

**Institute for Astronomy  
University of Hawai‘i at Mānoa  
Publications in Calendar Year 2014**

- Abbas, M. A., Grebel, E. K., Martin, N. F., **Burgett, W. S., Flewelling, H., & Wainscoat, R. J.** Newly Discovered RR Lyrae Stars in the SDSS-Pan-STARRS1-Catalina Footprint. *MNRAS*, 441, 1230–1242 ([2014](#))
- Abbas, M., Grebel, E. K., Martin, N. F., **Kaiser, N., Burgett, W. S., Huber, M. E., & Waters, C.** An Optimized Method to Identify RR Lyrae Stars in the SDSS×Pan-STARRS1 Overlapping Area Using a Bayesian Generative Technique. *AJ*, 148, 8 ([2014](#))
- Aberasturi, M., Burgasser, A. J., Mora, A., Solano, E., Martín, E. L., Reid, I. N., & **Looper, D.** Constraints on the Binary Properties of Mid- to Late T Dwarfs from *Hubble Space Telescope* WFC3 Observations. *AJ*, 148, 129 ([2014](#))
- Alatalo, K., et al., including **Dopita, M. A.**, Strong Far-Infrared Cooling Lines, Peculiar CO Kinematics, and Possible Star-formation Suppression in Hickson Compact Group 57. *ApJ*, 795, 159 ([2014](#))
- Allevato, V., et al., including **Hasinger, G.** Clustering of Moderate Luminosity X-Ray-selected Type 1 and Type 2 AGNs at  $z \sim 3$ . *ApJ*, 796, 4 ([2014](#))
- Ammons, S. M., Neichel, B., **Lu, J.**, et al. A Measurement of the Systematic Astrometric Error in GeMS and the Short-Term Astrometric Precision in ShaneAO. *Proc. SPIE*, 9148, 91481J ([2014](#))
- Ansdel, M., Meech, K. J.,** Hainaut, O., Buie, M. W., **Kaluna, H.,** Bauer, J., & Dundon, L. Refined Rotational Period, Pole Solution, and Shape Model for (3200) Phaethon. *ApJ*, 793, 50 ([2014](#))
- Applegate, D. E., et al., including **Ebeling, H.** Weighing the Giants - III. Methods and Measurements of Accurate Galaxy Cluster Weak-Lensing Masses. *MNRAS*, 439, 48–72 ([2014](#))
- Ascaso, B., Lemaux, B. C., Lubin, L. M., **Gal, R. R.,** Kocevski, D. D., Rumbaugh, N., & Squires, G. The Violent Youth of Bright and Massive Cluster Galaxies and Their Maturation over 7 Billion Years. *MNRAS*, 442, 589–615 ([2014](#))
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- Bai, Y., **Barger, A. J.,** Barger, V., Lu, R., Peterson, A. D., & Salvado, J. Neutrino Lighthouse at Sagittarius A\*. *Phys. Rev. D*, 90, 063012 ([2014](#))
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- Baloković, M., et al., including **Koss, M.** The NuSTAR View of Nearby Compton-Thick Active Galactic Nuclei: The Cases of NGC 424, NGC 1320, and IC 2560. *ApJ*, 794, 111 ([2014](#))
- Bañados, E., et al., including **Chambers, K. C., Morgan, J. S., Burgett, W. S., Kaiser, N., Kudritzki, R.-P., Magnier, E. A., Sweeney, W., Tonry, J. L., Wainscoat, R. J., Waters, C.** Discovery of Eight  $z \sim 6$  Quasars from Pan-STARRS1. *AJ*, 148, 14 ([2014](#))
- Bañados, E., et al., including **Chambers, K. C., Morgan, J. S., Burgett, W. S., Kaiser, N., Kudritzki, R.-P., Magnier, E. A., Sweeney, W., Tonry, J. L., Wainscoat, R. J., Waters, C.** The Discovery of Eight  $z \sim 6$  Quasars from Pan-STARRS1. In IAU Symp. 304: Multiwavelength AGN Surveys and Studies, 19–22 ([2014](#))
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- Baranec, C.,** Riddle, R., Law, N. M., **Chun, M. R., Lu, J. R., Connelley, M. S., Hall, D., Atkinson, D., & Jacobson, S.** Second Generation Robo-AO Instruments and Systems. *Proc. SPIE*, 9148, 914812 ([2014](#))
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- Bennett, C. J., Ennis, C. P., & **Kaiser, R. I.** Experimental Studies on the Formation of D<sub>2</sub>O and D<sub>2</sub>O<sub>2</sub> by Implantation of Energetic D<sup>+</sup> Ions into Oxygen Ices. *ApJ*, 782, 63 (2014)
- Bennett, C. J., Ennis, C. P., & **Kaiser, R. I.** Implantation of Energetic D<sup>+</sup> Ions into Carbon Dioxide Ices and Implications for our Solar System: Formation of D<sub>2</sub>O and D<sub>2</sub>CO<sub>3</sub>. *ApJ*, 794, 57 (2014)
- Bernard, E. J., et al., including **Burgett, W. S.**, **Chambers, K. C.**, **Hodapp, K. W.**, **Kaiser, N.**, **Kudritzki, R.-P.**, **Magnier, E. A.**, **Morgan, J. S.**, **Tonry, J. L.**, **Wainscoat, R. J.**, **Waters, C.** Serendipitous Discovery of a Thin Stellar Stream near the Galactic Bulge in the Pan-STARRS1 3π Survey. *MNRAS*, 443, L84–L88 (2014)
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