

## Refereed Publications of Ruth Daly

**Undergraduate students and graduate students supervised by Daly are indicated by superscripts “US” and “GS,” respectively.**

Daly, R. A. 2020, “Black Hole Mass Accretion Rates and Efficiency Factors for over 750 AGN and multiple GBH,” *Monthly Notices of the Royal Astronomical Society*, 500, 215 - 231.

Daly, R. A. 2019, “Black Hole Spin and Accretion Disk Magnetic Field Strength Estimates for more than 750 AGN and multiple GBH,” *Astrophysical Journal*, 886, 37 - 55.

Vaddi, S., Kharb, P., Daly, R. A., O’Dea, C. P., Baum, S. A., Deo, K. D., Barbusca<sup>US</sup>, T. C., & Murali, C. 2018, “A VLA–GMRT Look at 11 Powerful FR II Quasars,” *Monthly Notices of the Royal Astronomical Society*, 484, 385-408.

Daly, R. A., Stout<sup>US</sup>, D. A., & Mysliwiec<sup>US</sup>, J. N. 2018, “A Fundamental Line of Black Hole Activity,” *the Astrophysical Journal*, 863, 117-122.

Daly, R. A. 2016, “Spin properties of supermassive black holes with powerful outflows,” *Monthly Notices of the Royal Astronomical Society, Letters*, 458, L24 - L28.

Daly, R. A., & Sprinkle<sup>US</sup>, T. B. 2014 “Black hole spin properties of 130 AGN,” *Monthly Notices of the Royal Astronomical Society*, 438, 3233-3242.

Daly, R. A., Sprinkle<sup>US</sup>, T. B., O’Dea, C. P., Kharb, P., & Baum, S. A. 2012 “The Relationship between Beam Power and Radio Power for Classical Double Radio Sources,” *Monthly Notices of the Royal Astronomical Society*, 423, 2498-2502.

Daly, R. A. 2011, “Estimates of Black Hole Spin Properties of 55 Sources,” *Monthly Notices of the Royal Astronomical Society*, 414, 1253-1262.

Daly, R. A., Kharb, P., O’Dea, C. P., Baum, S. A., Mory<sup>US</sup>, M. P., McKane<sup>US</sup>, J., Altenderfer<sup>US</sup>, C. Beury<sup>US</sup>, M. 2010, “A Detailed Study of the Lobes of Eleven Powerful Radio Galaxies,” *Astrophysical Journal Supplement Series*, 187, 1-63.

Daly, R. A. 2009, “Bounds on Black Hole Spins,” *Astrophysical Journal Letters*, 696, L32-36.

Daly, R. A. 2009, “Black Hole Spins of Radio Sources,” *Astrophysical Journal Letters*, 691, L72-76.

Daly, R. A., Mory<sup>US</sup>, M. P., O’Dea, C. P., Kharb, P., Baum, S., Guerra, E. J., & Djorgovski, S. G. 2009, “Cosmological Studies with Radio Galaxies and Supernovae,” *Astrophysical Journal*, 691, 1058-1067.

O'Dea, C. P., Daly, R. A., Freeman<sup>US</sup>, K. A., Kharb, P., & Baum, S. 2009, "Physical Properties of Very Powerful FR II Radio Galaxies," *Astronomy & Astrophysics*, 494, 471-488.

Daly, R. A., Djorgovski, S. G., Freeman<sup>US</sup>, K. A., Mory<sup>US</sup>, M. P., O'Dea, C. P., Kharb, P., & Baum, S. 2008 "Improved Constraints on the Acceleration History of the Universe and the Properties of the Dark Energy," *Astrophysical Journal*, 677, 1 – 11.

Kharb, P., O'Dea, C., Baum, S., Daly, R. A., Mory<sup>US</sup>, M. P., Donahue, M., & Guerra, E. J. 2008, "A Study of Thirteen Powerful Classical Double Radio Galaxies," *Astrophysical Journal Supplement Series*, 174, 74 – 110

Daly, R. A., & Djorgovski, G. 2007, "A Nearly Model-Independent Characterization of Dark Energy Properties as a Function of Redshift," *NuPhS*, 173, 19 – 23.

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Carvalho, J. C., Daly, R. A., Mory<sup>US</sup>, M. P., & O'Dea, C. P. 2005, "Comparison of Radio Observations and Numerical Simulations of the Radio Lobes of Cygnus A," *Astrophysical Journal*, 620, 126-144.

Daly, R. A. 2005, "Radio Galaxies and the Acceleration of the Universe Beyond a Redshift of One," in "Advances in Space Research" eds. L. Zasova, J. T. Hoeksema, R. V. Duncan, and T. J. Sumner, (Elsevier Ltd), Volume 35, Issue 1, 116-121. (arXiv:astro-ph/0212107)

Daly, R. A., & Djorgovski, S. G. 2004, "Direct Determination of the Kinematics of the Universe and Properties of the Dark Energy as Functions of Redshift," *Astrophysical Journal*, 612, 652-659.

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Donahue, M., Daly, R. A., & Horner, D. J. 2003, "Constraints on the Cluster Environments and Hot Spot Magnetic Field Strengths of the Radio Sources 3C 280 and 3C 254," *Astrophysical Journal*, 584, 643-656.

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