

MEREDITH A. MACGREGOR

Publication List (7 First Author, 17 Total)

First Author

7. “A Complete ALMA Map of the Fomalhaut Debris Disk,” **M. A. MacGregor**, L. Matrà, P. Kalas, D. J. Wilner, M. Pan, G. M. Kennedy, M.C. Wyatt, G. Duchene, A. M. Hughes, G. H. Rieke, M. Clampin, M. P. Fitzgerald, J. R. Graham, W. S. Holland, O. Panić, A. Shannon, K. Y. L. Su, 2017, ApJ, 842, 8, 11pp
<http://adsabs.harvard.edu/abs/2017ApJ...842....8M>
6. “ALMA Measurements of Circumstellar Material in the GQ Lup System,” **M. A. MacGregor**, D. J. Wilner, I. Czekala, S. M. Andrews, Y. S. Dai, G. J. Herczeg, K. M. Kratter, A. L. Kraus, L. Ricci, L. Testi, 2017, ApJ, 835,17, 9pp
<http://adsabs.harvard.edu/abs/2017ApJ...835...17M>
5. “ALMA Observations of the Debris Disk of Solar Analogue Tau Ceti,” **M. A. MacGregor**, S. M. Lawler, D. J. Wilner, B. C. Matthews, G. M. Kennedy, M. Booth, J. Di Francesco, 2016, ApJ, 828, 113, 8pp
<http://adsabs.harvard.edu/abs/2016ApJ...828..113M>
4. “Constraints on Planetesimal Collision Models in Debris Disks,” **M. A. MacGregor**, D. J. Wilner, C. Chandler, L. Ricci, S. T. Maddison, S. R. Cranmer, S. M. Andrews, A. M. Hughes, A. Steele, 2016, ApJ, 823, 79, 14pp
<http://adsabs.harvard.edu/abs/2016ApJ...823...79M>
3. “The Epsilon Eridani System Resolved by Millimeter Interferometry,” **M. A. MacGregor**, D. J. Wilner, S. M Andrews, J.-F. Lestrade, S. Maddison, 2015, ApJ, 809, 47, 11pp
<http://adsabs.harvard.edu/abs/2015ApJ...809...47M>
2. “Resolved Millimeter Emission from the HD 15115 Debris Disk,” **M. A. MacGregor**, D. J. Wilner, S. M. Andrews, A. M. Hughes, 2015, ApJ, 801, 59, 8pp
<http://adsabs.harvard.edu/abs/2015ApJ...801...59M>
1. “Millimeter Emission Structure in the First ALMA Image of the AU Mic Debris Disk,” **M. A. MacGregor**, D. J. Wilner, K. A. Rosenfeld, S. M. Andrews, B. Matthews, A. M. Hughes, M. Booth, E. Chiang, J. R. Graham, P. Kalas, G. Kennedy, B. Sibthorpe, 2013, ApJL, 762, L21, 5pp
<http://adsabs.harvard.edu/abs/2013ApJ...762L..21M>

Co-Author

10. “Review: Far-Infrared Instrumentation and Technology Development for the Next Decade,” D. Farrah, K. E. Smith, D. Ardila, C. M. Bradford, M. Dipirro, C. Ferkinhoff, J. Glenn, P. Goldsmith, D. Leisawitz, T. Nikola, N. Rangwala, S. A. Rinehart, J. Staguhn, M. Zemcov, J. Zmuidzinas, J. Bartlett, S. Carey, W. J. Fischer, J. Kamenetzky, J. Kartaltepe, M. Lacy, D. C. Lis, E. Lopez-Rodriguez, **M. MacGregor**, S. H. Moseley, E. J. Murphy, A. Rhodes, M. Richter, D. Rigopoulou, D. Sanders, R. Sankrit, G.Savini, J.-D. Smith, S. Stierwalt, 2017, submitted as an invited review article to JATIS
<http://adsabs.harvard.edu/abs/2017arXiv170902389F>
9. “VLA Observations of the HD 141569 Triple System,” J. A. White, A. C. Boley, **M. A. MacGregor**, A. M. Hughes, D. J. Wilner, 2017, submitted to MNRAS

8. "ALMA 1.3 Millimeter Map of the HD 95086 System," K. Y. L. Su, **M. A. MacGregor**, M. Booth, D. J. Wilner, K. Flaherty, A. M. Hughes, N. M. Phillips, R. Malhotra, A. S. Hales, S. Morrison, S. Ertel, B. C. Matthews, W. R. F. Dent, S. Casassus, 2017, submitted to AJ
7. "Detection of exocometary CO within the 440 Myr-old Fomalhaut belt: a similar CO+CO₂ ice abundance in exocomets and Solar System comets," L. Matr a, **M. A. MacGregor**, P. Kalas, M. C. Wyatt, G. M. Kennedy, D. J. Wilner, G. Duchene, A. M. Hughes, M. Pan, A. Shannon, M. Clampin, M. P. Fitzgerald, J. R. Graham, W. S. Holland, O. Pani c, K. Y. L. Su, 2017, ApJ, 842, 9, ApJ, 842, 9, 15pp
<http://adsabs.harvard.edu/abs/2017ApJ...842....9M>
6. "A Multi-Ringed, Modestly-Inclined Protoplanetary Disk Around AA Tau," R. A. Loomis, K. I.  berg, S. M. Andrews, **M. A. MacGregor**, 2016, ApJ, 840, 23, 9pp
<http://adsabs.harvard.edu/abs/2017ApJ...840...23L>
5. "An ATCA survey of debris disks at 7 millimeters," L. Ricci, S. T. Maddison, D. Wilner, **M. A. MacGregor**, C. Ubach, J. M. Carpenter, L. Testi, 2015, ApJ, 813, 138, 6pp
<http://adsabs.harvard.edu/abs/2015ApJ...813..138R>
4. "The AU Mic Debris Disk: Far-infrared and Submillimeter Resolved Imaging," B. C. Matthews, and 22 co-authors including **M. A. MacGregor**, 2015, ApJ, 811, 100, 12pp
<http://adsabs.harvard.edu/abs/2015ApJ...811..100M>
3. "Ammonia Thermometry of Star-Forming Galaxies," J. G. Mangum, J. Darling, C. Henkel, K. M. Menten, **M. MacGregor**, B. E. Svoboda, E. Schinnerer, 2013, ApJ, 779, 33, 27pp
<http://adsabs.harvard.edu/abs/2013ApJ...779...33M>
2. "Constraining a Model of Turbulent Coronal Heating for AU Microscopii with X-Ray, Radio, and Millimeter Observations," S. R. Cranmer, D. J. Wilner, **M. A. MacGregor**, 2013, ApJ, 772, 149, 9pp
<http://adsabs.harvard.edu/abs/2013ApJ...772..149C>
1. "A Resolved Millimeter Emission Belt in the AU Mic Debris Disk," D. J. Wilner, S. M. Andrews, **M. A. MacGregor**, A. M. Hughes, 2013, ApJ, 749, L27, 4pp
<http://adsabs.harvard.edu/abs/2012ApJ...749L..27W>