

(197 Articles)

**Telescopes at Kitt Peak National Observatory<sup>†</sup>**

Agafonov, M., Richards, M., Sharova, O. 2006, ApJ, 652, 1547, “Three-dimensional Doppler Tomogram of Gas Flows in the Algol-Type Binary U Coronae Borealis”

Aigrain, S., Hodgkin, S., Irwin, J., et al. 2007, MNRAS, 375, 29, “The Monitor Project: Searching for Occultations in Young Open Clusters”

Allen, P.R., Koerner, D.W., McElwain, M.W., Cruz, K.L., Reid, I.N. 2007, AJ, 133, 971, “A New Brown Dwarf Desert? A Scarcity of Wide Ultracool Binaries”

Andersen, D.R., Bershadsky, M.A., Sparke, L.S., et al. 2006, ApJS, 166, 505, “The Photometric and Kinematic Structure of Face-on Disk Galaxies. I. Sample Definition, H $\alpha$  Integral Field Spectroscopy, and H I Line Widths”

Anthony-Twarog, B.J., Twarog, B.A., Mayer, L. 2007, AJ, 133, 1585, “vbyCaH $\beta$  CCD Photometry of Clusters. VIII. The Super-Metal-Rich, Old Open Cluster NGC 6791”

Austin, S.J., Robertson, J.W., Tycner, C., Campbell, T., Honeycutt, R.K. 2007, AJ, 133, 1934, “Late-Type Near-Contact Eclipsing Binary [HH97] FS Aur-79”

Beers, T.C., Sivarani, T., Marsteller, B., et al. 2007, AJ, 133, 1193, “Near-Infrared Spectroscopy of Carbon-Enhanced Metal-Poor Stars. I. A SOAR/OSIRIS Pilot Study”

Beers, T.C., Almeida, T., Rossi, S., Wilhelm, R., Marsteller, B. 2007, ApJS, 168, 277, “A Catalog of Candidate Field Horizontal-Branch and A-Type Stars. III. A 2MASS-Cleaned Version”

Beers, T.C., Flynn, C., Rossi, S., et al. 2007, ApJS, 168, 128, “Broadband UBVR<sub>C</sub>I<sub>C</sub> Photometry of Horizontal-Branch and Metal-poor Candidates from the HK and Hamburg/ESO Surveys. I.”

Benedict, G.F., McArthur, B.E., Feast, M.W., et al. 2007, AJ, 133, 1810, “Hubble Space Telescope Fine Guidance Sensor Parallaxes of Galactic Cepheid Variable Stars: Period-Luminosity Relations”

Bertoldi, F., Carilli, C., Aravena, M., et al. 2007, ApJS, 172, 132, “COSBO: The MAMBO 1.2 Millimeter Imaging Survey of the COSMOS Field”

Bonanos, A.Z., ... **Macri, L.M.**, ... **Matheson, T.**, et al. 2006, ApJ, 652, 313, “The First DIRECT Distance Determination to a Detached Eclipsing Binary in M33”

Bornancini, C.G., Lambas, D.G. 2007, MNRAS, 377, 179, “The Distant Red Galaxy Neighbour Population of 1 <math>z < 2</math> QSOs and Optically Obscured Sources”

Boyajian, T.S., Gies, D.R., Baines, E.K., et al. 2007, PASP, 119, 857, “Radial Velocities of Six OB Stars”

Boyajian, T.S., Gies, D.R., Dunn, J.P., et al. 2007, ApJ, 664, 1121, “The Long-Period, Massive Binaries HD 37366 and HD 54662: Potential Targets for Long-Baseline Optical Interferometry”

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- Brand, K., **Dey, A.**, ... **Jannuzi, B.T.**, et al. 2007, ApJ, 663, 204, "Optical Line Diagnostics of  $z \sim 2$  Optically Faint Ultraluminous Infrared Galaxies in the Spitzer Boötes Survey"
- Bridge, C.R., Appleton, P.N., Conselice, C.J., et al. 2007, ApJ, 659, 931, "The Role of Galaxy Interactions and Mergers in Star Formation at  $z \leq 1.3$ : Mid-Infrared Properties in the Spitzer First Look Survey"
- Bridges, T.J., Rhode, K.L., Zepf, S.E., Freeman, K.C. 2007, ApJ, 658, 980, "Spectroscopy of Globular Clusters out to Large Radius in the Sombrero Galaxy"
- Brodwin, M., ... **Brand, K.**, **Dey, A.**, ... **Jannuzi, B.T.**, et al. 2006, ApJ, 651, 791, "Photometric Redshifts in the IRAC Shallow Survey"
- Brown, M.J.I., **Dey, A.**, **Jannuzi, B.T.**, **Brand, K.**, et al. 2007, ApJ, 654, 858, "The Evolving Luminosity Function of Red Galaxies"
- Bruntt, H., Stello, D., Suárez, J.C., et al. 2007, MNRAS, 378, 1371, "Multisite Campaign on the Open Cluster M67 - III.  $\delta$  Scuti Pulsations in the Blue Stragglers"
- Brusa, M., Zamorani, G., Comastri, A., et al. 2007, ApJS, 172, 353, "The XMM-Newton Wide-Field Survey in the COSMOS Field. III. Optical Identification and Multiwavelength Properties of a Large Sample of X-Ray-Selected Sources"
- Burgasser, A.J., Cruz, K.L., Kirkpatrick, J.D. 2007, ApJ, 657, 494, "Optical Spectroscopy of 2MASS Color-selected Ultracool Subdwarfs"
- Caldwell, N. 2006, ApJ, 651, 822, "Color-Magnitude Diagrams of Resolved Stars in Virgo Cluster Dwarf Galaxies"
- Calzetti, D., Kennicutt, R.C., Engelbracht, C.W., et al. 2007, ApJ, 666, 870, "The Calibration of Mid-Infrared Star Formation Rate Indicators"
- Capak, P., Abraham, R.G., Ellis, R.S., et al. 2007, ApJS, 172, 284, "The Effects of Environment on Morphological Evolution at  $0 < z < 1.2$  in the COSMOS Survey"
- Capak, P., Aussel, H., Ajiki, M., et al. 2007, ApJS, 172, 99, "The First Release COSMOS Optical and Near-IR Data and Catalog"
- Cardamone, C.N., Moran, E.C., Kay, L.E. 2007, AJ, 134, 1263, "'Hidden' Seyfert 2 Galaxies in the Chandra Deep Field North"
- Cassata, P., Guzzo, L., Franceschini, A., et al. 2007, ApJS, 172, 270, "The Cosmic Evolution Survey (COSMOS): The Morphological Content and Environmental Dependence of the Galaxy Color-Magnitude Relation at  $z \sim 0.7$ "
- Cool, R.J. 2007, ApJS, 169, 21, "zBootes: z-Band Photometry in the NOAO Deep Wide-Field Survey Boötes Field"
- Crowl, H.H., Kenney, J.D.P. 2006, ApJ, 649, L75, "The Stellar Population of Stripped Cluster Spiral NGC 4522: A Local Analog to K+A Galaxies?"
- Cruz, K.L., Reid, I.N., Kirkpatrick, J.D., et al. 2007, AJ, 133, 439, "Meeting the Cool Neighbors. IX. The Luminosity Function of M7-L8 Ultracool Dwarfs in the Field"

- Daane, A.R., King, J.R., Schuler, S.C. 2007, AJ, 133, 2654, “Possible Identification of a Metal-Rich Old Moving Group: High-Resolution Spectroscopy of Candidate Members”
- Dale, D.A., Gil de Paz, A., Gordon, K.D., et al. 2007, ApJ, 655, 863, “An Ultraviolet-to-Radio Broadband Spectral Atlas of Nearby Galaxies”
- Davis, T.M., ... **Matheson, T.**, ... **Rest, A.**, ... **Smith, R.C.**, ... **Suntzeff, N.B.**, et al. 2007, ApJ, 666, 716, “Scrutinizing Exotic Cosmological Models Using ESSENCE Supernova Data Combined with Other Cosmological Probes”
- Davoodi, P., Oliver, S., Polletta, M., et al. 2006, AJ, 132, 1818, “Parametric Modeling of the 3.6-8  $\mu$ m Color Distributions of Galaxies in the SWIRE Survey”
- de la Rosa, I.G., de Carvalho, R.R., Vazdekis A., Barbuy, B., 2007, AJ, 133, 330, “Truncated Star Formation in Compact Groups of Galaxies: A Stellar Population Study”
- Dellenbusch, K.E., Gallagher, J.S., Knezek, P.M. 2007, ApJ, 655, L29, “H II Region Oxygen Abundances in Starbursting Transition Dwarf Galaxies”
- De Marco, O. 2006, IAU Symp. 234, eds. M.J. Barlow and R.H. Méndez (Cambridge), 111, “Binary Central Stars”
- Desroches, L.-B., Filippenko, A.V., Kaspi, S., et al. 2006, ApJ, 650, 88, “Multiwavelength Monitoring of the Dwarf Seyfert 1 Galaxy NGC 4395. III. Optical Variability and X-Ray/UV/Optical Correlations”
- Destree, J.D., Snow, T.P., Eriksson, K. 2007, ApJ, 664, 909, “The Presence of Diffuse Interstellar Bands in the Spectra of Cool Stars”
- de Ugarte Postigo, A., Fatkhullin, T.A., Jóhannesson, G., et al. 2007, A&A, 462, L57, “Extensive Multiband Study of the X-ray Rich GRB 050408. A Likely Off-axis Event with an Intense Energy Injection”
- Dhanda, N., Baldwin, J.A., Bentz, M.C., Osmer, P.S. 2007, ApJ, 658, 804, “Quasars with Super-Metal-rich Emission-Line Regions”
- Drukier, G.A., Cohn, H.N., Lugger, P.M., et al. 2007, AJ, 133, 1041, “The Global Kinematics of the Globular Cluster M92”
- Eggen, J.R., Reed, M.D., O’Toole, S.J., et al. 2007, Communications in Astroseismology, 150, 271, “Time-Series Spectroscopy of the Subdwarf B Star PG 1219+534”
- Eisenhardt, P.R., **De Propriis, R.**, ... **Dickinson, M.** 2007, ApJS, 169, 225, “Multiaperture UBVRIZJHK Photometry of Galaxies in the Coma Cluster”
- El Boucheffry, K., Cress, C.M. 2007, Astron. Nach., 328, 577, “Identifications of FIRST Radio Sources in the NOAO Deep Wide-Field Survey”
- Farnham, T.L., **Samarasinha, N.H.**, Mueller, B.E.A., Knight, M.M. 2007, AJ, 133, 2001, “Cyanogen Jets and the Rotation State of Comet Machholz (C/2004 Q2)”
- Fekadu, N., Sandquist, E.L., Bolte, M. 2007, ApJ, 663, 277, “Photometry of the Globular Cluster NGC 5466: Red Giants and Blue Stragglers”

- Fekel, F.C., Henry, G.W., Barlow, D.J., Pourbaix, D. 2006, AJ, 132, 1910, “HD 131861, A Double-Line Spectroscopic Triple System”
- Fekel, F.C., **Hinkle, K.H., Joyce, R.R.**, Wood, P.R., Lebzelter, T. 2007, AJ, 133, 17, “Infrared Spectroscopy of Symbiotic Stars. V. First Orbits for Three S-Type Systems: Henize 2-173, CL Scorpii, and AS 270”
- Fekel, F.C., Tomkin, J. 2007, ASP Conf. 240, eds. W.I. Hartkopf, E.F. Guinan, and P. Harmanec (Cambridge), 59, “Spectroscopic Binary Candidates for Interferometers”
- Fekel, F.C., Williamson, M., Buggs, C., Onuoha, G., Smith, B. 2006, AJ, 132, 1490, “HR 1613: A Slowly Rotating A Dwarf Spectroscopic Binary with Solar Abundances”
- Fekel, F.C., Williamson, M., Pourbaix, D. 2007, AJ, 133, 2431, “The Spectroscopic and Astrometric Orbits of HR 672”
- Feldmann, R., Carollo, C.M., Porciani, C., et al. 2006, MNRAS, 372, 565, “The Zurich Extragalactic Bayesian Redshift Analyzer and its First Application: COSMOS”
- Feldmeier, J.J., Jacoby, G.H., Phillips, M.M. 2007, ApJ, 657, 76, “Calibrating Type Ia Supernovae Using the Planetary Nebula Luminosity Function. I. Initial Results”
- Fingerhut, R.L., Lee, H., McCall, M.L., Richer, M.G. 2007, ApJ, 655, 814, “The Extinction and Distance of Maffei 2 and a New View of the IC 342/Maffei Group”
- Finkelstein, S.L., Rhoads, J.E., Malhotra, S., Pirzkal, N., Wang, J.X. 2007, ApJ, 660, 1023, “The Ages and Masses of Ly $\alpha$  Galaxies at  $z \sim 4.5$ ”
- Finoguenov, A., Guzzo, L., Hasinger, G., et al. 2007, ApJS, 172, 182, “The XMM-Newton Wide-Field Survey in the COSMOS Field: Statistical Properties of Clusters of Galaxies”
- Fohlmeister, J., Kochanek, C.S., Falco, E.E., et al. 2007, ApJ, 662, 62, “A Time Delay for the Cluster-Lensed Quasar SDSS J1004+4112”
- Frebel, A., Christlieb, N., Norris, J.E., et al. 2006, ApJ, 652, 1585, “Bright Metal-poor Stars from the Hamburg/ESO Survey. I. Selection and Follow-up Observations from 329 Fields”
- Gaetz, T.J., Blair, W.P., Hughes, J.P., et al. 2007, ApJ, 663, 234, “Chandra ACIS Survey of M33 (ChASeM33): X-Ray Imaging Spectroscopy of M33SNR 21, the Brightest X-Ray Supernova Remnant in M33”
- García-Díaz, M.T., Henney, W.J. 2007, AJ, 133, 952, “Velocity Structure in the Orion Nebula. I. Spectral Mapping in Low-Ionization Lines”
- Gezari, S., Halpern, J.P., Eracleous, M. 2007, ApJS, 169, 167, “Long-Term Profile Variability of Double-peaked Emission Lines in Active Galactic Nuclei”
- Giampapa, M.S., Hall, J.C., Radick, R.R., Baliunas, S.L. 2006, ApJ, 651, 444, “A Survey of Chromospheric Activity in the Solar-Type Stars in the Open Cluster M67”
- Gies, D.R., ... **Aufdenberg, J.P., Ridgway, S.T.**, et al. 2007, ApJ, 654, 527, “CHARA Array K'-Band Measurements of the Angular Dimensions of Be Star Disks”

- Gilbert, K.M., Guhathakurta, P., Kalirai, J.S., et al. 2006, ApJ, 652, 1188, “A New Method for Isolating M31 Red Giant Stars: The Discovery of Stars out to a Radial Distance of 165 kpc”
- Glikman, E., Djorgovski, S.G., Stern, D., Bogosavljevic, M., Mahabal, A. 2007, ApJ, 663, L73, “Discovery of Two Spectroscopically Peculiar, Low-Luminosity Quasars at  $z \sim 4$ ”
- Gorlova, N., Lobel, A., Burgasser, A.J., et al. 2006, ApJ, 651, 1130, “On the CO Near-Infrared Band and the Line-splitting Phenomenon in the Yellow Hypergiant  $\rho$  Cassiopeiae”
- Gramajo, L.V., Whitney, B.A., ... **Merrill, K.M.** 2007, AJ, 133, 1911, “High Spatial Resolution Near-Infrared Images of Taurus Protostars”
- Grossi, M., Disney, M.J., Pritzl, B.J., et al. 2007, MNRAS, 374, 107, “Star Formation History and Evolution of Gas-rich Dwarf Galaxies in the Centaurus A Group”
- Grundstrom, E.D., Blair, J.L., Gies, D.R., et al. 2007, ApJ, 656, 431, “Joint  $H\alpha$  and X-Ray Observations of Massive X-Ray Binaries. I. The B Supergiant System LS I +65 010 = 2S 0114+650”
- Grundstrom, E.D., Boyajian, T.S., Finch, C., et al. 2007, ApJ, 660, 1398, “Joint  $H\alpha$  and X-Ray Observations of Massive X-Ray Binaries. III. The Be X-Ray Binaries HDE 245770 = A0535+26 and X Persei”
- Grundstrom, E.D., Caballero-Nieves, S.M., Gies, D.R., et al. 2007, ApJ, 656, 437, “Joint  $H\alpha$  and X-Ray Observations of Massive X-Ray Binaries. II. The Be X-Ray Binary and Microquasar LS I +61 303”
- Grundstrom, E.D., Gies, D.R., Hillwig, T.C., et al. 2007, ApJ, 667, 505, “A Spectroscopic Study of Mass Outflows in the Interacting Binary RY Scuti”
- Guzzo, L., Cassata, P., Finoguenov, A., et al. 2007, ApJS, 172, 254, “The Cosmic Evolution Survey (COSMOS): A Large-Scale Structure at  $z=0.73$  and the Relation of Galaxy Morphologies to Local Environment”
- Hajian, A.R. 2006, IAU Symp. 234, eds. M.J. Barlow and R.H. Méndez (Cambridge), 41, “Distances to Planetary Nebulae”
- Hajian, A.R., Movit, S.M., Trofimov, D., et al. 2007, ApJS, 169, 289, “An Atlas of [N II] and [O III] Images and Spectra of Planetary Nebulae”
- Harmanec, P., Mayer, P., Prsa, A., et al. 2007, A&A, 463, 1061, “V379 Cephei: A Quadruple System of Two Binaries”
- Harrington, J.P. 2006, IAU Symp. 234, eds. M.J. Barlow and R.H. Méndez (Cambridge), 413, “Observations and a Model of NGC 2610”
- Harris, H.C., Dahn, C.C., Canzian, B., et al. 2007, AJ, 133, 631, “Trigonometric Parallaxes of Central Stars of Planetary Nebulae”
- Harrison, T.E., **Howell, S.B.**, Szkody, P., Cordova, F.A. 2007, AJ, 133, 162, “The Nature of the Secondary Star in the Black Hole X-Ray Transient V616 Mon (=A0620-00)”
- Heald, G.H., Rand, R.J., Benjamin, R.A., Bershady, M.A. 2007, ApJ, 663, 933, “Integral Field Unit Observations of NGC 4302: Kinematics of the Diffuse Ionized Gas Halo”

- Henney, W.J., O'dell, C.R., Zapata, L.A., et al. 2007, AJ, 133, 2192, "Large-Scale Flows from Orion South"
- Henry, G.W., Fekel, F.C., Henry, S.M. 2007, AJ, 133, 1421, "Photometry and Spectroscopy of 11  $\gamma$  Doradus Stars"
- Hinz, J.L., Misselt, K., Rieke, M.J., et al. 2006, ApJ, 651, 874, "Extended Emission by Dust in the Dwarf Galaxy UGC 10445"
- Horch, E.P., Franz, O.G., van Altena, W.F. 2006, AJ, 132, 2478, "Characterizing Binary Stars Below the Diffraction Limit with CCD-based Speckle Imaging"
- Hrivnak, B.J., Kelly, D.M., Su, K.Y.L., Kwok, S., Sahai, R. 2006, ApJ, 650, 237, "A Study of H<sub>2</sub> Emission in the Bipolar Proto-Planetary Nebula IRAS 17150-3224"
- Hrivnak, B.J., Smith, N., Kate Y.L., et al. 2006, IAU Symp. 234, eds. M.J. Barlow and R.H. Méndez (Cambridge), 423, "Using H<sub>2</sub> Emission to Study the Fast Wind in Proto-Planetary Nebulae"
- Huang, J.-S., Ashby, M., Barmby, P., et al. 2007, ApJ, 664, 840, "The Local Galaxy 8  $\mu$ m Luminosity Function"
- Hynes, R.I., Robinson, E.L., Pearson, K.J., et al. 2006, ApJ, 651, 401, "Further Evidence for Variable Synchrotron Emission in XTE J1118+480 in Outburst"
- Imai, K., Matsuhara, H., Oyabu, S., et al. 2007, AJ, 133, 2418, "J- and Ks-Band Galaxy Counts and Color Distributions in the AKARI North Ecliptic Pole Field"
- Jacobson, H.R., Friel, E.D., Pilachowski, C.A. 2007, AJ, 134, 1216, "Na, Al, and O Abundances of Open Clusters NGC 7142, NGC 6939, and IC 4756"
- Jenkins, L.P., Hornschemeier, A.E., Mobasher, B., Alexander, D.M., Bauer, F.E. 2007, ApJ, 666, 846, "Uncovering the Near-IR Dwarf Galaxy Population of the Coma Cluster with Spitzer IRAC"
- Johnson, C.I., Pilachowski, C.A. 2006, AJ, 132, 2346, "A Moderate Sample Size, Multielement Analysis of the Globular Cluster M12 (NGC 6218)"
- Johnson, J.A., Herwig, F., Beers, T.C., Christlieb, N. 2007, ApJ, 658, 1203, "A Search for Nitrogen-enhanced Metal-poor Stars"
- Kafka, S.** 2007, ASP Conf. 240, eds. W.I. Hartkopf, E.F. Guinan, and P. Harmanec (Cambridge), 154, "Detecting Chromospheric Activity on the Secondary Star of Cataclysmic Variables"
- Kafka, S.,** Honeycutt, R.K. 2006, AJ, 132, 1517, "Spectroscopy of Active and Inactive M Dwarfs in Praesepe"
- Kafka, S., Howell, S.B.,** Honeycutt, R.K., Robertson, J.W. 2007, AJ, 133, 1645, "A Photometric and Spectroscopic Study of the Cataclysmic Variable ST LMi During 2005-2006"
- Kampezyk, P., Lilly, S.J., Carollo, C.M., et al. 2007, ApJS, 172, 329, "Simulating the Cosmos: The Fraction of Merging Galaxies at High Redshift"
- Kartaltepe, J.S., Sanders, D.B., Scoville, N.Z., et al. 2007, ApJS, 172, 320, "Evolution of the Frequency of Luminous ( $\geq L^*V$ ) Close Galaxy Pairs at  $z < 1.2$  in the COSMOS Field"

- Khosroshahi, H.G., Ponman, T.J., Jones, L.R. 2007, MNRAS, 377, 595, “Scaling Relations in Fossil Galaxy”
- Kim, S.C., Lee, M.G., Geisler, D., et al. 2007, AJ, 134, 706, “Wide-Field Survey of Globular Clusters in M31. I. A Catalog of New Clusters”
- Kim, S.C., Lee, M.G., Park, H.S., et al. 2007, Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias), 28, 104, “Spectroscopic Study of the Globular Clusters in M31”
- Kim, S.C., Lee, M.G., Park, H.S., et al. 2007, ASP Conf. 362, eds. Y.W. Kang, et al. (ASP), 286, “Discovery of New Globular Clusters in the Andromeda Galaxy (M31)”
- Kiminki, D.C., Kobulnicky, H.A., Kinemuchi, K., et al. 2007, ApJ, 664, 1102, “A Radial Velocity Survey of the Cyg OB2 Association”
- Kinman, T.D.**, Cacciari, C., Bragaglia, A., Buzzoni, A., Spagna, A. 2007, MNRAS, 375, 1381, “Kinematic Structure in the Galactic Halo at the North Galactic Pole: RR Lyrae and Blue Horizontal Branch Stars Show Different Kinematics”
- Knight, M.M., Walsh, K.J., ... **Samarasinha, N.H.**, et al. 2007, Icarus, 187, 199, “Ground-based Visible and Near-IR Observations of Comet 9P/Tempel 1 During the Deep Impact Encounter”
- Koekemoer, A.M., Aussel, H., Calzetti, D., et al. 2007, ApJS, 172, 196, “The COSMOS Survey: Hubble Space Telescope Advanced Camera for Surveys Observations and Data Processing”
- Kovari, Z., Bartus, J., Strassmeier, K.G., et al. 2007, A&A, 463, 1071, “Doppler Imaging of Stellar Surface Structure. XXIII. The Ellipsoidal K Giant Binary  $\zeta$  Andromedae”
- Kwitter, K.B., Henry, R.B.C. 2006, IAU Symp. 234, eds. M.J. Barlow and R.H. Méndez (Cambridge), 443, “Gallery of Planetary Nebula Spectra”
- Landolt, A.U., Uomoto, A.K. 2007, AJ, 133, 768, “Optical Multicolor Photometry of Spectrophotometric Standard Stars”
- Leauthaud, A., Massey, R., Kneib, J.-P., et al. 2007, ApJS, 172, 219, “Weak Gravitational Lensing with COSMOS: Galaxy Selection and Shape Measurements”
- Lee, H.-T., Chen, W.P. 2007, ApJ, 657, 884, “Triggered Star Formation by Massive Stars”
- Li, J.Z., Chu, Y.-H., Gruendl, R.A., Bally, J., Su, W. 2007, ApJ, 659, 1373, “Resolving the Nature of the Rosette HH 1 Jet Facing Strong UV Dissipation”
- Lilly, S.J., Le Fèvre, O., ... **Daddi, E.**, et al. 2007, ApJS, 172, 70, “zCOSMOS: A Large VLT/VIMOS Redshift Survey Covering  $0 < z < 3$  in the COSMOS Field”
- Lin, Y.-T., Mohr, J.J. 2007, ApJS, 170, 71, “Radio Sources in Galaxy Clusters: Radial Distribution, and 1.4 GHz and K-band Bivariate Luminosity Function”
- Lin, Y.-T., Mohr, J.J., Gonzalez, A.H., Stanford, S.A. 2006, ApJ, 650, L99, “Evolution of the K-Band Galaxy Cluster Luminosity Function and Scaling Relations”
- Linsky, J.L., Gagne, M., Mytyk, A., McCaughrean, M., Andersen, M. 2007, ApJ, 654, 347, “Chandra Observations of the Eagle Nebula. I. Embedded Young Stellar Objects near the Pillars of Creation”

- Liu, C.T., Hooper, E.J., O’Neil, K., et al. 2007, ApJ, 658, 249, “G515, Revisited. I. Stellar Populations and Evidence of Nuclear Activity in A Luminous ‘E+A’ Galaxy”
- Londish, D., Croom, S.M., Heidt, J., et al. 2007, MNRAS, 374, 556, “The 2QZ BL Lac Survey – II”
- Lugger, P.M., Cohn, H.N., Heinke, C.O., Grindlay, J.E., Edmonds, P.D. 2007, ApJ, 657, 286, “Chandra X-Ray Sources in the Collapsed-Core Globular Cluster M30 (NGC 7099)”
- Magliocchetti, M., Silva, L., Lapi, A., et al. 2007, MNRAS, 375, 1121, “A Highly Obscured and Strongly Clustered Galaxy Population Discovered with the Spitzer Space Telescope”
- Margutti, R., Chincarini, G. 2007, The Multicolored Landscape of Compact Objects and their Explosive Origins, eds. L.A. Antonelli, et al. (American Institute of Physics), 135, “LGRB/SN Host Galaxies and the KISS Survey: HG031203 Case Study”
- Marleau, F.R., Fadda, D., Appleton, P.N., et al. 2007, ApJ, 663, 218, “Spectroscopic Survey of 1.4 GHz and 24  $\mu$ m Sources in the Spitzer First Look Survey with WIYN Hydra”
- Massey, P., **Olsen, K.A.G.**, ... **Smith, R. C.**, et al. 2007, AJ, 133, 2393, “A Survey of Local Group Galaxies Currently Forming Stars. II. UBVRI Photometry of Stars in Seven Dwarfs and a Comparison of the Entire Sample”
- Massey, R., Rhodes, J., Ellis, R., et al. 2007, Nature, 445, 286, “Dark Matter Maps Reveal Cosmic Scaffolding”
- Massey, R., Rhodes, J., Leauthaud, A., et al. 2007, ApJS, 172, 239, “COSMOS: Three-dimensional Weak Lensing and the Growth of Structure”
- Masters, K.L., Springob, C.M., Haynes, M.P., Giovanelli, R. 2006, ApJ, 653, 861, “SFI++ I: A New I-Band Tully-Fisher Template, the Cluster Peculiar Velocity Dispersion, and  $H_0$ ”
- Mazzuca, L.M., Sarzi, M., Knapen, J.H., Veilleux, S., Swaters, R. 2006, ApJ, 649, L79, “Minor Merger Origin for the Circumnuclear Starburst in NGC 7742”
- McCracken, H.J., Peacock, J.A., Guzzo, L., et al. 2007, ApJS, 172, 314, “The Angular Correlations of Galaxies in the COSMOS Field”
- McGreer, I.D., Becker, R.H., Helfand, D.J., White, R.L. 2006, ApJ, 652, 157, “Discovery of a  $z = 6.1$  Radio-Loud Quasar in the NOAO Deep Wide Field Survey”
- McSwain, M.V., Boyajian, T.S., Grundstrom, E.D., Gies, D.R. 2007, ApJ, 655, 473, “A Spectroscopic Study of Field and Runaway OB Stars”
- Meibom, S., Mathieu, R.D., Stassun, K.G. 2006, ApJ, 653, 621, “An Observational Study of Tidal Synchronization in Solar-Type Binary Stars in the Open Clusters M35 and M34”
- Meibom, S., Mathieu, R.D., Stassun, K.G. 2007, ApJ, 665, L155, “The Effect of Binarity on Stellar Rotation: Beyond the Reach of Tides”
- Meyer, D.M., Lauroesch, J.T., Heiles, C., Peek, J.E.G., Engelhorn, K. 2006, ApJ, 650, L67, “A Cold Nearby Cloud inside the Local Bubble”

- Miknaitis, G., ... **Rest, A.**, ... **Smith, R.C.**, ... **Suntzeff, N.B.**, ... **Matheson, T.**, et al. 2007, ApJ, 666, 674, “The ESSENCE Supernova Survey: Survey Optimization, Observations, and Supernova Photometry”
- Miller, B., Budaj, J., Richards, M., Koubský, P., Peters, G.J. 2007, ApJ, 656, 1075, “Revealing the Nature of Algol Disks through Optical and UV Spectroscopy, Synthetic Spectra, and Tomography of TT Hydrae”
- Mobasher, B., Capak, P., ... **Mould, J.**, et al. 2007, ApJS, 172, 117, “Photometric Redshifts of Galaxies in COSMOS”
- Moss, C. 2006, MNRAS, 373, 167, “Enhanced Mergers of Galaxies in Low-redshift Clusters”
- Movsessian, T.A., Magakian, T.Y., Bally, J., et al. 2007, A&A, 470, 605, “Herbig-Haro Jets in 3D: the HL/XZ Tauri Region”
- Mukadam, A.S., Gänsicke, B.T., ... **Howell, S.B.**, et al. 2007, ApJ, 667, 433, “Discovery of Two New Accreting Pulsating White Dwarf Stars”
- Muñoz, R.R., Carlin, J.L., Frinchaboy, P.M., et al. 2006, ApJ, 650, L51, “Exploring Halo Substructure with Giant Stars: The Dynamics and Metallicity of the Dwarf Spheroidal in Boötes”
- Muzzin, A., Yee, H.K.C., Hall, P.B., Ellingson, E., Lin, H. 2007, ApJ, 659, 1106, “Near-Infrared Properties of Moderate-Redshift Galaxy Clusters: Luminosity Functions and Density Profiles”
- Muzzin, A., Yee, H.K.C., Hall, P.B., Lin, H. 2007, ApJ, 663, 150, “Near-Infrared Properties of Moderate-Redshift Galaxy Clusters. II. Halo Occupation Number, Mass-to-Light Ratios, and  $\Omega_m$ ”
- Nestor, D.B., Turnshek, D.A., Rao, S.M., Quider, A.M. 2007, ApJ, 658, 185, “The Environments of Ultrastrong Mg II Absorbers”
- Noordermeer, E., van der Hulst, J.M., Sancisi, R., Swaters, R.S., van Albada, T.S. 2007, MNRAS, 376, 1513, “The Mass Distribution in Early-type Disc Galaxies: Declining Rotation Curves and Correlations with Optical Properties”
- Nordhagen, S., Herbst, W., Rhode, K.L., Williams, E.C. 2006, AJ, 132, 1555, “The Variability and Rotation of Pre-Main-Sequence Stars in IC 348: Does Intracluster Environment Influence Stellar Rotation?”
- Ohta, K., Aoki, K., Kawaguchi, T., Kiuchi, G. 2007, ApJS, 169, 1, “A Bar Fuels a Supermassive Black Hole?: Host Galaxies of Narrow-Line Seyfert 1 Galaxies”
- Padovani, P., Giommi, P., Landt, H., Perlman, E.S. 2007, ApJ, 662, 182, “The Deep X-Ray Radio Blazar Survey. III. Radio Number Counts, Evolutionary Properties, and Luminosity Function of Blazars”
- Pandey, S.B., Castro-Tirado, A.J., McBreen, S., et al. 2006, A&A, 460, 415, “Multi-wavelength Afterglow Observations of the High Redshift GRB 050730”
- Pannuti, T.G., Schlegel, E.M., Lacey, C.K. 2007, AJ, 133, 1361, “A Search for Chandra-detected X-Ray Counterparts to Optically Identified and Candidate Radio Supernova Remnants in Five Nearby Face-on Spiral Galaxies”
- Piranomonte, S., Perri, M., Giommi, P., Landt, H., Padovani, P. 2007, A&A, 470, 787, “The Sedentary Survey of Extreme High-energy Peaked BL Lacs. III. Results from Optical Spectroscopy”

Raiteri, C.M., Villata, M., Kadler, M., et al. 2006, A&A, 459, 731, “Multifrequency Variability of the Blazar AO 0235+164. The WEBT Campaign in 2004-2005 and Long-term SED Analysis”

Ravindranath, S., ... **Lotz, J., Dickinson, M.**, et al. 2006, ApJ, 652, 963, “The Morphological Diversities among Star-forming Galaxies at High Redshifts in the Great Observatories Origins Deep Survey”

**Reddy, N.A.**, Steidel, C.C., Erb, D.K., Shapley, A.E., Pettini, M. 2006, ApJ, 653, 1004, “A Spectroscopic Survey of Redshift  $1.4 < z < 3.0$  Galaxies in the GOODS-North Field: Survey Description, Catalogs, and Properties”

Reid, I.N., Cruz, K.L., Allen, P.R. 2007, AJ, 133, 2825, “Meeting the Cool Neighbors. XI. Beyond the NLTT Catalog”

Rhodes, J.D., Massey, R.J., Albert, J., et al. 2007, ApJS, 172, 203, “The Stability of the Point-Spread Function of the Advanced Camera for Surveys on the Hubble Space Telescope and Implications for Weak Gravitational Lensing”

Rines, K., Finn, R., Vikhlinin, A. 2007, ApJ, 665, L9, “An Extremely Massive Dry Galaxy Merger in a Moderate Redshift Cluster”

Robin, A.C., Rich, R.M., Aussel, H., et al. 2007, ApJS, 172, 545, “The Stellar Content of the COSMOS Field as Derived from Morphological and SED-based Star/Galaxy Separation”

Robinson, S.E., Ammons, S.M., Kretke, K.A., et al. 2007, ApJS, 169, 430, “The N2K Consortium. VII. Atmospheric Parameters of 1907 Metal-rich Stars: Finding Planet-Search Targets”

Rodighiero, G., Gruppioni, C., Civano, F., et al. 2007, MNRAS, 376, 416, “Hidden Activity in High-redshift Spheroidal Galaxies from Mid-infrared and X-ray Observations in the GOODS-North Field”

Rodighiero, G., Lari, C., Pozzi, F., et al. 2006, MNRAS, 371, 1891, “Counting Individual Galaxies from Deep 24- $\mu$ m Spitzer Surveys”

Sanders, D.B., Salvato, M., ... **Daddi, E.**, et al. 2007, ApJS, 172, 86, “S-COSMOS: The Spitzer Legacy Survey of the Hubble Space Telescope ACS 2 deg<sup>2</sup> COSMOS Field I: Survey Strategy and First Analysis”

Sarajedini, A., Mancone, C.L. 2007, AJ, 134, 447, “A Catalog of Star Cluster Candidates in M33”

Sargent, M.T., Carollo, C.M., Lilly, S.J., et al. 2007, ApJS, 172, 434, “The Evolution of the Number Density of Large Disk Galaxies in COSMOS”

Scarlata, C., Carollo, C.M., ... **Daddi, E.**, et al. 2007, ApJS, 172, 494, “The Redshift Evolution of Early-Type Galaxies in COSMOS: Do Massive Early-Type Galaxies Form by Dry Mergers?”

Scarlata, C., Carollo, C.M., Lilly, S. et al. 2007, ApJS, 172, 406, “COSMOS Morphological Classification with the Zurich Estimator of Structural Types (ZEST) and the Evolution Since  $z = 1$  of the Luminosity Function of Early, Disk, and Irregular Galaxies”

Schiavon, R.P. 2007, ApJS, 171, 146, “Population Synthesis in the Blue. IV. Accurate Model Predictions for Lick Indices and UBV Colors in Single Stellar Populations”

Schmidt, M.R., Mikolajewska, J., Zacs, L., **Hinkle, K.H.** 2007, Baltic Astro., 16, 14, “Chemical Composition and Spectroscopic Variability of CH CYG”

- Scoville, N., Aussel, H., Benson, A., et al. 2007, ApJS, 172, 150, “Large Structures and Galaxy Evolution in COSMOS at  $z < 1.1$ ”
- Scoville, N., Aussel, H., Brusa, M., et al. 2007, ApJS, 172, 1, “The Cosmic Evolution Survey (COSMOS): Overview”
- Shara, M.M., Martin, C.D., Seibert, M., et al. 2007, Nature, 446, 159, “An Ancient Nova Shell around the Dwarf Nova Z Camelopardalis”
- Sharpee, B., Zhang, Y., Williams, R., et al. 2007, ApJ, 659, 1265, “s-Process Abundances in Planetary Nebulae”
- Shporer, A., Hartman, J., Mazeh, T., Pietsch, W. 2007, A&A, 462, 1091, “Photometric Analysis of the Optical Counterpart of the Black Hole HMXB M 33 X-7”
- Smolčić, V., Schinnerer, E., Finoguenov, A., et al. 2007, ApJS, 172, 295, “A Wide-Angle Tail Radio Galaxy in the COSMOS Field: Evidence for Cluster Formation”
- Sohn, S.T., Majewski, S.R., Muñoz, R.R., et al. 2007, ApJ, 663, 960, “Exploring Halo Substructure with Giant Stars. X. Extended Dark Matter or Tidal Disruption?: The Case for the Leo I Dwarf Spheroidal Galaxy”
- Sonnentrucker, P., Welty, D.E., Thorburn, J.A., York, D.G. 2007, ApJS, 168, 58, “Abundances and Behavior of 12CO, 13CO, and C2 in Translucent Sight Lines”
- Spekkens, K., Giovanelli, R. 2006, AJ, 132, 1426, “The Structure of Rapidly Rotating Late-Type Spiral Galaxies. I. Photometry, H I, and Optical Kinematics”
- Stassun, K.G., Mathieu, R.D., Valenti, J.A. 2007, ApJ, 664, 1154, “A Surprising Reversal of Temperatures in the Brown Dwarf Eclipsing Binary 2MASS J05352184-0546085”
- Stassun, K.G., van den Berg, M., Feigelson, E., Flaccomio, E. 2006, ApJ, 649, 914, “A Simultaneous Optical and X-Ray Variability Study of the Orion Nebula Cluster. I. Incidence of Time-correlated X-Ray/Optical Variations”
- Stello, D., Bruntt, H., Kjeldsen, H., et al. 2007, MNRAS, 377, 584, “Multisite Campaign on the Open Cluster M67 - II. Evidence for Solar-like Oscillations in Red Giant Stars”
- Stello, D., Arentoft, T., Bedding, T.R., et al. 2006, MNRAS, 373, 1141, “Multisite Campaign on the Open Cluster M67 - I. Observations and Photometric Reductions”
- Stern, D., ... **Dey, A.**, ... **Jannuzi, B.T.**, et al. 2007, ApJ, 663, 677, “Mid-Infrared Selection of Brown Dwarfs and High-Redshift Quasars”
- Sullivan, I., ... **Dey, A.**, **Dickinson, M.**, et al. 2007, ApJ, 657, 37, “Clustering of the IR Background Light with Spitzer: Contribution from Resolved Sources”
- Treuthardt, P., Buta, R. 2007, IAU Symp. 235, eds. F. Combes and J. Palous (Cambridge), 145, “The Kinematically Measured Pattern Speeds of NGC 2523 and NGC 4245”
- Treuthardt, P., Buta, R., Salo, H., Laurikainen, E. 2007, AJ, 134, 1195, “The Kinematically Measured Pattern Speeds of NGC 2523 and NGC 4245”

Trevese, D., Vagnetti, F., Puccetti, S., et al. 2007, *A&A*, 469, 1211, “An X-ray Survey in SA 57 with XMM-Newton”

Tsuzuki, Y., Kawara, K., Yoshii, Y., et al. 2006, *ApJ*, 650, 57, “Fe II Emission in 14 Low-Redshift Quasars. I. Observations”

Vaccaro, T.R., Rudkin, M., Kawka, A., et al. 2007, *ApJ*, 661, 1112, “LP 133-373: A New Chromospherically Active Eclipsing dMe Binary with a Distant, Cool White Dwarf Companion”

Weedman, D.W., ... **Dey, A., Jannuzi, B. T.**, et al. 2006, *ApJ*, 651, 101, “Spitzer IRS Spectra of Optically Faint Infrared Sources with Weak Spectral Features”

White, M., Zheng, Z., Brown, M.J.I., **Dey, A., Jannuzi, B.T.** 2007, *ApJ*, 655, L69, “Evidence for Merging or Disruption of Red Galaxies from the Evolution of Their Clustering”

**Whiting, A.B.**, Hau, G.K.T., Irwin, M., Verdugo, M. 2007, *AJ*, 133, 715, “An Observational Limit on the Dwarf Galaxy Population of the Local Group”

**Wolff, S.C., Strom, S. E.**, Dror, D., Venn, K. 2007, *AJ*, 133, 1092, “Rotational Velocities for B0-B3 Stars in Seven Young Clusters: Further Study of the Relationship between Rotation Speed and Density in Star-Forming Regions”

Wood-Vasey, W.M., ... **Matheson, T., ... Rest, A., ... Smith, R.C., ... Suntzeff, N.B.**, et al. 2007, *ApJ*, 666, 694, “Observational Constraints on the Nature of Dark Energy: First Cosmological Results from the ESSENCE Supernova Survey”

Zamojski, M.A., Schiminovich, D., Rich, R.M., et al. 2007, *ApJS*, 172, 468, “Deep GALEX Imaging of the COSMOS HST Field: A First Look at the Morphology of  $z \sim 0.7$  Star-forming Galaxies”

Zhang, Y., Williams, R., Pellegrini, E., et al. 2006, *IAU Symp.* 234, eds. M.J. Barlow and R.H. Méndez (Cambridge), 549, “Abundances of s-process Elements in Planetary Nebulae: Br, Kr & Xe”