

Appendix II. Publications

Gemini Staff Publications

Papers in Peer-Reviewed Journals:

Artigau, Etienne [1]. *Discovery of the Brightest T Dwarf in the Northern Hemisphere*. **The Astrophysical Journal**, 651:L57-L60. 11/2006.

Artigau, Etienne [1]. *Discovery of the Widest Very Low Mass Binary*. **The Astrophysical Journal**, 659:L49-L52. 4/2007.

Artigau, Etienne [4]. *Improving the Speckle Noise Attenuation of Simultaneous Spectral Differential Imaging with a Focal Plane Holographic Diffuser*. **The Astrophysical Journal**, 661:1208-1217. 6/2007.

Artigau, Etienne [5]. *A New Algorithm for Point-Spread Function Subtraction in High-Contrast Imaging: A Demonstration with Angular Differential Imaging*. **The Astrophysical Journal**, 660:770-780. 5/2007.

Aspin, C. [3]; Beck, T. [5]. *An outbursting protostar of the FU Orionis type in the Cygnus OB7 molecular cloud*. **Astronomy and Astrophysics**, 455:1001-1008. 9/2006.

Aspin, Colin [6]. *Multiple Outflows and Protostars near IC 348 and the Flying Ghost Nebula*. **The Astronomical Journal**, 132:467-477. 8/2006.

Aspin, Colin [1]. *High Spectral Resolution Near-IR Observations of ESO-H α 279A and 279B*. **The Astronomical Journal**, 133:568-575. 2/2007.

Aspin, Colin [1]. *The 1966-1967 Outburst of V1647 Orionis and the Appearance of McNeil's Nebula*. **The Astronomical Journal**, 132:1298-1306. 9/2006.

Aspin, Colin [2]; Beck, Tracy [3]. *V733 Cep (Persson's Star): A New FU Orionis Object in Cepheus*. **The Astronomical Journal**, 133:1000-1011. 3/2007.

Beck, T. L. [3]. *Dynamical Mass Estimates for Incomplete Orbits: Young Multiple Stars in Taurus and Ophiuchus*. **The Astronomical Journal**, 132:2618-2633. 12/2006.

Beck, Tracy L. [1]. *Investigating the Nature of Variable Class I and Flat-Spectrum Protostars Using 2-4 μ m Spectroscopy*. **The Astronomical Journal**, 133:1673-1689. 4/2007.

Beck, Tracy L. [1]. *The Structure of the Inner HH 34 Jet from Optical Integral Field Spectroscopy*. **The Astronomical Journal**, 133:1221-1235. 4/2007.

Carrasco, Eleazar R. [1]. *The Dwarf Galaxy Population in Nearby Groups: The Data*. **The Astronomical Journal**, 132:1796-1817. 11/2006.

Dall, T. H. [2]. *On the abundances of GRO J1655-40*. **Astronomy and Astrophysics**, 464:L61-L64. 3/2007.

Dall, T. H. [8]. *Multisite campaign on the open cluster M67 - III. δ Scuti pulsations in the blue stragglers*. **Monthly Notices of the Royal Astronomical Society**, 378:1371-1384. 7/2007.

Diaz, Ruben J. [1]. *Hidden Trigger for the Giant Starburst Arc in M83?* **The Astrophysical Journal**, 652:1122-1128. 12/2006.

Diaz, Ruben J. [3]. *Photometry and Kinematics of Two Minor Merger Candidate Galaxies*. **The Astronomical Journal**, 133:2327-2333. 5/2007.

De Buizer, James M. [5]. SN 1987A after 18 Years: Mid-Infrared Gemini and Spitzer Observations of the Remnant. **The Astrophysical Journal**, 650:212-227. 10/2006.

De Buizer, J. M. [5]; Hayward, T.[8]. *Born-Again Protoplanetary Disk around Mira B*. **The Astrophysical Journal**, 662:651-657. 6/2007.

De Buizer, James M. [1]. *The Complex Mid-Infrared Structure at the Heart of IRAS 20126+4104*. **The Astrophysical Journal**, 654:L147-L150. January, 2007.

Farihi, J. [15]. The nature of the close magnetic white dwarf + probable brown dwarf binary SDSSJ121209.31+013627.7. **Monthly Notices of the Royal Astronomical Society**, 373:1416-1422. 12/2006.

Farihi, J. [2]. *Externally Polluted White Dwarfs with Dust Disks*. **The Astrophysical Journal**, 663:1285-1290. 7/2007.

Farihi, J. [2]. Infrared Emission from the Dusty Disk Orbiting GD 362, an Externally Polluted White Dwarf. **The Astronomical Journal**, 133:1927-1933. 5/2007.

Fisher, R. S. [3]; Radomski, J. T. [5]. *Mid-Infrared Imaging of the Herbig Ae Star AB Aurigae: Extended Emission on Several Scales*. **The Astrophysical Journal**, 653:1353-1357. 12/2006.

Fisher, S. [3]; Volk, K. [4]; Mason, R. [5]; Radomski, J. [9]. *Gemini Mid-IR Polarimetry of NGC 1068: Polarized Structures around the Nucleus*. **The Astrophysical Journal**, 661:L29-L32. 5/2007.

Geballe, T. R. [1]; Rigaut, F. [3]; Roy, J.-R. [4]. *The K-Band Spectrum of the Hot Star in IRS 8: An Outsider in the Galactic Center?* **The Astrophysical Journal**, 652:370-375. 11/2006.

Geballe, T. R. [1]. Infrared spectroscopy of carbon monoxide in V838 Monocerotis during 2002-2006. **Astronomy and Astrophysics**, 467:269-275. 5/2007.

Geballe, T. R. [12]. Spitzer and Ground-based Infrared Observations of the 2006 Eruption of RS Ophiuchi. **The Astrophysical Journal**, 663:L29-L32. 7/2007.

Geballe, T. R. [2]. A Study of the 3.3 and 3.4 μm Emission Features in Proto-Planetary Nebulae. **The Astrophysical Journal**, 662:1059-1066. 6/2007.

Geballe, T. R. [2]. IRAS 08572+3915: constraining the aromatic versus aliphatic content of interstellar HACs. **Astronomy and Astrophysics**, 463:635-640. 2/2007.

Geballe, T. R. [2]. Very Large Excesses of ^{18}O in Hydrogen-deficient Carbon and R Coronae Borealis Stars: Evidence for White Dwarf Mergers. **The Astrophysical Journal**, 662:1220-1230. 6/2007.

Geballe, T. R. [5]. *The Spitzer Infrared Spectrometer view of V4334 Sgr (Sakurai's Object)*. **Monthly Notices of the Royal Astronomical Society: Letters**, 373:L75-L79. 11/2006.

Geballe, T. R. [5]. Variability in the H^+_3 emission of Saturn: Consequences for ionisation rates and temperature. **Icarus**, 186:234-241. January, 2007.

Geballe, T. R. [6]. SDSS J1534+1615AB: A Novel T Dwarf Binary Found with Keck Laser Guide Star Adaptive Optics and the Potential Role of Binarity in the L/T Transition. **The Astrophysical Journal**, 647:1393-1404. 8/2006.

Geballe, T. R. [8]. *Infrared observations of the 2006 outburst of the recurrent nova RS Ophiuchi: the early phase*. **Monthly Notices of the Royal Astronomical Society: Letters**, 374:L1-L5. January, 2007.

Geballe, Thomas R. [3]. High-resolution spectroscopy of Saturn at 3 microns: CH_4 , CH_3D , C_2H_2 , C_2H_6 , PH_3 , clouds, and haze. **Icarus**, 185:476-486. 12/2006.

Gomez, P. [6]. The CFHTLS strong lensing legacy survey. I. Survey overview and T0002 release sample. **Astronomy and Astrophysics**, 461:813-821. January, 2007.

Guzman, C. Dani [7]. *The Automated Palomar 60 Inch Telescope*. **The Publications of the Astronomical Society of the Pacific**, 118:1396-1406. 10/2006.

Hayward, T. L. [7]. *Infrared Counterparts to Chandra X-Ray Sources in the Antennae*. **The Astrophysical Journal**, 658:319-327. 3/2007.

Hirst, P. [11]. *The colour selection of distant galaxies in the UKIDSS Ultra Deep Survey Early Data Release*. **Monthly Notices of the Royal Astronomical Society: Letters**, 379:L25-L29. 7/2007.

Jensen, Joseph B. [2]. The Brightest Stars in M32: Comparing Predictions from Spectra with the Resolved Stellar Content. **The Astronomical Journal**, 133:576-597. 2/2007.

Jensen, Joseph B. [2]. *The Central Regions of M31 in the 3-5 $\hat{\mu}\text{m}$ Wavelength Region*. **The Astronomical Journal**, 132:521-530. 8/2006.

Jørgensen, Inger [16]; Roth, Kathy [17]. *A Compact Cluster of Massive Red Galaxies at a Redshift of 1.5*. **The Astrophysical Journal**, 664:L17-L21. 7/2007.

Jørgensen, Inger [2]; Chiboucas, Kristin[3]; Bergmann, Marcel [5]. *The Fundamental Plane in RX J0142.0+2131: A Galaxy Cluster Merger at $z=0.28$* . **The Astrophysical Journal**, 649:L1-L4. 9/2006.

Jørgensen, Inger [3]. The Influence of Mass and Environment on the Evolution of Early-Type Galaxies. **The Astrophysical Journal**, 647:L99-L102. 8/2006.

Labrie, Kathleen [1]. *Near-Infrared [Fe II] Emission in Starburst Galaxies. I. Measured Properties*. **The Astrophysical Journal Supplement Series**, 166:188-210. 9/2006.

Ledlow, Michael J. [4]. *The Spiral Host Galaxy of the Double Radio Source 0313-192*. **The Astronomical Journal**, 132:2233-2242. 12/2006.

Lee, Henry [1]. Interstellar medium oxygen abundances of dwarf irregular galaxies in Centaurus A and nearby groups. **Monthly Notices of the Royal Astronomical Society**, 376:820-840. 4/2007.

Leggett, S. K. [1]; Geballe, T. R. [4]. 3.6-7.9 μm Photometry of L and T Dwarfs and the Prevalence of Vertical Mixing in their Atmospheres. **The Astrophysical Journal**, 655:1079-1094. 2/2007.

Leggett, S. K. [1]. JHK observations of faint standard stars in the Mauna Kea Observatories near-infrared photometric system. **Monthly Notices of the Royal Astronomical Society**, 373:781-792. 12/2006.

Leggett, S. K.[2]. The Late-T Dwarf Companion to the Exoplanet Host Star HD 3651: A New Benchmark for Gravity and Metallicity Effects in Ultracool Spectra. **The Astrophysical Journal**, 660:1507-1516. 5/2007.

Leggett, S. K. [3]; Geballe, T. R.[4]. *Physical Parameters of Two Very Cool T Dwarfs*. **The Astrophysical Journal**, 656:1136-1149. 2/2007.

Leggett, S. K. [5]. A Spitzer Infrared Spectrograph Spectral Sequence of M, L, and T Dwarfs. **The Astrophysical Journal**, 648:614-628. 9/2006.

Leggett, S. K. [8]. Moderate-Resolution Spitzer Infrared Spectrograph Observations of M, L, and T Dwarfs. **The Astrophysical Journal**, 662:1245-1253. 6/2007.

Leggett, S. K. [9]. *Two T dwarfs from the UKIDSS early data release*. **Astronomy and Astrophysics**, 466:1059-1064. 5/2007.

Mason, R. E. [1]; Radomski, J.[5]. *Dust and PAH Emission in the Star-forming Active Nucleus of NGC 1097*. **The Astrophysical Journal**, 659:241-249. 4/2007.

Mason, R. E. [1]. *Spectropolarimetry of the 3.4 μm Absorption Feature in NGC 1068*. **The Astrophysical Journal**, 656:798-804. 2/2007.

Mason, R. E. [2]; Radomski, James [9]. *The Mid-Infrared Emission of M87*. **The Astrophysical Journal**, 663:808-815. 7/2007.

Mason, R. E. [3]; Radomski, J. T.[4]. *Spatially resolved mid-infrared spectroscopy of IC5063*. **Monthly Notices of the Royal Astronomical Society**, 378:888-892. 7/2007.

Mason, R. E. [7]. Spectropolarimetry of the 3.4 μm Feature in the Diffuse ISM toward the Galactic Center Quintuplet Cluster. **The Astrophysical Journal**, 651:268-271. 11/2006.

Mason, Rachel E. [4]. *Silicate absorption in heavily obscured galaxy nuclei*. **Monthly Notices of the Royal Astronomical Society**, 375:99-104. 2/2007.

Nitta, A. [6]. Spectral analyses of eighteen hot H-deficient (pre-) white dwarfs from the Sloan Digital Sky Survey Data Release 4. **Astronomy and Astrophysics**, 454:617-624. 8/2006.

Nitta, A. [31]. *A Curious Milky Way Satellite in Ursa Major*. **The Astrophysical Journal**, 650:L41-L44. 10/2006.

Nitta, A. [33]. *Cats and Dogs, Hair and a Hero: A Quintet of New Milky Way Companions*. **The Astrophysical Journal**, 654:897-906. January, 2007.

Nitta, A. [26]. Discovery of an Unusual Dwarf Galaxy in the Outskirts of the Milky Way. **The Astrophysical Journal**, 656:L13-L16. 2/2007.

Nitta, A. [3]. *White dwarf mass distribution in the SDSS*. **Monthly Notices of the Royal Astronomical Society**, 375:1315-1324. 3/2007.

Nitta, A. [6]. Spectral analyses of eighteen hot H-deficient (pre-) white dwarfs from the Sloan Digital Sky Survey Data Release 4. **Astronomy and Astrophysics**, 454:617-624. 8/2006.

Nitta, A. [8]. *Towards a pure ZZ Ceti instability strip*. **Astronomy and Astrophysics**, 462:989-993. 2/2007.

Nitta, Atsuko [6]. Hubble Space Telescope and Optical Observations of Three Pulsating Accreting White Dwarfs in Cataclysmic Variables. **The Astrophysical Journal**, 658:1188-1195. 4/2007.

Nitta, A. [38]. The Sloan Digital Sky Survey Quasar Catalog. IV. Fifth Data Release. **The Astronomical Journal**, 134:102-117. 7/2007.

Pu'uohau-Pummill, Kirk [5]. Image-Processing Techniques for the Creation of Presentation-Quality Astronomical Images. **The Astronomical Journal**, 133:598-611. 2/2007.

Puxley, P. [8]. Properties of Ellipticity Correlation with Atmospheric Structure from Gemini South. **The Astrophysical Journal**, 659:69-75. 4/2007.

Radomski, James T. [6]. High Spatial Resolution T-ReCS Mid-Infrared Imaging of Luminous Infrared Galaxies. **The Astrophysical Journal**, 652:L83-L87. 12/2006.

Rhee, Joseph H. [1]; Song, Inseok[2]. *Characterization of Dusty Debris Disks: The IRAS and Hipparcos Catalogs*. **The Astrophysical Journal**, 660:1556-1571. 5/2007.

Roth, K. C. [12]. The Afterglow, Energetics, and Host Galaxy of the Short-Hard Gamma-Ray Burst 051221a. **The Astrophysical Journal**, 650:261-271. 10/2006.

Roth, K. C. [11]. *Properties of a Gamma-Ray Burst Host Galaxy at $z \sim 5$* . **The Astrophysical Journal**, 663:L57-L60. 7/2007.

Song, Inseok [1]; Farihi, J. [4]. HST NICMOS Imaging of the Planetary-mass Companion to the Young Brown Dwarf 2MASSW J1207334-393254. **The Astrophysical Journal**, 652:724-729. 11/2006.

Song, Inseok [3]; Kim, S. [4]. *The Carina-Near Moving Group*. **The Astrophysical Journal**, 649:L115-L118. 10/2006.

Song, Inseok [3]. The Wide Brown Dwarf Binary Oph 1622-2405 and Discovery of a Wide, Low-Mass Binary in Ophiuchus (Oph 1623-2402): A New Class of Young Evaporating Wide Binaries? **The Astrophysical Journal**, 660:1492-1506. 5/2007.

Starr, Daniel [5]. Multicolor Infrared Observations of SN 2006aj. I. The Supernova Associated with XRF 060218. **The Astrophysical Journal**, 663:1180-1186. 7/2007.

Trancho, Gelys [1]; Miller, Bryan W.[3]. Gemini Spectroscopic Survey of Young Star Clusters in Merging/Interacting Galaxies. II. NGC 3256 Clusters. **The Astrophysical Journal**, 664:284-295. 7/2007.

Trancho, Gelys [1]; Miller, Bryan W.[4]. Gemini Spectroscopic Survey of Young Star Clusters in Merging/Interacting Galaxies. I. NGC 3256 Tidal Tail Clusters. **The Astrophysical Journal**, 658:993-998. 4/2007.

Trujillo, C. A. [7]. *Methane and Ethane on the Bright Kuiper Belt Object 2005 FY9*. **The Astronomical Journal**, 133:284-289. 1/2007.

Trujillo, Chadwick A. [5]. *Dissipation of Titan's south polar clouds*. **Icarus**, 184:517-523. 10/2006.

Trujillo, Chadwick A. [1]. *The Surface of 2003 EL₆₁ in the Near-Infrared*. **The Astrophysical Journal**, 655:1172-1178. 2/2007.

Trujillo, Chadwick A. [4]; Geballe, T. R. [5]. *Near-Infrared Spectroscopy of Charon: Possible Evidence for Cryovolcanism on Kuiper Belt Objects*. **The Astrophysical Journal**, 663:1406-1419. 7/2007.

Turner, James [5]; Rodgers, Bernadette [6]. *New techniques for integral field spectroscopy - II. Performance of the GNIRS IFU*. **Monthly Notices of the Royal Astronomical Society**, 376:785-792. 4/2007.

Volk, K. [19]. Spitzer SAGE Survey of the Large Magellanic Cloud. II. Evolved Stars and Infrared Color-Magnitude Diagrams. **The Astronomical Journal**, 132:2034-2045. 11/2006.

Volk, K. [9]. *A Debris Disk around the Central Star of the Helix Nebula?* **The Astrophysical Journal**, 657:L41-L45. 3/2007.

Volk, Kevin [1]. An Infrared Imaging Study of the Bipolar Proto-Planetary Nebula IRAS 16594-4656. **The Astrophysical Journal**, 651:294-300. 11/2006.

Vock, Kevin [47]. Spitzer Survey of the Large Magellanic Cloud: Surveying the Agents of a Galaxy's Evolution (SAGE). I. Overview and Initial Results. **The Astronomical Journal**, 132:2268-2288. 12/2006.

Volk, Kevin [7]; Geballe, T. R.[8]. *W51 IRS 2: A Massive Jet Emerging from a Molecular Cloud into an H II Region.* **The Astrophysical Journal**, 658:L45-L49. 3/2007.

West, Michael J. [10]. *The ACS Fornax Cluster Survey. I. Introduction to the Survey and Data Reduction Procedures.* **The Astrophysical Journal Supplement Series**, 169:213-224. 4/2007.

West, Michael J. [10]. The ACS Virgo Cluster Survey. XII. The Luminosity Function of Globular Clusters in Early-Type Galaxies. **The Astrophysical Journal Supplement Series**, 171:101-145. 7/2007.

West, Michael J. [11]. The ACS Virgo Cluster Survey. XIV. Analysis of Color-Magnitude Relations in Globular Cluster Systems. **The Astrophysical Journal**, 653:193-206. 12/2006.

West, Michael J. [11]. *Trends in the Globular Cluster Luminosity Function of Early-Type Galaxies.* **The Astrophysical Journal**, 651:L25-L28. 11/2006.

West, Michael J. [3]. *Galaxy Orientations in the Coma Cluster.* **The Astrophysical Journal**, 660:L97-L100. 5/2007.

West, Michael J. [5]. The ACS Virgo Cluster Survey. XIII. SBF Distance Catalog and the Three-dimensional Structure of the Virgo Cluster. **The Astrophysical Journal**, 655:144-162. January, 2007.

Winge, Claudia [3]. Gemini near-infrared integral field spectroscopy of the narrow-line region of ESO428-G14: kinematics, excitation and the role of the radio jet. **Monthly Notices of the Royal Astronomical Society**, 373:2-12. 11/2006.

Winge, Claudia [4]. Gemini/GMOS Integral Field Unit stellar kinematics of the nuclear region of six nearby active galaxies. **Monthly Notices of the Royal Astronomical Society**, 371:170-184. 9/2006.

Papers in Non-Refereed Publications:

Beck, Tracy L. [1]. Gemini NIFS Integral Field Spectroscopy of YSO Environments: Spatially Extended Molecular Hydrogen Emission in the Inner 200 AU. **Bulletin of the American Astronomical Society**, 38:971. 12/2006.

Bergmann, M. [10]. *Imaging and Spectroscopy of Ancient Supernovae Light Echoes in the LMC*. **Bulletin of the American Astronomical Society**, 38:1099. 12/2006.

Bergmann, Marcel [7]. *Echoes of Historical Supernovae in the Milky Way Galaxy*. **NOAO Proposal ID #2006B-0301**, 8/2006.

Bergmann, Marcel [7]. *Echoes of Historical Supernovae in the Milky Way Galaxy*. **NOAO Proposal ID #2007A-0593**, 464:593-665. 2/2007.

Coulson, Dolores [1]; Geballe, T. R. [3]. *Searching for Brown Dwarfs using the Gemini Science Archive*. **American Astronomical Society Meeting 210**, #78.07. 5/2007.

De Buizer, J. M. [9]. *Mid-IR Spectral Survey of High Mass Protostellar Objects*. **Bulletin of the American Astronomical Society**, 38:971. 12/2006.

De Buizer, James M. [1]. SiO Outflow Observations of Young Massive Stellar Objects with Linearly Distributed Methanol Maser Emission. **Bulletin of the American Astronomical Society**, 38:1059. 12/2006.

De Buizer, James [1]. High Spatial Resolution Mid-Infrared Observations of the Evolution of the SN1987A Remnant and Ejecta. **NOAO Proposal ID #2006B-0454**, 8/2006.

De Buizer, J. M. [1]. *New Results from Observations of Massive Star Formation in the Mid-Infrared with Large Aperture Telescopes*. **First Light Science with the GTC (Eds. R. Guzman et al.) Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias)**, 29:146-146. 6/2007.

de Buizer, I. J. M.[5]. *SN1987A After 18 Years: Gemini and Spitzer Observations of the Remnant the Blast Wave Interaction with the Circumstellar Ring*. **Supernovae: One Millennium After SN1006, 26th meeting of the IAU, Joint Discussion 9**, 9:41. 8/2006.

de Buizer, J. M. [5]. Narrowband Photometry and Imaging of Deep Impact Target Comet 9P/Tempel 1 at Las Campanas Observatory. **Bulletin of the American Astronomical Society**, 38:534. 9/2006.

Fisher, R. S. [1]. *Catching a Runaway in the Galactic Center: A Study of the IRS8 Bowshock*. **First Light Science with the GTC (Eds. R. Guzman et al.) Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias)**, 29:153. 6/2007.

Fisher, Scott [1]. *Mid-IR Capabilities of the Gemini Telescopes*. **Bulletin of the American Astronomical Society**, 38:1223. 12/2006.

Fisher, Scott [2]. *Mid-Infrared Polarimetry of the Disk of (beta) Pictoris*. **NOAO Proposal ID #2007A-0448**, 2/2007.

Garcia, A. [9]. *Student-Scientists use Remote Sensing to Reach across the Equator*. **Bulletin of the American Astronomical Society**, 38:982. 12/2006.

Garcia, M. A. [1]. *Implementing an Education and Outreach Program for the Gemini Observatory in Chile*. **Astronomy for the Developing World, 26th meeting of the IAU, Special Session 5**, 5:46. 8/2006.

Garcia Yus, Jorge [3]. *Photometric Calibrators for the Second-Generation Palomar Sky Surveys*. **NOAO Proposal ID #2006B-0060**. 8/2006.

Geballe, T. R. [3]. *Shock interactions between Sgr A East and its environments*. **Journal of Physics: Conference Series**, 54:22-28. 12/2006.

Geballe, T. R. [12]. *Spitzer Space Telescope and Visible/IR Spectrophotometry of V574 Pupis (Nova Pupis 2004)*. **Bulletin of the American Astronomical Society**, 38:907. 12/2006.

Geballe, T. R. [2]. *Evidence that R Coronae Borealis Stars Evolve from a White Dwarf Merger rather than a Final Helium Shell Flash*. **Bulletin of the American Astronomical Society**, 38:1140. 12/2006.

Geballe, T. R. [2]. *Search for H₂- N₂ Dimer in Titan's Atmosphere*. **Bulletin of the American Astronomical Society**, 38:550. 9/2006.

Geballe, T. R. [3]. *First Measurement of the Zinc Abundance in an Extragalactic Planetary Nebula*. **American Astronomical Society Meeting 210**, #15.06. 5/2007.

Geballe, T. R. [3]. *K-Band Spectroscopy of the Extragalactic Planetary Nebula Hen 2-436*. **Bulletin of the American Astronomical Society**, 38:1113. 12/2006.

Geballe, T. R. [4]; Trujillo, C. A.[5]. *Near-Infrared Spectroscopy of Charon: Possible Evidence for Cryovolcanism on Kuiper Belt Objects*. **Bulletin of the American Astronomical Society**, 38:518. 9/2006.

Geballe, T. R. [4]. *CH₃D Absorption Bands Between 2.86 And 3.10 Microns In The High-resolution Spectra Of Titan*. **Bulletin of the American Astronomical Society**, 38:530. 9/2006.

Geballe, T. R. [5]. *Subaru Observations Of Warm And Diffuse Gas Near The Galactic Center Probed By Metastable H₃⁺*. **American Astronomical Society Meeting 210**, #121.04. 7/2007.

Geballe, T. R. [9]; Volk, K.[10]. *Performance of the Visiting Instrument TEXES on Gemini North*. **Bulletin of the American Astronomical Society**, 38:1109. 12/2006.

Geballe, T. [4]. *Distribution of Ethane and Methane Emission on Neptune*. **Bulletin of the American Astronomical Society**, 38:936-. 12/2006.

Geballe, Tom [4]. *Synoptic Mid-IR Spectra ToO Novae*. **NOAO Proposal ID #2007A-0110**, 2/2007.

Geballe, Tom [4]. *ToO Galactic Nova -- Michelle "Quick Response"*. **NOAO Proposal ID #2006B-0143**, 8/2006.

Geballe, Tom [7]. Probing Chemistry in Disks through Emission of Molecules such as SiO, C₂H₂ and HCN. **NOAO Proposal ID #2006B-0455**, 455:455-1008. 8/2006.

Gomez, Percy L. [1]. *X-ray, SZ, and Optical Observations of Abell S1063*. **Bulletin of the American Astronomical Society**, 38:367. 9/2006.

Gomez, Percy [1]. Optical Observations for an ultra-deep Sunyaev-Zeldovich Cluster Survey. **NOAO Proposal ID #2006B-0274**, 8/2006.

Gratadour, D. [3]. *The infrared emission of the dust clouds close to Sgr A**. **Journal of Physics: Conference Series**, 54:386-390. 12/2006.

Harvey, J. [1]. *Gemini Observatory's Innovative Education and Outreach for 2006 and Beyond*. **Innovation in Teaching/Learning Astronomy Methods, 26th meeting of the IAU, Special Session 2**, 2:51. 8/2006.

Harvey, J. [9]. The Sky is the Limit: Benefits from Partnering with the Project ASTRO National Network! **Bulletin of the American Astronomical Society**, 38:1032. 12/2006.

Jensen, J. [4]. The Morphology of Luminous Infrared Galaxies as a Function of Infrared Luminosity. **American Astronomical Society Meeting 210**, #12.08. 5/2007.

Jensen, Joseph B. [3]. *Searching for Star Formation at z=8.2*. **NOAO Proposal ID #2007A-0386**, 2/2007.

Lee, H. [7]. *Dust at Low-Metallicity: A Spitzer Survey of Local Group Dwarf Galaxies*. **American Astronomical Society Meeting 210**, #114.05. 5/2007.

Leggett, S. K. [10]. *Mid-Infrared Observations of Spectral Variations in Brown Dwarf Atmospheres*. **American Astronomical Society Meeting 210**, #78.04. 5/2007.

Leggett, S. K. [3]. *Ultracool Dwarfs in the Ukirt Infrared Deep Sky Survey (UKIDSS)*. **American Astronomical Society Meeting 210**, #69.03. 5/2007.

Leggett, Sandy [1]. *Observations of Field T and Y Dwarfs*. **American Astronomical Society Meeting 210**, #69.01. 5/2007.

Leggett, S. [9]. Early Science Results from the UKIDSS ESO Public Survey. **The Messenger**, 126:7. 12/2006.

Mason, R. E. [1]. *NGC1097 at high spatial resolution in the mid-infrared*. First Light Science with the GTC (Eds. R. Guzman et al.) *Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias)*, 29:160. 6/2007.

Mason, R. E. [2]. *Ethane on Pluto and Triton*. **Bulletin of the American Astronomical Society**, 38:518. 9/2006.

Michaud, Peter [1]. *Establishing an Effective Education and Public Outreach Program at Gemini Observatory -- A Case Study*. **Organizations and Strategies in Astronomy, Volume 7, Edited by André Heck**. 12/2006.

Miller, B. W. [2]. *Kinematics of the dE Galaxy IC 225*. **Bulletin of the American Astronomical Society**, 38:1136. 12/2006.

Miller, Bryan [5]. *Lamp Posts in the Dark: Globular Clusters as Tracers of the Halo in M101*. **NOAO Proposal ID #2007A-0382**, 2/2007.

Mountain, M. [2]. *Future Optical and Near-Infrared Facilities*. Exploring the Cosmic Frontier, ESO Astrophysics Symposia, European Southern Observatory series. Edited by Andrei P. Lobanov et al., p.19. 2007.

Nitta, A. [7]. *Accreting Pulsating White Dwarfs: Hotter than Single DAVs*. **Bulletin of the American Astronomical Society**, 38:1161. 12/2006.

Radomski, J. T. [1]. *Mid-IR Emission from the Nucleus of Centaurus A*. First Light Science with the GTC (Eds. R. Guzman et al.) *Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias)*, 29:161. 6/2007.

Radomski, J. [5]; Mason, R.[6]. *High Spatial Resolution Observations of AGN at Mid-IR Wavelengths*. **Bulletin of the American Astronomical Society**, 38:1224. 12/2006.

Radomski, James T. [1]; Mason, R. [7]; De Buizer, J. M.[8]. *Gemini Observations of Mid-IR Emission from the Nucleus of Centaurus A*. **Bulletin of the American Astronomical Society**, 38:1096. 12/2006.

Radomski, James [4]. *High spatial resolution mid-infrared imaging of Local Universe Luminous Infrared Galaxies*. **NOAO Proposal ID #2006B-0079**, 8/2006.

Rodgers, B. [2]; Doppmann, G.[3]. *Spectroscopic Investigation of Companion Stars in Herbig Ae/Be Binary Systems*. **Bulletin of the American Astronomical Society**, 38:1052. 12/2006.

Rodgers, B. [2]; Doppmann, G.[4]. *Clustering around Herbig Ae/Be Stars*. **Bulletin of the American Astronomical Society**, 38:1205. 12/2006.

Rodgers, B. [4]; Doppmann, G.[5]. *Search for Close Binaries of Herbig Ae/Be Stars*. **2007 AAS/AAPT Joint Meeting**, 209:944. 12/2006.

Rodgers, Bernadette [1]. *Multiplicity and the Nature of Companions in Herbig Ae/Be Systems*. **Bulletin of the American Astronomical Society**, 38:1053. 12/2006.

Trujillo, C. [12]. The Vortex Formerly Known as White Oval BA: Temperature Structure, Cloud Properties and Dynamical Simulation. **Bulletin of the American Astronomical Society**, 38:554. 9/2006.

Trujillo, C. [2]. *A Survey for Trojan Asteroids of Saturn, Uranus and Neptune*. **Bulletin of the American Astronomical Society**, 38:564. 9/2006.

Trujillo, Chad [2]. *A Survey for Neptune Trojans*. **NOAO Proposal ID #2007A-0366**, 2/2007.

Trujillo, Chadwick A. [1]; Rigaut, F. [2]; Gratadour, D. [3]; Bec, M. [4]; Beck, T. [5]; Chan, S. [6]; Matulonis, A. [7]; Tranco, G. [8]; Walls, B. [9]; Stephens, A. [10]; Boccas, M. [11]; Grace, K. [12]; Gundu, P. [13]; d'Orgeville, C. [14]; Sheehan, M. [15]; White, J. [16]; White, K. [17]; Wyman, R. [18]. *Gemini North Laser Adaptive Optics Performance: First Science Data*. **Bulletin of the American Astronomical Society**, 38:1076. 12/2006.

Trujillo, Chadwick A. [1]; Rigaut, F. [2]; Gratadour, D. [3]. *Gemini North Laser Adaptive Optics Performance from First Science Data*. **American Astronomical Society Meeting 210**, #117.02. 5/2007.

Turner, James E. [1]; Bergmann, M. P. [2]; Miller, B. W. [7]. *A Detailed Look at 13 of the Nearest E+A Galaxies*. **Bulletin of the American Astronomical Society**, 38:1191. 12/2006.

Volk, K. [2]. *Mass Loss from Evolved Stars in the LMC: A Spitzer SAGE View*. **Bulletin of the American Astronomical Society**, 38:1169. 12/2006.

Volk, K. [2]. Spitzer IRS Spectral Observations of the 21 and 30 Micron Emission Features in Several Galactic Proto-Planetary Nebulae. **Bulletin of the American Astronomical Society**, 38:1029. 12/2006.

Volk, K. [5]. The Mass Loss Return From Evolved Stars to the LMC: Empirical Relations For Excess Emission at 8 and 24 μm . **Bulletin of the American Astronomical Society**, 38:1169. 12/2006.

Volk, Kevin [1]. *Modelling Evolved Stars Detected by the Spitzer LMC Survey (SAGE)*. **Bulletin of the American Astronomical Society**, 38:1121. 12/2006.

Volk, Kevin [3]. Resolving the Dust Disk Around the Central Star of the Helix Nebula. **NOAO Proposal ID #2007A-0411**, 2/2007.

West, M. J. [4]. *The Spatial Distributions of Globular Cluster Systems*. **Bulletin of the American Astronomical Society**, 38:1062. 12/2006.

Gemini Users Publications in Peer-Reviewed Journals¹²

Brough, S., Proctor, R., Forbes, D. A., Couch, W. J., Collins, C. A., Burke, D. J., and Mann, R. G. Spatially resolved kinematics and stellar populations of brightest cluster and group galaxies. **Monthly Notices of the Royal Astronomical Society**, 378: 1507-1530, 7/2007.

Young, S., Packham, C., Mason, R. E., Radomski, J. T., and Telesco, C. M. Spatially resolved mid-infrared spectroscopy of IC5063. **Monthly Notices of the Royal Astronomical Society**, 378: 888-892, 7/2007.

McCarthy, P. J., Yan, H., Abraham, R. G., Mentuch, E., Glazebrook, K., Yan, L., Chen, H.-W., Persson, S. E., Nair, P., Savaglio, S., Crampton, D., Juneau, S., Le Borgne, D., Carlberg, R. G., Marzke, R. O., Jorgensen, I., Roth, K., and Murowinski, R. A Compact Cluster of Massive Red Galaxies at a Redshift of 1.5. **Astrophysical Journal**, 664: L17-L21, 7/2007.

Hinkle, K. H., Brittain, S. D., and Lambert, D. L. Infrared High-Resolution Spectroscopy of Post-AGB Circumstellar Disks. I. HR 4049: The Winnowing Flow Observed? **Astrophysical Journal**, 664: 501-517, 7/2007.

Rau, A., Schwarz, R., Kulkarni, S. R., Ofek, E. O., Kasliwal, M. M., Brinkworth, C., Cenko, S. B., Lipkin, Y., and Soderberg, A. M. The Incidence of Dwarf Novae in Large Area Transient Searches. **Astrophysical Journal**, 664: 474-480, 7/2007.

Ciardi, D. R. and Gomez Martin, C. Star Formation in the Bok Globule CB54. **Astrophysical Journal**, 664: 377-383, 7/2007.

Trancho, G., Bastian, N., Miller, B. W., and Schweizer, F. Gemini Spectroscopic Survey of Young Star Clusters in Merging/Interacting Galaxies. II. NGC 3256 Clusters. **Astrophysical Journal**, 664: 284-295, 7/2007.

Price, P. A., Songaila, A., Cowie, L. L., Bell Burnell, J., Berger, E., Cucchiara, A., Fox, D. B., Hook, I., Kulkarni, S. R., Penprase, B., Roth, K. C., and Schmidt, B. Properties of a Gamma-Ray Burst Host Galaxy at $z \sim 5$. **Astrophysical Journal**, 663: L57-L60, 7/2007.

Cook, J. C., Desch, S. J., Roush, T. L., Trujillo, C. A., and Geballe, T. R. Near-Infrared Spectroscopy of Charon: Possible Evidence for Cryovolcanism on Kuiper Belt Objects. **Astrophysical Journal**, 663: 1406-1419, 7/2007.

¹ Gemini maintains an up-to-date database of papers based wholly or in part on Gemini data that appear in the main refereed astronomical research journals. These journals consist of: *The Astrophysical Journal*, *The Astronomical Journal*, *Astronomy & Astrophysics*, *Monthly Notices of the Royal Astronomical Society*, *Publications of the Astronomical Society of the Pacific*, *Icarus*, *Science and Nature*. In a few exceptional and well-assessed case, we also count papers from "secondary" journals.

² Gemini's qualifying criterion is the same as that used by Hubble Space Telescope and European Southern Observatory. To qualify, papers based on their output, must employ in an original way an image, spectrum or data set produced by Gemini to derive new scientific results. No attempt is made to fractionate papers per telescope used in the case of papers based on the use of two or more other facilities. Hence, the same paper may be counted several times, for example by Gemini, Keck and Subaru, if it includes data from any of these telescopes.

Hsiao, E. Y., Conley, A., Howell, D. A., Sullivan, M., Pritchett, C. J., Carlberg, R. G., Nugent, P. E., and Phillips, M. M. K-Corrections and Spectral Templates of Type Ia Supernovae. **Astrophysical Journal**, 663: 1187-1200, 7/2007.

Perlman, E. S., Mason, R. E., Packham, C., Levenson, N. A., Elitzur, M., Schaefer, J. J., Imanishi, M., Sparks, W. B., and Radomski, J. The Mid-Infrared Emission of M87. **Astrophysical Journal**, 663: 808-815, 7/2007.

Chen, H.-W., Prochaska, J. X., Ramirez-Ruiz, E., Bloom, J. S., Dessauges-Zavadsky, M., and Foley, R. J. On the Absence of Wind Signatures in GRB Afterglow Spectra: Constraints on the Wolf-Rayet Winds of GRB Progenitors. **Astrophysical Journal**, 663: 420-436, 7/2007.

Brand, K., Dey, A., Desai, V., Soifer, B. T., Bian, C., Armus, L., Brown, M. J. I., Le Floch, E., Higdon, S. J., Houck, J. R., Jannuzi, B. T., and Weedman, D. W. Optical Line Diagnostics of $z \sim 2$ Optically Faint Ultraluminous Infrared Galaxies in the Spitzer Bootes Survey. **Astrophysical Journal**, 663: 204-217, 7/2007.

Gilbank, D. G., Yee, H. K. C., Ellingson, E., Gladders, M. D., Barrientos, L. F., and Blindert, K. Spectroscopy of Moderately High Redshift RCS-1 Clusters. **Astronomical Journal**, 134: 282-293, 7/2007.

Krabbe, A. C., Rembold, S. B., and Pastoriza, M. G. Field galaxies at intermediate redshift ($0.2 < z < 0.8$) in the direction of the galaxy cluster LCDCS-S001. **Monthly Notices of the Royal Astronomical Society**, 378: 569-575, 6/2007.

Clayton, G. C., Geballe, T. R., Herwig, F., Fryer, C., and Asplund, M. Very Large Excesses of ^{18}O in Hydrogen-deficient Carbon and R Coronae Borealis Stars: Evidence for White Dwarf Mergers. **Astrophysical Journal**, 662: 1220-1230, 6/2007.

Helfand, D. J., Chatterjee, S., Brisken, W. F., Camilo, F., Reynolds, J., van Kerkwijk, M. H., Halpern, J. P., and Ransom, S. M. VLBA Measurement of the Transverse Velocity of the Magnetar XTE J1810-197. **Astrophysical Journal**, 662: 1198-1203, 6/2007.

Ofek, E. O., Cenko, S. B., Gal-Yam, A., Fox, D. B., Nakar, E., Rau, A., Frail, D. A., Kulkarni, S. R., Price, P. A., Schmidt, B. P., Soderberg, A. M., Peterson, B., Berger, E., Sharon, K., Shemmer, O., Penprase, B. E., Chevalier, R. A., Brown, P. J., Burrows, D. N., Gehrels, N., Harrison, F., Holland, S. T., Mangano, V., McCarthy, P. J., Moon, D.-S., Nousek, J. A., Persson, S. E., Piran, T., and Sari, R. GRB 060505: A Possible Short-Duration Gamma-Ray Burst in a Star-forming Region at a Redshift of 0.09. **Astrophysical Journal**, 662: 1129-1135, 6/2007.

Ireland, M. J., Monnier, J. D., Tuthill, P. G., Cohen, R. W., De Buizer, J. M., Packham, C., Ciardi, D., Hayward, T., and Lloyd, J. P. Born-Again Protoplanetary Disk around Mira B. **Astrophysical Journal**, 662: 651-657, 6/2007.

Bitner, M. A., Richter, M. J., Lacy, J. H., Greathouse, T. K., Jaffe, D. T., and Blake, G. A. TEXES Observations of Pure Rotational H_2 Emission from AB Aurigae. **Astrophysical Journal**, 661: L69-L72, 5/2007.

Packham, C., Young, S., Fisher, S., Volk, K., Mason, R., Hough, J. H., Roche, P. F., Elitzur, M., Radomski, J., and Perlman, E. Gemini Mid-IR Polarimetry of NGC 1068: Polarized Structures around the Nucleus. **Astrophysical Journal**, 661: L29-L32, 5/2007.

Close, L. M., Zuckerman, B., Song, I., Barman, T., Marois, C., Rice, E. L., Siegler, N., Macintosh, B., Becklin, E. E., Campbell, R., Lyke, J. E., Conrad, A., and Le Mignant, D. The Wide Brown Dwarf Binary Oph 1622-2405 and Discovery of a Wide, Low-Mass Binary in Ophiuchus (Oph 1623-2402): A New Class of Young Evaporating Wide Binaries? **Astrophysical Journal**, 660: 1492-1506, 5/2007.

Lafreniere, D., Marois, C., Doyon, R., Nadeau, D., and Artigau, E. A New Algorithm for Point-Spread Function Subtraction in High-Contrast Imaging: A Demonstration with Angular Differential Imaging. **Astrophysical Journal**, 660: 770-780, 5/2007.

Schmidt, S. J., Cruz, K. L., Bongiorno, B. J., Liebert, J., and Reid, I. N. Activity and Kinematics of Ultracool Dwarfs, Including an Amazing Flare Observation. **Astronomical Journal**, 133: 2258-2273, 5/2007.

Dahm, S. E. and Hillenbrand, L. A. Spitzer Observations of NGC 2362: Primordial Disks at 5 Myr. **Astronomical Journal**, 133: 2072-2086, 5/2007.

Alvarez-Candal, A., Jones, D., Lazzaro, D., Williams, I. P., and Melita, M. A dynamical and observational study of an unstable TNO: 59358 (1999CL{158}). **Astronomy and Astrophysics**, 466: 749-753, 5/2007.

Stanway, E. R., Bunker, A. J., Glazebrook, K., Abraham, R. G., Rhoads, J., Malhotra, S., Crampton, D., Colless, M., and Chiu, K. The GLARE Survey - II. Faint $z \sim 6$ Ly α line emitters in the HUDF. **Monthly Notices of the Royal Astronomical Society**, 376: 727-738, 4/2007.

Jackson, N. and Beswick, R. J. Near-infrared spectra of Seyfert galaxies and line production mechanisms. **Monthly Notices of the Royal Astronomical Society**, 376: 719-726, 4/2007.

Jeffries, R. D., Oliveira, J. M., Naylor, T., Mayne, N. J., and Littlefair, S. P. The Keele-Exeter young cluster survey - I. Low-mass pre-main-sequence stars in NGC 2169. **Monthly Notices of the Royal Astronomical Society**, 376: 580-598, 4/2007.

Artigau, E., Lafreniere, D., Doyon, R., Albert, L., Nadeau, D., and Robert, J. Discovery of the Widest Very Low Mass Binary. **Astrophysical Journal**, 659: L49-L52, 4/2007.

Mason, R. E., Levenson, N. A., Packham, C., Elitzur, M., Radomski, J., Petric, A. O., and Wright, G. S. Dust and PAH Emission in the Star-forming Active Nucleus of NGC 1097. **Astrophysical Journal**, 659: 241-249, 4/2007.

Stockton, A., Canalizo, G., Fu, H., and Keel, W. The **Nature** of Optical Features in the Inner Region of the 3C 48 Host Galaxy. **Astrophysical Journal**, 659: 195-204, 4/2007.

Asztalos, S., de Vries, W. H., Rosenberg, L. J., Treadway, T., Burke, D., Claver, C., Saha, A., and Puxley, P. Properties of Ellipticity Correlation with Atmospheric Structure from Gemini South. **Astrophysical Journal**, 659: 69-75, 4/2007.

Trancho, G., Bastian, N., Schweizer, F., and Miller, B. W. Gemini Spectroscopic Survey of Young Star Clusters in Merging/Interacting Galaxies. I. NGC 3256 Tidal Tail Clusters. **Astrophysical Journal**, 658: 993-998, 4/2007.

Jeltema, T. E., Mulchaey, J. S., Lubin, L. M., and Fassnacht, C. D. The Evolution of Galaxies in X-Ray-luminous Groups. **Astrophysical Journal**, 658: 865-883, 4/2007.

Beck, T. L., Riera, A., Raga, A. C., and Reipurth, B. The Structure of the Inner HH 34 Jet from Optical Integral Field Spectroscopy. **Astronomical Journal**, 133: 1221-1235, 4/2007.

Guy, J., Astier, P., Baumont, S., Hardin, D., Pain, R., Regnault, N., Basa, S., Carlberg, R. G., Conley, A., Fabbro, S., Fouchez, D., Hook, I. M., Howell, D. A., Perrett, K., Pritchett, C. J., Rich, J., Sullivan, M., Antilogus, P., Aubourg, E., Bazin, G., Bronder, J., Filiol, M., Palanque-Delabrouille, N., Ripoche, P., and Ruhlmann-Kleider, V. SALT2: using distant supernovae to improve the use of type Ia supernovae as distance indicators. **Astronomy and Astrophysics**, 466: 11-21, 4/2007.

Cruz, M. J., Jarvis, M. J., Rawlings, S., and Blundell, K. M. The 6C** sample of steep-spectrum radio sources - II. Redshift distribution and the space density of high-redshift radio galaxies. **Monthly Notices of the Royal Astronomical Society**, 375: 1349-1363, 3/2007.

Lacy, J. H., Jaffe, D. T., Zhu, Q., Richter, M. J., Bitner, M. A., Greathouse, T. K., Volk, K., Geballe, T. R., and Mehringer, D. M. W51 IRS 2: A Massive Jet Emerging from a Molecular Cloud into an H II Region. **Astrophysical Journal**, 658: L45-L49, 3/2007.

Burgasser, A. J., Cruz, K. L., and Kirkpatrick, J. D. Optical Spectroscopy of 2MASS Color-selected Ultracool Subdwarfs. **Astrophysical Journal**, 657: 494-510, 3/2007.

Koch, A., Wilkinson, M. I., Kleyna, J. T., Gilmore, G. F., Grebel, E. K., Mackey, A. D., Evans, N. W., and Wyse, R. F. G. Stellar Kinematics and Metallicities in the Leo I Dwarf Spheroidal Galaxy-Wide-Field Implications for Galactic Evolution. **Astrophysical Journal**, 657: 241-261, 3/2007.

Reipurth, B., Aspin, C., Beck, T., Brogan, C., Connelley, M. S., and Herbig, G. H. V733 Cep (Persson's Star): A New FU Orionis Object in Cepheus. **Astronomical Journal**, 133: 1000-1011, 3/2007.

Goncalves, D. R., Magrini, L., Leisy, P., and Corradi, R. L. M. The chemical content of nearby galaxies from planetary nebulae: NGC 147. **Monthly Notices of the Royal Astronomical Society**, 375: 715-724, 2/2007.

Roche, P. F., Packham, C., Aitken, D. K., and Mason, R. E. Silicate absorption in heavily obscured galaxy nuclei. **Monthly Notices of the Royal Astronomical Society**, 375: 99-104, 2/2007.

Moerchen, M. M., Telesco, C. M., Packham, C., and Kehoe, T. J. J. Mid-Infrared Resolution of a 3 AU Radius Debris Disk around ζ Leporis. **Astrophysical Journal**, 655: L109-L112, 2/2007.

Salyk, C., Blake, G. A., Boogert, A. C. A., and Brown, J. M. Molecular Gas in the Inner 1 AU of the TW Hya and GM Aur Transitional Disks. **Astrophysical Journal**, 655: L105-L108, 2/2007.

Trujillo, C. A., Brown, M. E., Barkume, K. M., Schaller, E. L., and Rabinowitz, D. L. The Surface of 2003 EL₆₁ in the Near-Infrared. **Astrophysical Journal**, 655: 1172-1178, 2/2007.

Leggett, S. K., Saumon, D., Marley, M. S., Geballe, T. R., Golimowski, D. A., Stephens, D., and Fan, X. 3.6-7.9 μ m Photometry of L and T Dwarfs and the Prevalence of Vertical Mixing in their Atmospheres. **Astrophysical Journal**, 655: 1079-1094, 2/2007.

Smith, N. and Ferland, G. J. The Structure of the Homunculus. II. Modeling the Physical Conditions in η Carinae's Molecular Shell. **Astrophysical Journal**, 655: 911-919, 2/2007.

Hennawi, J. F. and Prochaska, J. X. Quasars Probing Quasars. II. The Anisotropic Clustering of Optically Thick Absorbers around Quasars. **Astrophysical Journal**, 655: 735-748, 2/2007.

Davidge, T. J. and Jensen, J. B. The Brightest Stars in M32: Comparing Predictions from Spectra with the Resolved Stellar Content. **Astronomical Journal**, 133: 576-597, 2/2007.

Cruz, K. L., Reid, I. N., Kirkpatrick, J. D., Burgasser, A. J., Liebert, J., Solomon, A. R., Schmidt, S. J., Allen, P. R., Hawley, S. L., and Covey, K. R. Meeting the Cool Neighbors. IX. The Luminosity Function of M7-L8 Ultracool Dwarfs in the Field. **Astronomical Journal**, 133: 439-467, 2/2007.

Rol, E., Osborne, J. P., Page, K. L., McGowan, K. E., Beardmore, A. P., O'Brien, P. T., Levan, A. J., Bersier, D., Guidorzi, C., Marshall, F., Fruchter, A. S., Tanvir, N. R., Monfardini, A., Gomboc, A., Barthelmy, S., and Bannister, N. P. The early- and late-time spectral and temporal evolution of GRB050716. **Monthly Notices of the Royal Astronomical Society**, 374: 1078-1084, 1/2007.

Rembold, S. B. and Pastoriza, M. G. The cluster of galaxies LCDCS-S001: basic spectroscopic data and stellar population. **Monthly Notices of the Royal Astronomical Society**, 374: 1056-1066, 1/2007.

Krajnovic, D., Sharp, R., and Thatte, N. Integral-field spectroscopy of Centaurus A nucleus. **Monthly Notices of the Royal Astronomical Society**, 374: 385-398, 1/2007.

De Buizer, J. M. The Complex Mid-Infrared Structure at the Heart of IRAS 20126+4104. **Astrophysical Journal**, 654: L147-L150, 1/2007.

Daemgen, S., Siegler, N., Reid, I. N., and Close, L. M. Discovery of Nine New Companions to Nearby Young M Stars with the Altair AO System. **Astrophysical Journal**, 654: 558-569, 1/2007.

Fekel, F. C., Hinkle, K. H., Joyce, R. R., Wood, P. R., and Lebzelter, T. Infrared Spectroscopy of Symbiotic Stars. V. First Orbits for Three S-Type Systems: Henize 2-173, CL Scorpii, and AS 270. **Astronomical Journal**, 133: 17-25, 1/2007.

Gal-Yam, A., Fox, D. B., Price, P. A., Ofek, E. O., Davis, M. R., Leonard, D. C., Soderberg, A. M., Schmidt, B. P., Lewis, K. M., Peterson, B. A., Kulkarni, S. R., Berger, E., Cenko, S. B., Sari, R., Sharon, K., Frail, D., Moon, D.-S., Brown, P. J., Cucchiara, A., Harrison, F., Piran, T., Persson, S. E., McCarthy, P. J., Penprase, B. E., Chevalier, R. A., and MacFadyen, A. I. A novel explosive process is required for the γ -ray burst GRB 060614. **Nature**, 444: 1053-1055, 12/2006.

Fynbo, J. P. U., Watson, D., Thöne, C. C., Sollerman, J., Bloom, J. S., Davis, T. M., Hjorth, J., Jakobsson, P., Jørgensen, U. G., Graham, J. F., Fruchter, A. S., Bersier, D., Kewley, L., Cassan, A., Castro Cerón, J. M., Foley, S., Gorosabel, J., Hinse, T. C., Horne, K. D., Jensen, B. L., Klose, S., Kocevski, D., Marquette, J.-B., Perley, D., Ramirez-Ruiz, E., Stritzinger, M. D., Vreeswijk, P. M., Wijers, R. A. M., Woller, K. G., Xu, D., and Zub, M. No supernovae associated with two long-duration γ -ray bursts. **Nature**, 444: 1047-1049, 12/2006.

Marinas, N., Telesco, C. M., Fisher, R. S., Packham, C., and Radomski, J. T. Mid-Infrared Imaging of the Herbig Ae Star AB Aurigae: Extended Emission on Several Scales. **Astrophysical Journal**, 653: 1353-1357, 12/2006.

Simcoe, R. A. High-Redshift Intergalactic C IV Abundance Measurements from the Near-Infrared Spectra of Two $z \sim 6$ QSOs. **Astrophysical Journal**, 653: 977-987, 12/2006.

Alonso-Herrero, A., Colina, L., Packham, C., Díaz-Santos, T., Rieke, G. H., Radomski, J. T., and Telesco, C. M. High Spatial Resolution T-ReCS Mid-Infrared Imaging of Luminous Infrared Galaxies. **Astrophysical Journal**, 652: L83-L87, 12/2006.

Diaz, R. J., Dottori, H., Aguero, M. P., Mediavilla, E., Rodrigues, I., and Mast, D. Hidden Trigger for the Giant Starburst Arc in M83?. **Astrophysical Journal**, 652: 1122-1128, 12/2006.

Schaefer, G. H., Simon, M., Beck, T. L., Nelan, E., and Prato, L. Dynamical Mass Estimates for Incomplete Orbits: Young Multiple Stars in Taurus and Ophiuchus. **Astronomical Journal**, 132: 2618-2633, 12/2006.

Keel, W. C., White, R. E., III, Owen, F. N., and Ledlow, M. J. The Spiral Host Galaxy of the Double Radio Source 0313-192. **Astronomical Journal**, 132: 2233-2242, 12/2006.

Borissova, J., Minniti, D., Rejkuba, M., and Alves, D. Properties of RR Lyrae stars in the inner regions of the Large Magellanic Cloud. II. The extended sample. **Astronomy and Astrophysics**, 460: 459-466, 12/2006.

Lucas, P. W., Weights, D. J., Roche, P. F., and Riddick, F. C. Spectroscopy of planetary mass brown dwarfs in Orion. **Monthly Notices of the Royal Astronomical Society**, 373: L60-L64, 11/2006.

Burleigh, M. R., Hogan, E., Dobbie, P. D., Napiwotzki, R., and Maxted, P. F. L. A near-infrared spectroscopic detection of the brown dwarf in the post common envelope binary WD0137-349. **Monthly Notices of the Royal Astronomical Society**, 373: L55-L59, 11/2006.

Bridges, T., Gebhardt, K., Sharples, R., Faifer, F. R., Forte, J. C., Beasley, M. A., Zepf, S. E., Forbes, D. A., Hanes, D. A., and Pierce, M. The globular cluster kinematics and galaxy dark matter content of NGC 4649 (M60). **Monthly Notices of the Royal Astronomical Society**, 373: 157-166, 11/2006.

Riffel, R. A., Storchi-Bergmann, T., Winge, C., and Barbosa, F. K. B. Gemini near-infrared integral field spectroscopy of the narrow-line region of ESO428-G14: kinematics, excitation and the role of the radio jet. **Monthly Notices of the Royal Astronomical Society**, 373: 2-12, 11/2006.

Kepler, S. O., Castanheira, B. G., Costa, A. F. M., and Koester, D. Gemini spectra of 12000 K white dwarf stars. **Monthly Notices of the Royal Astronomical Society**, 372: 1799-1803, 11/2006.

Durant, M. and van Kerkwijk, M. H. Multiwavelength Variability of the Magnetar 4U 0142+61. **Astrophysical Journal**, 652: 576-583, 11/2006.

Geballe, T. R., Najarro, F., Rigaut, F., and Roy, J.-R. The K-Band Spectrum of the Hot Star in IRS 8: An Outsider in the Galactic Center? **Astrophysical Journal**, 652: 370-375, 11/2006.

Bonanos, A. Z., Stanek, K. Z., Kudritzki, R. P., Macri, L. M., Sasselov, D. D., Kaluzny, J., Stetson, P. B., Bersier, D., Bresolin, F., Matheson, T., Mochejska, B. J., Przybilla, N., Szentgyorgyi, A. H., Tonry, J., and Torres, G. The First DIRECT Distance Determination to a Detached Eclipsing Binary in M33. **Astrophysical Journal**, 652: 313-322, 11/2006.

Fassnacht, C. D., McKean, J. P., Koopmans, L. V. E., Treu, T., Blandford, R. D., Auger, M. W., Jeltema, T. E., Lubin, L. M., Margoniner, V. E., and Wittman, D. Three Gravitational Lenses for the Price of One: Enhanced Strong Lensing through Galaxy Clustering. **Astrophysical Journal**, 651: 667-675, 11/2006.

Cunha, K. and Smith, V. V. Chemical Evolution of the Galactic Bulge as Derived from High-Resolution Infrared Spectroscopy of K and M Red Giants. **Astrophysical Journal**, 651: 491-501, 11/2006.

Volk, K., Hrivnak, B. J., Su, K. Y. L., and Kwok, S. An Infrared Imaging Study of the Bipolar Proto-Planetary Nebula IRAS 16594-4656. **Astrophysical Journal**, 651: 294-300, 11/2006.

Hennawi, J. F., Prochaska, J. X., Burles, S., Strauss, M. A., Richards, G. T., Schlegel, D. J., Fan, X., Schneider, D. P., Zakamska, N. L., Oguri, M., Gunn, J. E., Lupton, R. H., and Brinkmann, J. Quasars Probing Quasars. I. Optically Thick Absorbers near Luminous Quasars. **Astrophysical Journal**, 651: 61-83, 11/2006.

Schaller, E. L., Brown, M. E., Roe, H. G., Bouchez, A. H., and Trujillo, C. A. Dissipation of Titan's south polar clouds. **Icarus**, 184: 517-523, 10/2006.

- Soderberg, A. M., Berger, E., Kasliwal, M., Frail, D. A., Price, P. A., Schmidt, B. P., Kulkarni, S. R., Fox, D. B., Cenko, S. B., Gal-Yam, A., Nakar, E., and Roth, K. C. The Afterglow, Energetics, and Host Galaxy of the Short-Hard Gamma-Ray Burst 051221a. **Astrophysical Journal**, 650: 261-271, 10/2006.
- Bouchet, P., Dwek, E., Danziger, J., Arendt, R. G., De Buizer, I. J. M., Park, S., Suntzeff, N. B., Kirshner, R. P., and Challis, P. SN 1987A after 18 Years: Mid-Infrared Gemini and Spitzer Observations of the Remnant. **Astrophysical Journal**, 650: 212-227, 10/2006.
- Fu, H. and Stockton, A. Integral Field Spectroscopy of the Extended Emission-Line Region of 3C 249.1. **Astrophysical Journal**, 650: 80-87, 10/2006.
- Kriek, M., van Dokkum, P. G., Franx, M., Quadri, R., Gawiser, E., Herrera, D., Illingworth, G. D., Labbé, I., Lira, P., Marchesini, D., Rix, H.-W., Rudnick, G., Taylor, E. N., Toft, S., Urry, C. M., and Wuyts, S. Spectroscopic Identification of Massive Galaxies at $z \sim 2.3$ with Strongly Suppressed Star Formation. **Astrophysical Journal**, 649: L71-L74, 10/2006.
- Person, M. J., Elliot, J. L., Gulbis, A. A. S., Pasachoff, J. M., Babcock, B. A., Souza, S. P., and Gangestad, J. Charon's Radius and Density from the Combined Data Sets of the 2005 July 11 Occultation. **Astronomical Journal**, 132: 1575-1580, 10/2006.
- Swinbank, A. M., Chapman, S. C., Smail, I., Lindner, C., Borys, C., Blain, A. W., Ivison, R. J., and Lewis, G. F. The link between submillimetre galaxies and luminous ellipticals: near-infrared IFU spectroscopy of submillimetre galaxies. **Monthly Notices of the Royal Astronomical Society**, 371: 465-476, 9/2006.
- Barbosa, F. K. B., Storchi-Bergmann, T., Cid Fernandes, R., Winge, C., and Schmitt, H. Gemini/GMOS Integral Field Unit stellar kinematics of the nuclear region of six nearby active galaxies. **Monthly Notices of the Royal Astronomical Society**, 371: 170-184, 9/2006.
- Guyon, O., Sanders, D. B., and Stockton, A. Near-Infrared Adaptive Optics Imaging of QSO Host Galaxies. **Astrophysical Journal Supplement Series**, 166: 89-127, 9/2006.
- Barr, J., Jørgensen, I., Chiboucas, K., Davies, R., and Bergmann, M. The Fundamental Plane in RX J0142.0+2131: A Galaxy Cluster Merger at $z=0.28$. **Astrophysical Journal**, 649: L1-L4, 9/2006.
- Steehhs, D., Marsh, T. R., Barros, S. C. C., Nelemans, G., Groot, P. J., Roelofs, G. H. A., Ramsay, G., and Cropper, M. GEMINI Spectroscopy of the Ultracompact Binary Candidate V407 Vulpeculae. **Astrophysical Journal**, 649: 382-388, 9/2006.
- Prochter, G. E., Prochaska, J. X., Chen, H.-W., Bloom, J. S., Dessauges-Zavadsky, M., Foley, R. J., Lopez, S., Pettini, M., Dupree, A. K., and Guhathakurta, P. On the Incidence of Strong Mg II Absorbers along Gamma-Ray Burst Sight Lines. **Astrophysical Journal**, 648: L93-L96, 9/2006.

Hynes, R. I., Horne, K., O'Brien, K., Haswell, C. A., Robinson, E. L., King, A. R., Charles, P. A., and Pearson, K. J. Multiwavelength Observations of EXO 0748-676. I. Reprocessing of X-Ray Bursts. **Astrophysical Journal**, 648: 1156-1168, 9/2006.

Levan, A. J., Osborne, J. P., Tanvir, N. R., Page, K. L., Rol, E., Zhang, B., Goad, M. R., O'Brien, P. T., Priddey, R. S., Bersier, D., Burrows, D. N., Chapman, R., Fruchter, A. S., Giommi, P., Gehrels, N., Hughes, M. A., Pak, S., Simpson, C., Tagliaferri, G., and Vardoulaki, E. The First Swift X-Ray Flash: The Faint Afterglow of XRF 050215B. **Astrophysical Journal**, 648: 1132-1138, 9/2006.

Sullivan, M., Le Borgne, D., Pritchett, C. J., Hodsman, A., Neill, J. D., Howell, D. A., Carlberg, R. G., Astier, P., Aubourg, E., Balam, D., Basa, S., Conley, A., Fabbro, S., Fouchez, D., Guy, J., Hook, I., Pain, R., Palanque-Delabrouille, N., Perrett, K., Regnault, N., Rich, J., Taillet, R., Baumont, S., Bronder, J., Ellis, R. S., Filiol, M., Lusset, V., Perlmutter, S., Ripoche, P., and Tao, C. Rates and Properties of Type Ia Supernovae as a Function of Mass and Star Formation in Their Host Galaxies. **Astrophysical Journal**, 648: 868-883, 9/2006.

Aspin, C., Barbieri, C., Boschi, F., Di Mille, F., Rampazzi, F., Reipurth, B., and Tsvetkov, M. The 1966-1967 Outburst of V1647 Orionis and the Appearance of McNeil's Nebula. **Astronomical Journal**, 132: 1298-1306, 9/2006.

Neill, J. D., Sullivan, M., Balam, D., Pritchett, C. J., Howell, D. A., Perrett, K., Astier, P., Aubourg, E., Basa, S., Carlberg, R. G., Conley, A., Fabbro, S., Fouchez, D., Guy, J., Hook, I., Pain, R., Palanque-Delabrouille, N., Regnault, N., Rich, J., Taillet, R., Aldering, G., Antilogus, P., Arsenijevic, V., Balland, C., Baumont, S., Bronder, J., Ellis, R. S., Filiol, M., Gonçaves, A. C., Hardin, D., Kowalski, M., Lidman, C., Lusset, V., Mouchet, M., Mourao, A., Perlmutter, S., Ripoche, P., Schlegel, D., and Tao, C. The Type Ia Supernova Rate at $z \sim 0.5$ from the Supernova Legacy Survey. **Astronomical Journal**, 132: 1126-1145, 9/2006.

Movsessian, T. A., Khanzadyan, T., Aspin, C., Magakian, T. Y., Beck, T., Moiseev, A., Smith, M. D., and Nikogossian, E. H. An outbursting protostar of the FU Orionis type in the Cygnus OB7 molecular cloud. **Astronomy and Astrophysics**, 455: 1001-1008, 9/2006.

Soria, R., Kuncic, Z., Broderick, J. W., and Ryder, S. D. Multiband study of NGC7424 and its two newly discovered ultraluminous X-ray sources. **Monthly Notices of the Royal Astronomical Society**, 370: 1666-1676, 8/2006.

Francis, P. J. and McDonnell, S. Fluorescent Lyman α emission from gas near a QSO at redshift 4.28. **Monthly Notices of the Royal Astronomical Society**, 370: 1372-1378, 8/2006.

di Serego Alighieri, S., Lanzoni, B., and Jorgensen, I. The Influence of Mass and Environment on the Evolution of Early-Type Galaxies. **Astrophysical Journal**, 647: L99-L102, 8/2006.

Mendes de Oliveira, C. L., Temporin, S., Cypriano, E. S., Plana, H., Amram, P., Sodré, L. J., and Balkowski, C. The K Luminosity-Metallicity Relation for Dwarf Galaxies and the Tidal Dwarf Galaxies in the Tails of HCG 31. **Astronomical Journal**, 132: 570-581, 8/2006.

Davidge, T. J., Jensen, J. B., and Olsen, K. A. G. The Central Regions of M31 in the 3-5 μm Wavelength Region. **Astronomical Journal**, 132: 521-530, 8/2006.

Cypriano, E. S., Mendes de Oliveira, C. L., and Sodre, L. J. Velocity Dispersion, Mass, and the Luminosity Function of the Fossil Cluster RX J1416.4+2315. **Astronomical Journal**, 132: 514-520, 8/2006.

Rosenberg, J. L., Bowen, D. V., Tripp, T. M., and Brinks, E. The Nearby Damped Ly α Absorber SBS 1543+593: A Large H I Envelope in a Gas-rich Galaxy Group. **Astronomical Journal**, 132: 478-488, 8/2006.

Ryde, N. Sulphur abundances in disk stars as determined from the forbidden λ 10821 [S I] line. **Astronomy and Astrophysics**, 455: L13-L16, 8/2006.