. 2016, MNRAS, 826, 139, The Nucleus of the Planetary Nebula EGB 6 as a Post-Mira Binary, [2016ApJ...826..139B](#)
KPNO 0.9m; SMARTS 1.5m +RC Spectrograph

- Donati, P., et al. 2015, MNRAS, 453, 4185, Photometric and spectroscopic study of the intermediate-age open cluster NGC 2355, [2015MNRAS.453.4185D](#)
KPNO 0.9m; KPNO 4m
- Edwards, L. O., et al. 2016, MNRAS, 461, 230, Stellar populations of BCGs, close companions and intracluster light in Abell 85, Abell 2457 and IIZw108, [2016MNRAS.461.230E](#)
KPNO 4m +Mosaic; KPNO 0.9m +Mosaic; WIYN 3.5m +SparsePak; CTIO 4m +Mosaic, +Hydra; Survey Programs; Fundamental Plane Survey; Science Data Archive at NOAO
- Hermelo, I., et al. 2016, A&A, 590, 56, Millimeter and submillimeter excess emission in M 33 revealed by Planck and LABOCA, [2016A&A...590A..56H](#)
KPNO 0.9m
- Kenyon, S. J., Garcia, M. R. 2016, AJ, 152, 1, EG Andromedae: A New Orbit and Additional Evidence for a Photoionized Wind, [2016AJ....152....1K](#)
KPNO 0.9m
- Madrid, J. P., Donzelli, C. J. 2016, ApJ, 819, 50, The Abell 85 BCG: A Nucleated, Coreless Galaxy, [2016ApJ...819...50M](#)
KPNO 0.9m
- Watson, L. C., Martini, P., Lisenfeld, U., Böker, T., Schinnerer, E. 2016, MNRAS, 455, 1807, Testing the Molecular-Hydrogen Kennicutt-Schmidt Law in the low-density environments of extended ultraviolet disc galaxies, [2016MNRAS.455.1807W](#)
KPNO 0.9m +Tek 2K CCD

KPNO 2.1m

- Alberts, S., ... **Dey, A.**, et al. 2016, ApJ, 825, Star Formation and AGN Activity in Galaxy Clusters from $z=1-2$: a Multi-Wavelength Analysis Featuring Herschel/PACS, [2016ApJ...825...72A](#)
KPNO 4m +Mosaic; KPNO 2.1m +SQIID; Survey Programs: NDWFS; Science Data Archive at NOAO
- Bidaran, B., Mirtorabi, M. T., Azizi, F. 2016, MNRAS, 457, 2043, A new titanium oxide index in the visual band, [2016MNRAS.457.2043B](#)
KPNO 2.1m; Science Data Archive at NOAO
- Eastman, J. D., et al. 2016, AJ, 151, 45, KELT-4Ab: An Inflated Hot Jupiter Transiting the Bright ($V \sim 10$) Component of a Hierarchical Triple, [2016AJ....151...45E](#)
KPNO 2.1m +EXPERT
- Gizis, J. E., et al. 2015, ApJ, 813, 104, Kepler Monitoring of an L Dwarf. II. Clouds with Multi-year Lifetimes, [2015ApJ...813..104G](#)
KPNO 2.1m +CCD; NOAO Prop. ID 2013B-0340
- Huxor, A. P., Grebel, E. K. 2015, MNRAS, 453, 2653, Tracing the tidal streams of the Sagittarius dSph, and halo Milky Way features, with carbon-rich long-period variables, [2015MNRAS.453.2653H](#)
KPNO 4m; KPNO 2.1m; CTIO 4m
- Johns-Krull, C. M., et al. 2016, ApJ, 826, A Candidate Young Massive Planet in Orbit around the Classical T Tauri Star CI Tau, [2016ApJ...826..206J](#)
KPNO 4m +Phoenix; KPNO 2.1m +Phoenix
- Kasuga, T., Jewitt, D. 2015, AJ, 150, 152, Physical Observations of (196256) 2003 EH1, Presumed Parent of the Quadrantid Meteoroid Stream, [2015AJ....150..152K](#)
KPNO 2.1m +STA3
- Kim, S. J., et al. 2015, 454, 1573, Mid-infrared luminosity function of local star-forming galaxies in the North Ecliptic Pole-Wide survey field of AKARI, [2015MNRAS.454.1573K](#)
WIYN 3.5m +Hydra; KPNO 2.1m +FLAMINGOS
- Kollatschny, W., et al. 2016, A&A, 585, 18, The peculiar optical-UV X-ray spectra of the X-ray weak quasar PG 0043 +039, [2016A&A...585A..18K](#)
KPNO 2.1m +Gold spectrograph

- Koss, M., et al. 2016, ApJ, 824, 4, NuSTAR Resolves the First Dual AGN above 10 keV in SWIFT J2028.5+2543, [2016ApJ...824L...4K](#)
KPNO 2.1m +T1KA, +T2KA, and +T2KB CCDs
- Laha, S., Keenan, F. P., Ferland, G. J., Ramsbottom, C. A., Aggarwal, K. M. 2016, ApJ, 825, 28, Ultraviolet Emission Lines of Si ii in Quasars: Investigating the "Si ii Disaster," [2016ApJ...825...28L](#)
KPNO 2.1m
- Liu, J., Eracleous, M., Halpern, J. P. 2016, ApJ, 817, 42, A Radial Velocity Test for Supermassive Black Hole Binaries as an Explanation for Broad, Double-Peaked Emission Lines in Active Galactic Nuclei, [2016ApJ...817...42L](#)
KPNO 2.1m; SMARTS 1.5m; CTIO 4m
- Madau, P., Haardt, F. 2015, ApJ, 813, 8, Cosmic Reionization after Planck: Could Quasars Do It All?, [2015ApJ...813L...8M](#)
KPNO 4m +Mosaic; KPNO 2.1m +SQIID, +FLAMINGOS; CTIO 4m +Mosaic; Survey Programs: NDWFS; Science Data Archive at NOAO
- Mao, J., Kim, M. 2016, ApJ, 828, On the Evolution of High-redshift Active Galactic Nuclei, [2016ApJ...828...96M](#)
KPNO 4m +Mosaic; KPNO 2.1m; CTIO 4m +Mosaic; Survey Programs: Deep Lens Survey, NDWFS; Science Data Archive at NOAO
- McQuinn, K. B. W., et al. 2015, 812, 158, Leo P: An Unquenched Very Low-mass Galaxy, [2015ApJ...812..158M](#)
WIYN 3.5m; KPNO 2.1m
- Polishook, D., et al. 2016, Icar, 267, 243, A 2 km-size asteroid challenging the rubble-pile spin barrier - A case for cohesion, [2016Icar..267..243P](#)
KPNO 4m +MOSA; KPNO 2.1m +STA3; SMARTS 1.3m
- Shipley, H. V., Papovich, C., Rieke, G. H., Brown, M. J. I., Moustakas, J. 2016, ApJ, 818, 60, A New Star Formation Rate Calibration from Polycyclic Aromatic Hydrocarbon Emission Features and Application to High-redshift Galaxies, [2016ApJ...818...60S](#)
KPNO 4m +Mosaic; KPNO 2.1m +SQIID, +FLAMINGOS; CTIO 4m +Mosaic; Survey Programs: NDWFS; Science Data Archive at NOAO
- Sun, L., et al. 2016, ApJ, 818, 64, Keck/ESI Long-slit Spectroscopy of SBS 1421 +511: A Recoiling Quasar Nucleus in an Active Galaxy Pair? [2016ApJ...818...64S](#)
KPNO 2.1m
- Thacker, C., et al. 2015, ApJ, 811, 125, Cross-correlation of Near- and Far-infrared Background Anisotropies as Traced by Spitzer and Herschel, [2015ApJ...811..125T](#)
KPNO 4m +Mosaic; KPNO 2.1m +SQIID, +FLAMINGOS; CTIO4m +Mosaic; Survey Programs: NDWFS; Science Data Archive at NOAO
- Van Sistine, A., et al. 2016, ApJ, 824, 25, The ALFALFA H α Survey. I. Project Description and The Local Star-formation Rate Density from the Fall Sample, [2016ApJ...824...25V](#)
WIYN 0.9m; KPNO 2.1m; Survey Program: Making Hay with ALFALFA
- Weedman, D., Sargsyan, L. 2016, ApJ, 828, Dusty Quasars at High Redshifts, [2016ApJ...828...43W](#)
KPNO 4m +Mosaic; KPNO 2.1m +SQIID; Survey Programs: NDWFS; Science Data Archive at NOAO

KPNO 4m (Mayall)

- Álvarez Crespo, N., et al. 2016, AJ, 151, 32, Optical Spectroscopic Observations of Gamma-ray Blazar Candidates. V. TNG, KPNO, and OAN Observations of Blazar Candidates of Uncertain Type in the Northern Hemisphere, [2016AJ...151...32A](#)
KPNO 4m
- Alberts, S., ... **Dey, A.**, et al. 2016, ApJ, 825, 72, Star Formation and AGN Activity in Galaxy Clusters from z=1-2: a Multi-Wavelength Analysis Featuring Herschel/PACS, [2016ApJ...825...72A](#)
KPNO 4m +Mosaic; KPNO 2.1m +SQIID; Survey Programs: NMBS; Science Data Archive at NOAO

- Allen, R. J., et al. 2016, ApJ, 826, 60, Differences in the Structural Properties and Star-formation Rates of Field and Cluster Galaxies at $z \sim 1$, [2016ApJ...826...60A](#)
KPNO 4m +Mosaic; Survey Programs: NDWFS; Science Data Archive at NOAO
- Amiri, N., Darling, J. 2016, ApJ, 826, 136, Water Masers in the Andromeda Galaxy. II. Where Do Masers Arise?, [2016ApJ...826..136A](#)
KPNO 4m +Mosaic; Survey Programs: LGGS; Science Data Archive at NOAO
- Bally, J. 2016, ARA&A, 54, 491, Protostellar Outflows, [2016ARA%26A..54..491B](#)
KPNO 4m
- Baran, A. S., et al. 2016, A&A, 585, 66, A subsynchronously rotating pulsating subdwarf B star in a short-period binary with a white dwarf companion, [2016A%26A...585A..66B](#)
KPNO 4m +RC Spectrograph
- Bard, D., Kratochvil, J. M., Dawson, W. 2016, ApJ, 819, 158, Masked Areas in Shear Peak Statistics: A Forward Modeling Approach [2016ApJ...819..158B](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic; Survey Programs: Deep Lens Survey; Science Data Archive at NOAO
- Beare, R., Brown, M. J. I., Pimblet, K., Bian, F., Lin, Y.-T. 2015, ApJ, 815, The $z > 1.2$ Optical Luminosity Function from a Sample of 410,000 Galaxies in Boötes, [2015ApJ...815...94B](#)
KPNO 4m +NEWFIRM; KPNO 4m +Mosaic; Science Data Archive at NOAO
- Bielby, R. M., et al. 2016, MNRAS, 456, 4061, The VLT LBG redshift survey - V. Characterizing the $z = 3.1$ Lyman α emitter population, [2016MNRAS.456.4061B](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic
- Brown, W. R., Gianninas, A., Kilic, M., Kenyon, S. J., Allende Prieto, C. 2016, ApJ, 818, 155, The ELM Survey. VII. Orbital Properties of Low-Mass White Dwarf Binaries, [2016ApJ...818..155B](#)
KPNO 4m +KOSMOS
- Caldú-Primo, A., Schruha, A. 2016, AJ, 151, 34, Molecular Gas Velocity Dispersions in the Andromeda Galaxy, [2016AJ....151...34C](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic; Survey Programs: LGGS; Science Data Archive at NOAO
- Capozzi, D., et al. 2016, MNRAS, 456, 830, 790, Revisiting the role of the thermally pulsating asymptotic-giant-branch phase in high- redshift galaxies, [2016MNRAS.456..790C](#)
KPNO 4m +NEWFIRM; CTIO 4m +Mosaic; Survey Programs: NMBS; Science Data Archive at NOAO
- Chan, J. C. C., et al. 2016, MNRAS, 458, 3181, Sizes, colour gradients and resolved stellar mass distributions for the massive cluster galaxies in XMMUJ2235-2557 at $z = 1.39$, [2016MNRAS.458.3181C](#)
KPNO 4m +Mosaic; Survey Programs: NMBS; Science Data Archive at NOAO
- Dey, A., ... Inami, H., Hong, S.,** et al. 2016, ApJ, 823, 11, Spectroscopic Confirmation of a Protocluster at $z \approx 3.786$, [2016ApJ...823...11D](#)
KPNO 4m +Mosaic; Survey Programs: NDWFS; Science Data Archive at NOAO; NOAO Prop. IDs 2012A-0454 and 2014A-0164 (PI: K. Lee) and 2014B-0626 (PI: A. Dey)
- Donati, P., et al. 2015, MNRAS, 453, 4185, Photometric and spectroscopic study of the intermediate-age open cluster NGC 2355, [2015MNRAS.453.4185D](#)
KPNO 0.9m; KPNO 4m
- Edwards, L. O. et al. 2016, MNRAS, 461, 230, Stellar populations of BCGs, close companions and intracluster light in Abell 85, Abell 2457 and IIZw108, [2016MNRAS.461..230E](#)
KPNO 4m +Mosaic; KPNO 0.9m +Mosaic; WIYN 3.5m +SparsePak; CTIO 4m +Mosaic, +Hydra; Survey Programs; Fundamental Plane Survey; Science Data Archive at NOAO
- Efremov, Y. N., Moiseev, A. V. 2016, MNRAS, 461, 2993, Imaging and spectroscopic observations of a strange elliptical bubble in the northern arm of the spiral galaxy NGC 6946, [2016MNRAS.461.2993E](#)
KPNO 4m +Mosaic
- Esposito, P., et al. 2016, MNRAS, 457, L5, EXTraS discovery of an 1.2-s X ray pulsar in M 31, [2016MNRAS.457L...5E](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic; Survey Programs: LGGS; Science Data Archive at NOAO

- Evans, K. A., Massey, P. 2015, AJ, 150, 149, A Runaway Red Supergiant in M31, [2015AJ...150..149E](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic; Survey Programs: LGGs; Science Data Archive at NOAO
- Finkelstein, K. D., ... **Dey, A.**, et al. . 2015, ApJ, 813, 78, Probing the Physical Properties of $z = 4.5$ Lyman Alpha Emitters with Spitzer, [2015ApJ...813...78F](#)
KPNO 4m +Mosaic
- García Pérez, A. E., et al. 2016, AJ, 151, 144, ASPCAP: The APOGEE Stellar Parameter and Chemical Abundances Pipeline, [2016AJ...151..144G](#)
KPNO 4m +Mosaic
- Gianninas, A., Kilic, M., Brown, W. R., Canton, P., Kenyon, S. J. 2015, ApJ, 812, 167, The ELM Survey. VI. Eleven New Double Degenerates, [2015ApJ...812..167G](#)
KPNO 4m +RC Spectrograph, +KOSMOS: Community-Access Time on Non-NOAO Telescopes: Hale +Double Spec; NOAO Prop. ID 2012A-0055, 2012B-0114, 2013A-0276, 2013B-0130, 2014A-0189, and 2015A-0082)
- Gordon, M. S., Humphreys, R. M., Jones, T. J. 2016, ApJ, 825, 50, Luminous and Variable Stars in M31 and M33. III. The Yellow and Red Supergiants and Post-red Supergiant Evolution, [2016ApJ...825...50G](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic; Survey Programs: LGGs; Science Data Archive at NOAO
- Gozaliasl, G., et al. 2016, MNRAS, 458, 2762, Brightest group galaxies: stellar mass and star formation rate (paper I), [2016MNRAS.458.2762G](#)
KPNO 4m +NEWFIRM; Survey Programs: NMBS; Science Data Archive at NOAO
- Grasshorn Gebhardt, H. S., et al. 2016, ApJ, 817, 10, Young, Star-forming Galaxies and Their Local Counterparts: The Evolving Relationship of Mass-SFR-Metallicity Since $z \sim 2.1$, [2016ApJ...817...10G](#)
KPNO 4m +NEWFIRM; Survey Programs: NMBS; Science Data Archive at NOAO
- Guo, Z., Gies, D. R., Matson, R. A., García Hernández, A. 2016, ApJ, 826, 69, Kepler Eclipsing Binaries with Delta Scuti/Gamma Doradus Pulsating Components I: KIC 9851944, [2016ApJ...826...69G](#)
KPNO 4m +RC Spectrograph
- Hamren, K., et al. 2016, ApJ, 828, 15, Carbon Stars in the Satellites and Halo of M31, [2016ApJ...828...15H](#)
KPNO 4m +Mosaic
- Hartkopf, W. I., Mason, B. D. 2015, AJ, 150, 136, Speckle Interferometry at the U.S. Naval Observatory. XX, [2015AJ...150..136H](#)
KPNO 4m; CTIO 4m
- Hathi, N. P., et al. 2016, A&A, 588, A26, The VIMOS Ultra Deep Survey: Ly α emission and stellar populations of star-forming galaxies at $2 < z < 2.5$, [2016A%26A...588A..26H](#)
KPNO 4m +NEWFIRM; Survey Programs: NMBS; Science Data Archive at NOAO
- Heinze, A. N., Metchev, S., Trollo, J. 2015, AJ, 150, 125, Digital Tracking Observations Can Discover Asteroids 10 Times Fainter Than Conventional Searches, [2015AJ...150..125H](#)
KPNO 4m; WIYN 0.9m
- Henze, M., et al. 2015, A&A, 582, A8, A remarkable recurrent nova in M 31: The 2010 eruption recovered and evidence of a six-month period, [2015A%26A...582L...8H](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic; Survey Programs: LGGs; Science Data Archive at NOAO
- Hinkle, K. H.**, Lebzelter, T., Straniero, O. 2016, ApJ, 825, 38, Carbon and Oxygen Isotopic Ratios for Nearby Miras, [2016ApJ...825...38H](#)
KPNO 4m +FTS
- Hirschauer, A. S., et al. 2016, ApJ, 822, 108, ALFALFA Discovery of the Most Metal-poor Gas-rich Galaxy Known: AGC 198691, [2016ApJ...822..108H](#)
KPNO 4m +KOSMOS; WIYN 0.9m
- Howell, S. B., ... Everett, M. E., Silva, D. R., et al. 2016, AJ, 151, 43, Variability of Kepler Solar-like Stars Harboring Small Exoplanets, [2016AJ...151...43H](#)
KPNO 4m +RC Spectrograph
- Huxor, A. P., Grebel, E. K. 2015, MNRAS, 453, 2653, Tracing the tidal streams of the Sagittarius dSph, and halo Milky Way features, with carbon-rich long-period variables, [2015MNRAS.453.2653H](#)
KPNO 4m; KPNO 2.1m; CTIO 4m

- Ibata, R. A., Lewis, G. F., Martin, N. F. 2016, ApJ, 819, 1, Feeling the Pull: a Study of Natural Galactic Accelerometers. I. Photometry of the Delicate Stellar Stream of the Palomar 5 Globular Cluster, [2016ApJ...819....1I](#)
KPNO 4m +Mosaic
- Jee, M. J., et al. 2016, ApJ, 824, 77, Cosmic Shear Results from the Deep Lens Survey. II. Full Cosmological Parameter Constraints from Tomography, [2016ApJ...824...77J](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic; Survey Programs: Deep Lens Survey; Science Data Archive at NOAO
- Jimmy, Tran, K.-V., Saintonge, A., Accurso, G., Brough, S., Oliva- Altamirano, P. 2015, ApJ, 812, 98, The Gas Phase Mass Metallicity Relation for Dwarf Galaxies: Dependence on Star Formation Rate and H I Gas Mass, [2015ApJ...812...98J](#)
KPNO 4m; WIYN 3.5m
- Johns-Krull, C. M., et al. 2016, ApJ, 826, A Candidate Young Massive Planet in Orbit around the Classical T Tauri Star CI Tau, [2016ApJ...826..206J](#)
KPNO 4m +Phoenix; KPNO 2.1m +Phoenix
- Johnston, R., et al. 2015, MNRAS, 453, 2557, The evolving relation between star formation rate and stellar mass in the VIDEO survey since $z = 3$, [2015MNRAS.453.2540J](#)
KPNO 4m +NEWFIRM; Survey Programs: NMBS; Science Data Archive at NOAO
- Jose, J., et al. 2016, ApJ, 822, 49, Star Formation in W3—AFGL 333: Young Stellar Content, Properties, and Roles of External Feedback, [2016ApJ...822...49J](#)
KPNO 4m +NEWFIRM
- Kim, B., et al. 2016, ApJS, 222, Spectroscopic Survey of G and K Dwarfs in the Hipparcos Catalog. I. Comparison between the Hipparcos and Photometric Parallaxes, [2016ApJS..222...19K](#)
KPNO 4m +Echelle spectrograph
- Kirk, B., et al. 2016, AJ, 151, 68, Kepler Eclipsing Binary Stars. VII. The Catalog of Eclipsing Binaries Found in the Entire Kepler Data Set, [2016AJ....151...68K](#)
KPNO 4m +Echelle spectrograph; NOAO Prop. ID 2011A-0022 (PI: A. Prsa)
- Konno, A., et al. 2016, ApJ, 823, 20, Bright and Faint Ends of Ly α Luminosity Functions at $z = 2$ Determined by the Subaru Survey: Implications for AGNs, Magnification Bias, and ISM H I Evolution, [2016ApJ...823...20K](#)
KPNO 4m +Mosaic
- Ly, C., et al. 2016, ApJS, 226, 5, The Metal Abundances across Cosmic Time (MACT) Survey. I. Optical Spectroscopy in the Subaru Deep Field, [2016ApJS..226....5L](#)
KPNO 4m +Mosaic, +NEWFIRM
- Ly, C., Malkan, M. A., Rigby, J. R., Nagao, T. 2016, ApJ, 828, 67, The Metal Abundances across Cosmic Time (MACT) Survey. II. Evolution of the Mass-metallicity Relation over 8 Billion Years, Using [OIII] λ 4363AA-based Metallicities, [2016ApJ...828...67L](#)
KPNO 4m +Mosaic, +NEWFIRM
- Madau, P., Haardt, F. 2015, ApJ, 813, 8, Cosmic Reionization after Planck: Could Quasars Do It All?, [2015ApJ...813L...8M](#)
KPNO 4m +Mosaic; KPNO 2.1m +SQIID, +FLAMINGOS; CTIO4m +Mosaic; Survey Programs: NDWFS; Science Data Archive at NOAO
- Mao, J., Kim, M. 2016, ApJ, 828, On the Evolution of High-redshift Active Galactic Nuclei, [2016ApJ...828...96M](#)
KPNO 4m +Mosaic; KPNO 2.1m; CTIO 4m +Mosaic; Survey Programs: Deep Lens Survey, NDWFS; Science Data Archive at NOAO
- Marinello, M., Rodríguez-Ardila, A., Garcia-Rissmann, A., Sigut, T. A. A., Pradhan, A. K. 2016, ApJ, 820, The Fe II Emission in Active Galactic Nuclei: Excitation Mechanisms and Location of the Emitting Region, [2016ApJ...820..116M](#)
KPNO 4m
- Massey, P., Evans, K. A. 2016, ApJ, 826, The Red Supergiant Content of M31*, [2016ApJ...826..224M](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic; Survey Programs: LGGS; Science Data Archive at NOAO

- Massey, P., Neugent, K. F., Smart, B. M. 2016, AJ, 152, A Spectroscopic Survey of Massive Stars in M31 and M33, [2016AJ....152...62M](#)
KPNO 4m +Mosaic; CTIO 4m +Mosaic; Survey Programs: LGGS; Science Data Archive at NOAO
- Matson, R. A., Gies, D. R., Guo, Z., Orosz, J. A. 2016, AJ, 151, 139, Fundamental Parameters of Kepler Eclipsing Binaries. I. KIC 5738698, [2016AJ....151..139M](#)
KPNO 4m +RC Spectrograph
- Meng, H. Y. A., et al. 2016, ApJ, 823, 58, Photo-reverberation Mapping of a Protoplanetary Accretion Disk around a T Tauri Star, [2016ApJ...823...58M](#)
KPNO 4m +FLAMINGOS
- Milliman, K. E., Leiner, E., Mathieu, R. D., Tofflemire, B. M., Platais, I. 2016, AJ, 151, 152, WIYN Open Cluster Study. LXXI. Spectroscopic Membership and Orbits of NGC 6791 Sub- subgiants, [2016AJ....151..152M](#)
KPNO 4m; WIYN 3.5m +Hydra
- Morrison, H. L., et al. 2016, AJ, 151, Globular and Open Clusters Observed by SDSS/SEGUE: The Giant Stars, [2016AJ....151....7M](#)
KPNO 4m
- Nanayakkara, T., et al. 2016, ApJ, 828, 21, ZFIRE: A KECK/MOSFIRE Spectroscopic Survey of Galaxies in Rich Environments at $z \sim 2$, [2016ApJ...828...21N](#)
KPNO 4m +NEWFIRM; Survey Programs: NMBS; Science Data Archive at NOAO
- O'Dell, C. R., et al. 2015, AJ, 150, 108, The Nature and Frequency of Outflows from Stars in the Central Orion Nebula Cluster, [2015AJ....150..108O](#)
KPNO 4m +Echelle Spectrograph
- Oogi, T., Habe, A., Ishiyama, T. 2016, MNRAS, 456, 300, Mass and size growth of early-type galaxies by dry mergers in cluster environments, [2016MNRAS.456..300O](#)
KPNO 4m +NEWFIRM; Survey Programs: NMBS; Science Data Archive at NOAO
- Overbeek, J. C., Friel, E. D., Jacobson, H. R. 2016, ApJ, 824, New Neutron-capture Measurements in 23 Open Clusters. I. The r- Process, [2016ApJ...824...75O](#)
KPNO 4m
- Polishook, D., et al. 2016, Icar, 267, 243, A 2 km-size asteroid challenging the rubble-pile spin barrier - A case for cohesion, [2016Icar..267..243P](#)
KPNO 4m +MOSA; KPNO 2.1m +STA3; SMARTS 1.3m +ANDICAM
- Pons, E., Elvis, M., Civano, F., Watson, M. G. 2016, ApJ, 821, 130, Narrow-line X-Ray-selected Galaxies in the Chandra-COSMOS Field. I. Optical Spectroscopic Catalog, [2016ApJ...821..130P](#)
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- Premachandra, S. S., Galloway, D. K., Casares, J., Steeghs, D. T., Marsh, T. R. 2016, ApJ, 823, 106, Precision Ephemerides for Gravitational Wave Searches. II. Cyg X-2, [2016ApJ...823..106P](#)
KPNO 4m
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