

Publications

Gemini Staff Publications

Papers in Peer-Reviewed Journals:

Bergmann, M.[2]. *Gemini 3D spectroscopy of BAL+IR+FeII QSOs - II. IRAS 04505-2958, an explosive QSO with hypershells and a new scenario for galaxy formation and galaxy end phase.* **Monthly Notices of the Royal Astronomical Society**, 398:658-700. 9/2009.

McDermid, Richard M.[8]. *Stellar velocity profiles and line strengths out to four effective radii in the early-type galaxies NGC3379 and 821.* **Monthly Notices of the Royal Astronomical Society**, 398:561-574. 9/2009.

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Leggett, S. K.[2]; Geballe, T. R.[6]. *The 0.8-14.5 μm Spectra of Mid-L to Mid-T Dwarfs: Diagnostics of Effective Temperature, Grain Sedimentation, Gas Transport, and Surface Gravity.* **The Astrophysical Journal**, 702:154-170. 9/2009.

Rantakyro, F.[11]. *Cyclic variability of the circumstellar disk of the Be star ζ Tauri. I. Long-term monitoring observations.* **Astronomy and Astrophysics**, 504:929-944. 9/2009.

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Trancho, Gelys[2]; Konstantopoulos, Iraklis S.[3]; Miller, Bryan W. [4]. *Gemini Spectroscopic Survey of Young Star Clusters in Merging/Interacting Galaxies. III. The Antennae.* **The Astrophysical Journal**, 701:607-619. 8/2009.

Laycock, Silas[1]. *A Flaring X-ray Source with an H α -Bright Counterpart Toward the Small Magellanic Cloud.* **The Astrophysical Journal**, 701:12-17. 8/2009.

Kleinman, Scot J.[7]. *No Neutron Star Companion to the Lowest Mass SDSS White Dwarf.* **The Astrophysical Journal Letters**, 700:L123-L126. 8/2009.

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Hogan, E.[1]. *The DODO survey - II. A Gemini direct imaging search for substellar and planetary mass companions around nearby equatorial and Northern hemisphere white dwarfs.* **Monthly Notices of the Royal Astronomical Society**, 396:2074-2086. 7/2009.

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Schiavon, Ricardo P.[3]. *Dissecting the Red Sequence. II. Star Formation Histories of Early-Type Galaxies Throughout the Fundamental Plane.* **The Astrophysical Journal**, 698:1590-1608. 6/2009.

- Geballe, T. R.[1]. *Do Hydrogen-Deficient Carbon Stars have Winds?* **The Astrophysical Journal**, 698:735-739. 6/2009.
- Margheim, S.[4]. *Measurements of the Isotopic Ratio ${}^6\text{Li}/{}^7\text{Li}$ in Stars with Planets.* **The Astrophysical Journal**, 698:451-460. 6/2009.
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- Leggett, S. K.[3]. *The discovery of an M4+T8.5 binary system.* **Monthly Notices of the Royal Astronomical Society**, 395:1237-1248. 5/2009.
- Rantakyro, F.[7]. *Study of the atmospheric refraction in a single-mode instrument - application to AMBER/VLTI.* **Monthly Notices of the Royal Astronomical Society**, 395:991-1004. 5/2009.
- Kleinman, S. J.[4]. *A Radio Search for Pulsar Companions to Sloan Digital Sky Survey Low-Mass White Dwarfs.* **The Astrophysical Journal**, 697:283-287. 5/2009.
- Christensen, E.[8]. *First Results from the Catalina Real-Time Transient Survey.* **The Astrophysical Journal**, 696:870-884. 5/2009.
- Trancho, G.[4]. *The Optical Structure of the Starburst Galaxy M82. I. Dynamics of the Disk and Inner-Wind.* **The Astrophysical Journal**, 696:192-213. 5/2009.
- Diaz, Ruben J.[3]. *Kinematics and Modeling of the Inner Region of M 83.* **The Astronomical Journal**, 137:4083-4090. 5/2009.
- Jørgensen, Inger[1]. *Calibration of Photometry from the Gemini Multi-Object Spectrograph on Gemini North.* **Publications of the Astronomical Society of Australia**, 26:17-30. 4/2009.
- Mason, R. E.[3]. *The spatial variation of the 3 μm dust features in Circinus.* **Monthly Notices of the Royal Astronomical Society**, 394:2043-2049. 4/2009.
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Winge, Claudia [4]. *AGN-starburst connection in NGC7582: Gemini near-infrared spectrograph integral field unit observations*. **Monthly Notices of the Royal Astronomical Society**, 393:783-797. 3/2009.

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Geballe, T. R.[4]. *Metallicity in the Galactic Center: The Quintuplet Cluster*. **The Astrophysical Journal**, 691:1816-1827. 2/2009.

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Geballe, T. R.[6]. *A Search for Ethane on Pluto and Triton*. **American Astronomical Society**, DPS meeting #41, #6.04. 9/2009.

Gomez, Percy[1]. *X-ray and Optical Observations of the Merging Cluster Abell S1063*. **Chandra's First Decade of Discovery**, abstract #111. 9/2009.

Nitta, Atsuko[1]; Kleinman, S. J.[2]. *Doubling the number of pulsating DB white dwarfs*. **Journal of Physics: Conference Series**, 172:2073-. 6/2009.

Nitta, Atsuko[4]. *Singing and dancing white dwarfs*. **Journal of Physics: Conference Series**, 172:012073. 6/2009.

Leggett, S. K.[2]. *A photometric analysis of ZZ Ceti stars: A parameter-free temperature indicator?* **Journal of Physics: Conference Series**, 172:012062. 6/2009.

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Nitta, Atsuko[6]. *Photospheric Ca and Mg line-strength variations in G29-38*. **Journal of Physics: Conference Series**, 172:012059. 6/2009.

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Lee, H.[3]; [9]. *Chemical Abundances of Dwarf Galaxies in the M81 Group*. **Bulletin of the American Astronomical Society**, 41:235. 1/2009.

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Stephens, Andrew W.[1]. *WLM-1: A Non-Rotating, Gravitationally Unperturbed, Highly Elliptical Extragalactic Globular Cluster*. **Eso Astrophysics Symposia**, 2009:169-170. 2009.

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Trujillo, C. A.[5]. *Planetary Waves on Titan*. **American Geophysical Union**, Fall Meeting 2008, abstract #P21A-1342. 12/2008.

Mason, Rachel [2]. *Birefringence and transmission of an antireflection-coated sulfur-free cadmium selenide Wollaston prism at 30 K*. **Optical Engineering**, 47, 126401. December 2008.

Gratadour, Damien[2]. *A close look at the very heart of NGC7469*. **Journal of Physics: Conference Series**, 131:012035. 10/2008.

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Gemini Users Publications in Peer-Reviewed Journals^{*†}

Lípari, S., Bergmann, M., Sanchez, S. F., Garcia-Lorenzo, B., Terlevich, R., Mediavilla, E., Taniguchi, Y., Zheng, W., Punsly, B., Ahumada, A., and Merlo, D. Gemini 3D spectroscopy of BAL+IR+FeII QSOs - II. IRAS 04505-2958, an explosive QSO with hypershells and a new scenario for galaxy formation and galaxy end phase. **Monthly Notices of the Royal Astronomical Society**, 398: 658-700, 9/2009.

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Levenson, N. A., Radomski, J. T., Packham, C., Mason, R. E., Schaefer, J. J., and Telesco, C. M. Isotropic Mid-Infrared Emission from the Central 100 pc of Active Galaxies. **Astrophysical Journal**, 703: 390-398, 9/2009.

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Liu, X., Zakamska, N. L., Greene, J. E., Strauss, M. A., Krolik, J. H., and Heckman, T. M. Host Galaxies of Luminous Type 2 Quasars at $z \sim 0.5$. **Astrophysical Journal**, 702: 1098-1117, 9/2009.

Modjaz, M., Li, W., Butler, N., Chornock, R., Perley, D., Blondin, S., Bloom, J. S., Filippenko, A. V., Kirshner, R. P., Kocevski, D., Poznanski, D., Hicken, M., Foley, R. J., Stringfellow, G. S.,

^{*} 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*, *Astrophysical Journal*, *Publications of the Astronomical Society of the Pacific*, *Icarus*, *Science* and *Nature*. In a few exceptional and well-assessed cases, we also count papers from "secondary" journals.

[†] 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.

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