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KPNO

Mayall 4m - 77 publications

Arthur, S. J., Medina, S.-N. X., Henney, W. J. 2016, MNRAS, 463, 2864, Turbulence in the ionized gas of the Orion nebula, [2016MNRAS.463.2864A](#)

Mayall +Echelle Spectrograph

Boersma, C., Bregman, J., Allamandola, L. J. 2016, ApJ, 832, 51, The Charge State of Polycyclic Aromatic Hydrocarbons Across Reflection Nebulae: PAH Charge Balance and Calibration, [2016ApJ...832...51B](#)

KPNO:Mayall +Mosaic

Bourne, N., Det al. 2017, MNRAS, 467, 1360, Evolution of cosmic star formation in the SCUBA-2 Cosmology Legacy Survey, [2017MNRAS.467.1360B](#)

NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO

Cai, Z., et al. 2017, ApJ, 837, 71, Discovery of an Enormous Ly α Nebula in a Massive Galaxy Overdensity at $z = 2.3$, [2017ApJ...837...71C](#)

Mayall +Mosaic; [NOAO Prop. ID 2013A-0434](#); [NOAO Prop. ID 2014A-0395](#); PI: Z. Cai

Cai, Z., et al. 2017, ApJ, 839, 131, Mapping the Most Massive Overdensities through Hydrogen (MAMMOTH). II. Discovery of the Extremely Massive Overdensity BOSS1441 at $z = 2.32$, [2017ApJ...839..131C](#)

Mayall +Mosaic; [NOAO Prop. ID 2013A-0434](#); [NOAO Prop. ID 2014A-0395](#); PI: Z. Cai

Calistro Rivera, G., et al. 2017, MNRAS, 469, 3468, The LOFAR window on star-forming galaxies and AGNs - curved radio SEDs and IR-radio correlation at $0 < z < 2.5$, [2017MNRAS.469.3468C](#)

NOAO Deep Wide-Field Survey (NDWFS): Mayall +Mosaic; Blanco +Mosaic; KPNO 2.1m +SQIID, +FLAMINGOS; Science Data Archive at NOAO

Casey, C. M., et al. 2017, ApJ, 840, 101, Near-infrared MOSFIRE Spectra of Dusty Star-forming Galaxies at $0.2 < z < 4$, [2017ApJ...840..101C](#)

COSMOS: Mayall +FLAMINGOS; Blanco +ISPI

Chen, C.-T. J., et al. 2017, ApJ, 837, 145, The X-Ray and Mid-infrared Luminosities in Luminous Type 1 Quasars, [2017ApJ...837..145C](#)

NOAO Deep Wide-Field Survey (NDWFS): Mayall +Mosaic; Blanco +Mosaic; KPNO 2.1m; The NEWFIRM Survey of the SDWFS/NDWFS Field - Mayall +NEWFIRM; Science Data Archive at NOAO

Contini, E., Kang, X., Romeo, A. D., Xia, Q. 2017, ApJ, 837, 27, Constraints on the Evolution of the Galaxy Stellar Mass Function I: Role of Star Formation, Mergers, and Stellar Stripping, [2017ApJ...837...27C](#)

NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO

Corbelli, E., et al. 2017, A&A, 601, A146, From molecules to young stellar clusters: the star formation cycle across the disk of M 33, [2017A&A...601A.146C](#)

Local Group Survey (LGS): Blanco +Mosaic; Mayall +Mosaic; Science Data Archive at NOAO

Darnley, M. J. 2017, ASPC, 509, 515, M31N 2008-12a — The Remarkable Recurrent Nova in M31, [2017ASPC..509..515D](#)

Local Group Survey (LGS): Blanco +Mosaic; Mayall +Mosaic; Science Data Archive at NOAO

Darnley, M. J., et al. 2016, ApJ, 833, 149, M31N 2008-12a - The Remarkable Recurrent Nova in M31: Panchromatic Observations of the 2015 Eruption, [2016ApJ...833..149D](#)

Mayall; SMARTS 0.9m, 1m, 1.3m +ANDICAM, 1.5m +RC Spectrograph

Deshpande, A. J., Hughes, J. P., Wittman, D. 2017, ApJ, 839, 124, X-Ray Temperatures, Luminosities, and Masses from XMM-Newton Follow-up of the First Shear-selected Galaxy Cluster Sample, [2017ApJ...839..124D](#)

Deep Lens Survey: Mayall +Mosaic; Blanco +Mosaic; Science Data Archive at NOAO

Doyle, T. F., Howell, S. B., Petit, V., Lépine, S. 2017, MNRAS, 464, 3464, DA white dwarfs in the Kepler field, [2017MNRAS.464.3464D](#)

Mayall +RC Spectrograph

Dressler, A., et al. 2016, ApJ, 833, 251, Demonstrating Diversity in Star-formation Histories with the CSI Survey, [2016ApJ...833..251D](#)

Mayall +NEWFIRM

Eftekharzadeh, S., ... **Graham, M.**, et al. 2017, MNRAS, 468, 77, Clustering on very small scales from a large sample of confirmed quasar pairs: does quasar clustering track from Mpc to kpc scales?, [2017MNRAS.468..77E](#)

Mayall +RC Spectrograph

Geier, S., et al. 2017, A&A, 600, A50, The population of hot subdwarf stars studied with Gaia. I. The catalog of known hot subdwarf stars, [2017A&A...600A..50G](#)

Mayall +RC Spectrograph

Gnedin, N. Y., Becker, G. D., Fan, X. 2017, ApJ, 841, 26, Cosmic Reionization on Computers: Properties of the Post-reionization IGM, [2017ApJ...841...26G](#)

Mayall

Guo, Z., Gies, D. R., Matson, R. A., García Hernández, A., Han, Z., Chen, X. 2017, ApJ, 837, 114, KIC 8262223: A Post-mass Transfer Eclipsing Binary Consisting of a Delta Scuti Pulsator and a Helium White Dwarf Precursor, [2017ApJ...837..114G](#)

Mayall +RC Spectrograph

Harris, W. E., et al. 2017, ApJ, 835, 101, Globular Cluster Systems in Brightest Cluster Galaxies. III: Beyond Bimodality, [2017ApJ...835..101H](#)

Fundamental Plane Survey: Blanco +Mosaic; +Hydra; Mayall +Mosaic; WIYN +Hydra; KPNO 0.9m +Mosaic; Science Data Archive at NOAO

Harvey, E., Redman, M. P., Boumis, P., Akras, S. 2016, A&A, 595, A64, Modelling the structure and kinematics of the Firework nebula: The nature of the GK Persei nova shell and its jet-like feature, [2016A&A...595A..64H](#)

Mayall +RC Spectrograph, +Mosaic; Science Data Archive at NOAO

Hildebrandt, H., et al. 2017, MNRAS, 465, 1454, KiDS-450: cosmological parameter constraints from tomographic weak gravitational lensing, [2017MNRAS.465.1454H](#)

Deep Lens Survey: Mayall +Mosaic; Blanco 4m +Mosaic; Science Data Archive at NOAO

Ibata, R. A., Lewis, G. F., Thomas, G., Martin, N. F., Chapman, S. 2017, ApJ, 842, 120, Feeling the Pull: A Study of Natural Galactic Accelerometers. II. Kinematics and Mass of the Delicate Stellar Stream of the Palomar 5 Globular Cluster, [2017ApJ...842..120I](#)

Mayall

Jeon, Y., et al. 2017, ApJS, 231, 16, The Infrared Medium-deep Survey. III. Survey of Luminous Quasars at $4.7 \leq z \leq 5.4$, [2017ApJS..231...16J](#)

Mayall +RC Spectrograph

Johns-Krull, C. M., et al. 2016, ApJ, 830, 15, H α Variability in PTF08-8695 and the Possible Direct Detection of Emission from a 2 Million Year Old Evaporating Hot Jupiter, [2016ApJ...830...15J](#)

Mayall + Echelle spectrograph

Jönsson, H., ... **Smith, V., Hinkle, K.**, et al. 2017, ApJ, 835, 50, Fluorine in the Solar Neighborhood: No Evidence for the Neutrino Process, [2017ApJ...835...50J](#)

Mayall +Phoenix

Kangas, T., et al. 2017, A&A, 597, A92, Core-collapse supernova progenitor constraints using the spatial distributions of massive stars in local galaxies, [2017A&A...597A..92K](#)

Local Group Survey (LGS): Blanco +Mosaic; Mayall +Mosaic; Science Data Archive at NOAO

Kitching, T. D., Alsing, J., Heavens, A. F., Jimenez, R., McEwen, J. D., Verde, L. 2017, MNRAS, 469, 2737, The limits of cosmic shear, [2017MNRAS.469.2737K](#)

Deep Lens Survey: Mayall +Mosaic; Blanco +Mosaic; Science Data Archive at NOAO

Kouriotis, M., et al. 2017, A&A, 601, A76, Monitoring luminous yellow massive stars in M 33: new yellow hypergiant candidates, [2017A&A...601A..76K](#)

Local Group Survey (LGS): Blanco +Mosaic; Mayall +Mosaic; Science Data Archive at NOAO

Lamperti, I., et al. 2017, MNRAS, 467, 540, BAT AGN Spectroscopic Survey - IV: Near-Infrared Coronal Lines, Hidden Broad Lines, and Correlation with Hard X-ray Emission, [2017MNRAS.467..540L](#)

Mayall +FLAMINGOS; 2010A-0447; PI: M. Koss)

Lau, M. W., Prochaska, J. X., Hennawi, J. F. 2016, ApJS, 226, 25, Quasars Probing Quasars. VIII. The Physical Properties of the Cool Circumgalactic Medium Surrounding $z \sim 2-3$ Massive Galaxies Hosting Quasars, [2016ApJS..226...25L](#)

Mayall

Lin, Z., Fang, G., Kong, X. 2016, AJ, 152, 191, How Accurate Are Infrared Luminosities from Monochromatic Photometric Extrapolation?, [2016AJ...152..191L](#)

Mayall

Lipunov, V. M., et al. 2017, MNRAS, 470, 2339, MASTER OT J004207.99+405501.1/M31LRN 2015 luminous red nova in M31: discovery, light curve, hydrodynamics and evolution, [2017MNRAS.470.2339L](#)

Local Group Survey (LGS): Blanco +Mosaic; Mayall +Mosaic; Science Data Archive at NOAO

López-Sanjuan, C., et al., 2017, A&A, 599, A62, The ALHAMBRA survey: B-band luminosity function of quiescent and star-forming galaxies at $0.2 \leq z < 1$ by PDF analysis, [2017A&A...599A..62L](#)

NDWFS: Mayall +Mosaic; Science Data Archive at NOAO

Maas, Z. G., Pilachowski, **C. A.**, **Hinkle**, K. 2016, AJ, 152, 196, Chlorine Abundances in Cool Stars, [2016AJ....152..196M](#)

Mayall +Phoenix

Maas, Z. G., Pilachowski, C. A., Cescutti, G. 2017, ApJ, 841, 108, Phosphorus Abundances in FGK Stars, [2017ApJ...841..108M](#)

Mayall +Phoenix

MacLeod, M., et al. 2017, ApJ, 835, 282, Lessons from the Onset of a Common Envelope Episode: the Remarkable M31 2015 Luminous Red Nova Outburst, [2017ApJ...835..282M](#)

Local Group Survey (LGS): Blanco +Mosaic; Mayall +Mosaic; Science Data Archive at NOAO

Mansheim, A. S., et al. 2017, ApJ, 834, 205, Star Formation in the Cluster Merger DLSCL J0916.2+2953, [2017ApJ...834..205M](#)

Mayall +NEWFIRM; Deep Lens Survey; Mayall +Mosaic; Science Data Archive at NOAO

Marsan, Z. C., et al. 2017, ApJ, 842, 21, A Spectroscopic Follow-up Program of Very Massive Galaxies at $3 < z < 4$: Confirmation of Spectroscopic Redshifts, and a High Fraction of Powerful AGNs, [2017ApJ...842...21M](#)

NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO; NOAO-granted community-access time: Keck II; NOAO Prop. ID 2011A-0514; PI: Marchesini

Mikołajewska, J., Shara, M. M., Caldwell, N., Iłkiewicz, K., Zurek, D. 2017, MNRAS, 465, 1699, A survey of the Local Group of galaxies for symbiotic binary stars - I. First detection of symbiotic stars in M33, [2017MNRAS.465.1699M](#)

Local Group Survey: Mayall +Mosaic; Blanco +Mosaic; Science Data Archive at NOAO

Mitra, S., Davé, R., Simha, V., Finlator, K. 2017, MNRAS, 464, 2766, Equilibrium model prediction for the scatter in the star-forming main sequence, [2017MNRAS.464.2766M](#)

NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO

Monroe, J. T., Tran, K.-V. H., Gonzalez, A. H. 2017, ApJ, 836, 7, SG1120-1202: Mass-quenching as Tracked by UV Emission in the Group Environment at $z=0.37$, [2017ApJ...836....7M](#)

Mayall

Nayeri, H., ... **Dickinson, M.**, et al. 2017, ApJS, 228, 7, CANDELS Multi-wavelength Catalogs: Source Identification and Photometry in the CANDELS COSMOS Survey Field, [2017ApJS..228....7N](#)

NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO

Niida, M., et al. 2016, ApJ, 832, 208, Revisiting the Completeness and Luminosity Function in High-redshift Low-luminosity Quasar Surveys, [2016ApJ...832..208N](#)

Deep Lens Survey: Mayall +Mosaic; Blanco 4m +Mosaic; NOAO Deep Wide-Field Survey (NDWFS): Blanco +Mosaic; Mayall +Mosaic; KPNO 2.1m +SQIID, +FLAMINGOS; Science Data Archive at NOAO

Orio, M., ... **Harbeck, H.**, et al. 2017, MNRAS, 470, 2212, CXO J004318.8+412016, a steady supersoft X-ray source in M 31, [2017MNRAS.470.2212O](#)
Local Group Survey (LGS): Blanco +Mosaic; Mayall +Mosaic; Science Data Archive at NOAO

Ota, K., et al. 2017, ApJ, 844, 85, A New Constraint on Reionization from the Evolution of the Ly α Luminosity Function at $z \sim 6-7$ Probed by a Deep Census of $z = 7.0$ Ly α Emitter Candidates to $0.3L^*$, [2017ApJ...844...85O](#)
Blanco +Mosaic; Mayall +Mosaic

Ouellette, N. N.-Q., et al. 2017, ApJ, 843, 74, The Spectroscopy and H-band Imaging of Virgo Cluster Galaxies (SHIVir) Survey: Scaling Relations and the Stellar-to-total Mass Relation, [2017ApJ...843...74O](#)
Mayall +RC Spectrograph; KPNO 2.1m +RC Spectrograph

Pardo, K., et al. 2016, ApJ, 831, 203, X-Ray Detected Active Galactic Nuclei in Dwarf Galaxies at $0 < z < 1$, [2016ApJ...831..203P](#)
NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO

Petigura, E. A., et al. 2017, AJ, 154, 107, The California-Kepler Survey. I. High-resolution Spectroscopy of 1305 Stars Hosting Kepler Transiting Planets, [2017AJ....154..107P](#)
Mayall +RC Spectrograph

Pilachowski, C. A., **Hinkle, K. H.**, et al. 2017, PASP, 129, 024006, An Archive of Spectra from the Mayall Fourier Transform Spectrometer at Kitt Peak, [2017PASP..129b4006P](#)
Mayall +Fourier Transform Spectrometer

Pilyavsky, G., et al. 2017, MNRAS, 467, 3048, Single-Photon Intensity Interferometry (SPIIFy): utilizing available telescopes, [2017MNRAS.467.3048P](#)
Mayall

Placco, V. M., ... **Points, S. D.**, et al. 2017, ApJ, 844, 18, RAVE J203843.2–002333: The First Highly R-process-enhanced Star Identified in the RAVE Survey, [2017ApJ...844...18P](#)
Mayall +RC Spectrograph

Reines, A. E., Comastri, A. 2016, PASA, 33, e054, Observational Signatures of High-Redshift Quasars and Local Relics of Black Hole Seeds, [2016PASA...33...54R](#)
Dark Energy Survey: Blanco +DECam; Deep Lens Survey: Mayall +Mosaic; Blanco 4m +Mosaic; Science Data Archive at NOAO; NOAO Deep Wide-Field Survey (NDWFS): Mayall +Mosaic; Blanco +Mosaic; KPNO 2.1m +SQIID, +FLAMINGOS; Science Data Archive at NOAO

Ricci, F., Marchesi, S., Shankar, F., La Franca, F., Civano, F. 2017, MNRAS, 465, 1915, Constraining the UV emissivity of AGN throughout cosmic time via X-ray surveys, [2017MNRAS.465.1915R](#)

NOAO Deep Wide-Field Survey (NDWFS): Mayall +Mosaic; Blanco +Mosaic; KPNO 2.1m +SQIID, +FLAMINGOS; Science Data Archive at NOAO; Deep Lens Survey: Mayall +Mosaic; Blanco +Mosaic

Rorai, A., et al. 2017, Sci, 356, 418, Measurement of the small-scale structure of the intergalactic medium using close quasar pairs, [2017Sci...356..418R](#)

Mayall

Sarbadhicary, S. K., Badenes, C., Chomiuk, L., Caprioli, D., Huizenga, D. 2017, MNRAS, 464, 2326, Supernova remnants in the Local Group - I. A model for the radio luminosity function and visibility times of supernova remnants, [2017MNRAS.464.2326S](#)

Local Group Survey (LGS): Mayall +Mosaic; NOAO Prop. ID 2000B-0010; Science Data Archive at NOAO

Schmidt, T. M., et al. 2017, ApJ, 847, 81, Statistical Detection of the He ii Transverse Proximity Effect: Evidence for Sustained Quasar Activity for >25 Million Years, [2017ApJ...847...81S](#)

Blanco +Mosaic; Mayall +Mosaic

Schneider, M. D., et al., 2017, ApJ, 839, 25, Probabilistic Cosmological Mass Mapping from Weak Lensing Shear, [2017ApJ...839...25S](#)

Deep Lens Survey: Mayall +Mosaic; Blanco +Mosaic; Science Data Archive at NOAO

Sheppard, S. S., Trujillo, C. 2016, AJ, 152, 221, New Extreme Trans-Neptunian Objects: Toward a Super-Earth in the Outer Solar System, [2016AJ....152..221S](#)

Mayall +Mosaic; Blanco +DECam

Simmons, B. D., et al. 2017, MNRAS, 464, 4420, Galaxy Zoo: quantitative visual morphological classifications for 48 000 galaxies from CANDELS, [2017MNRAS.464.4420S](#)

NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO

Sklias, P., Schaerer, D., Elbaz, D., Pannella, M., Schreiber, C., Cava, A. 2017, A&A, 605, A29, Insights on star-formation histories and physical properties of $1.2 \leq z \leq 4$ Herschel-detected galaxies, [2017A&A...605A..29S](#)

Blanco +Mosaic; Mayall +Mosaic

Song, H., Hwang, H. S., Park, C., Tamura, T. 2017, ApJ, 842, 88, A Redshift Survey of the Nearby Galaxy Cluster Abell 2199: Comparison of the Spatial and Kinematic Distributions of Galaxies with the Intracluster Medium, [2017ApJ...842...88S](#)

Fundamental Plane Survey: Blanco +Mosaic, +Hydra; Mayall +Mosaic; WIYN +Hydra; KPNO 0.9m +Mosaic; Science Data Archive at NOAO

Stefanon, M., ... **Dickinson, M. E.**, et al. 2017, ApJS, 229, 32, CANDELS Multi-wavelength Catalogs: Source Identification and Photometry in the CANDELS Extended Groth Strip, [2017ApJS..229...32S](#)

NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO

Straatman, C. M. S., et al. 2016, ApJ, 830, 51, The FourStar Galaxy Evolution Survey (ZFOURGE): Ultraviolet to Far-infrared Catalogs, Medium-bandwidth Photometric Redshifts with Improved Accuracy, Stellar Masses, and Confirmation of Quiescent Galaxies to $z \sim 3.5$, [2016ApJ...830...51S](#)

NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO

Sweet, S. M., et al. 2017, MNRAS, 464, 2910, The stellar mass-size relation for cluster galaxies at $z = 1$ with high angular resolution from the Gemini/GeMS multiconjugate adaptive optics system, [2017MNRAS.464.2910S](#)

Blanco Cosmology Survey: Blanco +Mosaic; NEWFIRM Medium-Band Survey (NMBS): Mayall +NEWFIRM; Science Data Archive at NOAO

Thirouin, A., et al. 2016, AJ, 152, 163, The Mission Accessible Near-Earth Objects Survey (MANOS): First Photometric Results, [2016AJ....152..163T](#)

MANOS (Mission Accessible Near-Earth Objects Survey): Mayall +Mosaic; KPNO 2.1m +STA; SOAR +Goodman; SMARTS 1.3m +ANDICAM; NOAO Prop. ID. 2013B-0270; PI:N. Moskovitz

Tomičić, N., Kreckel, K., Groves, B., Schinnerer, E., Sandstrom, K., Kapala, M., Blanc, G. A., Leroy, A. 2017, ApJ, 844, 155, Attenuation Modified by DIG and Dust as Seen in M31, [2017ApJ...844..155T](#)

Local Group Survey (LGS): Mayall +Mosaic; Science Data Archive at NOAO

Vereš, P., Chesley, S. R. 2017, AJ, 154, 13, Near-Earth Object Orbit Linking with the Large Synoptic Survey Telescope, [2017AJ....154...13V](#)

Mayall

Vernstrom, T., et al. 2016, MNRAS, 462, 2934, Deep 3-GHz observations of the Lockman Hole North with the Very Large Array - II. Catalogue and μJy source properties, [2016MNRAS.462.2934V](#)

Mayall +Mosaic

Wagner, C. R., et al. 2017, ApJ, 834, 53, The Evolution of Star formation Activity in Cluster Galaxies over $0.15 < z < 1.5$, [2017ApJ...834...53W](#)

NOAO Deep Wide-Field Survey (NDWFS): Mayall +Mosaic; Blanco +Mosaic; KPNO 2.1m +SQIID, +FLAMINGOS; Science Data Archive at NOAO

Wang, T., et al. 2017, A&A, 601, A63, AGN-host connection at $0.5 < z < 2.5$: A rapid evolution of AGN fraction in red galaxies during the last 10 Gyr, [2017A&A...601A..63W](#)

Mayall +Mosaic

Whittam, I. H., Riley, J. M., Green, D. A., Jarvis, M. J. 2016, MNRAS, 462, 2122, The faint source population at 15.7 GHz - III. A high-frequency study of HERGs and LERGs, [2016MNRAS.462.2122W](#)

Mayall +Mosaic

Xue, R., ... **Dey, A.**, ... **Inami, H.**, et al. 2017, ApJ, 837, 172, The Diversity of Diffuse Ly α Nebulae around Star-forming Galaxies at High Redshift, [2017ApJ...837..172X](#)

NOAO Deep Wide-Field Survey (NDWFS): Mayall +Mosaic; Science Data Archive at NOAO

Yu, H., Diaferio, A., Agulli, I., Aguerri, J. A. L., Tozzi, P. 2016, ApJ, 831, 156, The Unrelaxed Dynamical Structure of the Galaxy Cluster Abell 85, [2016ApJ...831..156Y](#)

Fundamental Plane Survey: Blanco +Mosaic, +Hydra; Mayall +Mosaic; WIYN +Hydra; KPNO 0.9m +Mosaic; Science Data Archive at NOAO

Zhang, J., Shi, J., Pan, K., Allende Prieto, C., Liu, C. 2016, ApJ, 833, 137, NLTE Analysis of High-Resolution H-band Spectra. I. Neutral Silicon, [2016ApJ...833..137Z](#)

Mayall +FTS

Zhang, J., Shi, J., Pan, K., Allende Prieto, C., Liu, C. 2017, ApJ, 835, 90, NLTE Analysis of High-resolution H-band Spectra. II. Neutral Magnesium, [2017ApJ...835...90Z](#)

Mayall +FTS; Science Data Archive at NOAO

Zheng, W., et al. 2017, ApJ, 841, 64, Discovery and Follow-up Observations of the Young Type Ia Supernova 2016coj, [2017ApJ...841...64Z](#)

Mayall +KOSMOS: NOAO Prop. ID 2015B-0313; PI: Foley

KPNO 0.9m - 6 publications

Chengalur, J. N., Pustilnik, S. A., Egorova, E. S. 2017, MNRAS, 465, 2342, UGC 3672: an unusual merging triplet of gas-rich galaxies in the Lynx-Cancer void, [2017MNRAS.465.2342C](#)

KPNO: 0.9m

Harris, W. E., et al. 2017, ApJ, 835, 101, Globular Cluster Systems in Brightest Cluster Galaxies. III: Beyond Bimodality, [2017ApJ...835..101H](#)

Fundamental Plane Survey: Blanco +Mosaic, +Hydra; Mayall +Mosaic; WIYN +Hydra; KPNO 0.9m +Mosaic; Science Data Archive at NOAO

Janowiecki, S., Salzer, J. J., van Zee, L., Rosenberg, J. L., Skillman, E. 2017, ApJ, 836, 128, Constraining the Stellar Populations and Star Formation Histories of Blue Compact Dwarf Galaxies with SED Fits, [2017ApJ...836..128J](#)

KPNO: KPNO 0.9m; WIYN 3.5m +Mini-Mosaic, +OPTIC, +WHIRC

Marshall, S. E., Howell, E. S., Magri, C., Vervack, R. J., Campbell, D. B., Fernández, Y. R., Nolan, M. C., Crowell, J. L., Hicks, M. D., Lawrence, K. J., Taylor, P. A. 2017, Icar, 292, 22, Thermal properties and an improved shape model for near-Earth asteroid (162421) 2000 ET70, [2017Icar..292...22M](#)

KPNO 0.9m

Song, H., Hwang, H. S., Park, C., Tamura, T. 2017, ApJ, 842, 88, A Redshift Survey of the Nearby Galaxy Cluster Abell 2199: Comparison of the Spatial and Kinematic Distributions of Galaxies with the Intracluster Medium, [2017ApJ...842...88S](#)

Fundamental Plane Survey: Blanco +Mosaic, +Hydra; Mayall +Mosaic; WIYN +Hydra; KPNO 0.9m +Mosaic; Science Data Archive at NOAO

Yu, H., Diaferio, A., Agulli, I., Aguerri, J. A. L., Tozzi, P. 2016, ApJ, 831, 156, The Unrelaxed Dynamical Structure of the Galaxy Cluster Abell 85, [2016ApJ...831..156Y](#)

Fundamental Plane Survey: Blanco +Mosaic, +Hydra; Mayall +Mosaic; WIYN +Hydra; KPNO 0.9m +Mosaic; Science Data Archive at NOAO

Coude Feed telescope - 10 publications

Frasca, A., et al. 2016, A&A, 594, A39, Activity indicators and stellar parameters of the Kepler targets. An application of the ROTFIT pipeline to LAMOST-Kepler stellar spectra, [2016A&A...594A..39F](#)

Indo-U.S. Coude Feed Stellar Spectra: KPNO 0.9m Coude Feed; Science Data Archive at NOAO

Hummel, C. A., et al. 2017, ApJ, 844, 115, Orbital Elements and Stellar Parameters of the Active Binary UX Arietis, [2017ApJ...844..115H](#)

KPNO:Coude Feed +Coude Feed spectrograph

Kóvári, Z., et al. 2016, A&A, 596, A53, Time-series Doppler images and surface differential rotation of the effectively single, rapidly rotating K-giant KU Pegasi, [2016A&A...596A..53K](#)

Coude Feed

Mathys, G. 2017, A&A, 601, A14, Ap stars with resolved magnetically split lines: Magnetic field determinations from Stokes I and V spectra☆, [2017A&A...601A..14M](#)

KPNO:Coude Feed +Coude Feed spectrograph; NOAO Prop. ID: KP2442; PI: T. Lanz

Oldham, L., et al. 2017, MNRAS, 470, 3497, The Fundamental Plane of evolving red nuggets, [2017MNRAS.470.3497O](#)

Indo-U.S. Coude Feed Stellar Spectra: KPNO 0.9m Coude Feed; Science Data Archive at NOAO

Oldham, L. J., Houghton, R. C. W., Davies, R. L. 2017, MNRAS, 465, 2101, The most massive galaxies in clusters are already fully grown at $z \sim 0.5$, [2017MNRAS.465.2101O](#)

Indo-U.S. Coude Feed Stellar Spectra: KPNO 0.9m Coude Feed; Science Data Archive at NOAO

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Staff

Note: NOAO Staff names are in boldface; REU student names are underlined.
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Abbott, T. M. C.

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