

## Thomas G. Beatty – Publication List

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SUMMARY 96 papers total, 16 first author or supervised papers, and 20 with a significant contribution. H-index of 34 (via NASA ADS).

FIRST-AUTHOR  
AND SUPERVISED  
PUBLICATIONS

16. *Spitzer Eclipses of the Transiting Brown Dwarf AD 3116b and a Systematic Difference Between the Observed and Predicted Radii of Brown Dwarfs*  
**Beatty, T. G.**, Marley, M. S., Line, M. R., and 2 coauthors,  
2021, submitted
15. *A Detailed Cloud Map of an Exoplanet*  
**Beatty, T. G.**, Showman, A. P., Morley, C., and 4 coauthors,  
2021, submitted
14. *The Detectability of Nightside City Lights on Exoplanets*  
**Beatty, T. G.**  
2021, MNRAS, in press
13. *The TESS Phase Curve of KELT-1b Suggests a High Dayside Albedo*  
**Beatty, T. G.**, Wong, I., Fetherolf, T., and 12 coauthors,  
2020, AJ, 160, 211
12. *Spitzer Phase Curves of KELT-1b and the Signatures of Nightside Clouds in Thermal Phase Observations*  
**Beatty, T. G.**, Marley, M. S., Gaudi, B. S., and 3 coauthors,  
2019, AJ, 158, 166
11. *A Significant Overluminosity in the Transiting Brown Dwarf CWW 89Ab*  
**Beatty, T. G.**, Morley, C., Curtis, J., and 4 coauthors,  
2018, AJ, 156, 168
10. *The Broadband and Spectrally-Resolved H-band Eclipse of KELT-1b and the Role of Surface Gravity in Stratospheric Inversions in Hot Jupiters*  
**Beatty, T. G.**, Madhusudhan, N., Pogge, R., and 4 coauthors,  
2017, AJ, 154, 242
9. *Evidence for Atmospheric Cold-trap Processes in the Non-inverted Emission Spectrum of Kepler-13Ab using HST/WFC3*  
**Beatty, T. G.**, Madhusudhan, N., Tsiaras, A., and 5 coauthors,  
2017, AJ, 154, 158
8. *The Role of Precise Photometric Transit Observations in the Era of Gaia Illustrated Using Transit Observations of KELT-11b from Spitzer*  
**Beatty, T. G.**, Stevens, D. J., Collins, K. A., and 7 coauthors,  
2017, AJ, 154, 25
7. *Near-IR Emission Spectrum of WASP-103b Using Hubble Space Telescope/Wide Field Camera 3*  
Cartier, K. M. S., **Beatty, T. G.**, Zhao, M., and 8 coauthors,  
2017, AJ, 153, 34
6. *Sources of Statistical Uncertainty in Precision Radial Velocities and Their Approximations*  
**Beatty, T. G.**, & Gaudi, B. S.,  
2015, PASP, 127, 1240
5. *Spitzer and z' Secondary Eclipse Observations of the Highly Irradiated Transiting Brown Dwarf KELT-1b*  
**Beatty, T. G.**, Collins, K. A., Fortney, J., and 9 coauthors,  
2014, ApJ, 783, 112
4. *KELT-2Ab: A Hot Jupiter Transiting the Bright ( $V = 8.77$ ) Primary Star of a Binary System*  
**Beatty, T. G.**, Pepper, J., Siverd, R. J., and 28 coauthors,  
2012, ApJL, 756, L39

3. *Transit Probabilities for Stars with Stellar Inclination Constraints*  
**Beatty, T. G.**, & Seager, S., 2010,  
ApJ, 714, 1433
2. *Predicting the Yields of Photometric Surveys for Transiting Extrasolar Planets*  
**Beatty, T. G.**, & Gaudi, B. S., 2008,  
ApJ, 686, 1302
1. *The Mass and Radius of the Unseen M Dwarf Companion in the Single-Lined Eclipsing Binary HAT-TR-205-013*  
**Beatty, T. G.**, Fernandez, J. M., Latham, D. W., and 7 coauthors,  
2007, ApJ, 663, 573

SIGNIFICANT  
CONTRIBUTION  
PUBLICATIONS

20. *JWST Noise Floor II: Systematic Error Sources in JWST NIRC*am* Time Series*  
Schlawin, E., Leisenring, J., McElwain, M. W., and 7 coauthors including **Beatty, T. G.**,  
2020, AJ, 161, 115
19. *JWST Noise Floor I: Random Error Sources in JWST NIRC*am* Time Series*  
Schlawin, E., Leisenring, J., Misselt, K., and 4 coauthors including **Beatty, T. G.**,  
2020, AJ, 160, 231
18. *An Extreme-mass Ratio, Short-period Eclipsing Binary Consisting of a B Dwarf Primary and a Pre-main Sequence M Star Companion Discovered by KELT*  
Stevens, D. J., Zhou, G., Johnson, M. C., and 16 coauthors including **Beatty, T. G.**,  
2020, MNRAS, 499, 3775
17. *Eigenspectra: a framework for identifying spectra from 3D eclipse mapping*  
MA*n*sfield, M., Schlawin, E., Lustig-Yaeger, J., 8 coauthors including **Beatty, T. G.**,  
2020, MNRAS, 499, 5151
16. *An Unusual Transmission Spectrum for the Sub-Saturn KELT-11*b* Suggestive of a Sub-Solar Water Abundance*  
Colon, K. D., Kreidberg, L., Line, M. R., and 30 coauthors including **Beatty, T. G.**,  
2020, AJ, 160, 280
15. *Evidence for H<sub>2</sub> Dissociation and Recombination Heat Transport in the Atmosphere of KELT-9*b**  
Mansfield, M., Bean, J. L., Stevenson, K. B., and 17 coauthors including **Beatty, T. G.**,  
2020, ApJ, 888, 15
14. *EXOFASTv2: A Public, Generalized, Publication-quality Exoplanet Modeling Code*  
Eastman, J. D., Rodriguez, J. E., Agol, E., and 6 coauthors including **Beatty, T. G.**,  
2019, PASP, submitted
13. *A Giant Planet Undergoing Extreme-Ultraviolet Irradiation by its hot Massive-Star Host*  
Gaudi, B. S., Stassun, K. G., Collins, K. A., **Beatty, T. G.**, and 42 coauthors,  
2017, Nature, 546, 514
12. *KELT-12*b*: A  $P \sim 5$  Day, Highly Inflated Hot Jupiter Transiting a Mildly Evolved Hot Star*  
Stevens, D. J., Collins, K. A., Gaudi, B. S., **Beatty, T. G.**, and 45 coauthors,  
2017, AJ, 153, 178
11. *KELT-17*b*: A hot-Jupiter Transiting an A-star in a Misaligned Orbit Detected with Doppler Tomography*  
Zhou, G., Rodriguez, J. E., Collins, K. A., **Beatty, T. G.**, and 44 coauthors,  
2016, AJ, 152, 136
10. *Spin-orbit Alignment for KELT-7*b* and HAT-P-56*b* via Doppler Tomography with TRES*  
Zhou, G., Latham, D. W., Bieryla, A., **Beatty, T. G.**, and 4 coauthors,  
2016, MNRAS, 460, 3376
9. *KELT-4A*b*: An Inflated Hot Jupiter Transiting the Bright ( $V=10$ ) Component of a Hierarchical Triple*  
Eastman, J. D., **Beatty, T. G.**, Siverd, R. J., and 42 coauthors,  
2016, AJ, 151, 45

8. *KELT-8b: A Highly Inflated Transiting Hot Jupiter and a New Technique for Extracting High-precision Radial Velocities from Noisy Spectra*  
Fulton, B. J., Collins, K., Gaudi, B. S., and 29 coauthors including **Beatty, T. G.**,  
2015, ApJ, 810, 30
7. *KELT-7b: A Hot Jupiter Transiting a Bright  $V = 8.54$  Rapidly Rotating F-star*  
Bieryla, A., Collins, K., **Beatty, T. G.**, and 31 coauthors,  
2015, AJ, 150, 12
6. *Miniature Exoplanet Radial Velocity Array (MINERVA) I. Design, Commissioning, and First Science Results*  
Swift, J. J., Bottom, M., Johnson, J. A., and 27 coauthors including **Beatty, T. G.**,  
2015, JATIS, 1, 027002
5. *KELT-6b: A  $P \sim 7.9$  d Hot Saturn Transiting a Metal-Poor Star with a Long-Period Companion*  
Collins, K. A., Eastman, J. D., **Beatty, T. G.**, and 39 coauthors,  
2013, AJ, 147, 39
4. *KELT-3b: A Hot Jupiter Transiting a  $V=9.8$  Late-F Star*  
Pepper, J., Siverd, R. J., **Beatty, T. G.**, and 31 coauthors,  
2013, ApJ, 773, 64
3. *KELT-1b: A Strongly Irradiated, Highly Inflated, Short Period, 27 Jupiter-mass Companion Transiting a Mid-F Star*  
Siverd, R. J., **Beatty, T. G.**, Pepper, J., and 29 coauthors,  
2012, ApJ, 761, 123
2. *Very Low Mass Stellar and Substellar Companions to Solar-like Stars from MARVELS. II. A Short-period Companion Orbiting an F Star with Evidence of a Stellar Tertiary and Significant Mutual Inclination*  
Fleming, S. W., Ge, J., Barnes, R., **Beatty, T. G.**, and 58 coauthors,  
2012, AJ, 144, 72
1. *The Transit Light Curve Project. XI. Submillimagnitude Photometry of Two Transits of the Bloated Planet WASP-4b*  
Winn, J. N., Holman, M. J., Carter, J. A., Torres, G., Osip, D. J., **Beatty, T. G.**,  
2009, AJ, 137, 3826

OTHER REFEREED  
PUBLICATIONS

60. *TOI-3362b: A Proto-Hot Jupiter Undergoing High-Eccentricity Tidal Migration*  
Dong, J., Huang, C. X., Zhou, G., and 24 coauthors including **Beatty, T. G.**,  
2021, ApJL, submitted
59. *TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data*  
Kostov, V. B., Powell, B. P., Orosz, J. A., and 18 coauthors including **Beatty, T. G.**,  
2021, AJ, in press
58. *Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1*  
Dong, J., Huang, C. X., Dawson, R. I., and 28 coauthors including **Beatty, T. G.**,  
2021, ApJS, 255, 6
57. *TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images*  
Rodriguez, J. E., Quinn, S. N., Zhou, G., and 21 coauthors including **Beatty, T. G.**,  
2021, AJ, 161, 194
56. *Two Planets Straddling the Habitable Zone of The Nearby K Dwarf Gl 414A*  
Dedrick, C. M., Fulton, B. J., Knutson, H. A., and 14 coauthors including **Beatty, T. G.**,  
2021, AJ, 161, 86
55. *Space Telescope and Optical Reverberation Mapping Project. IX. Velocity-Delay Maps for Broad Emission Lines in NGC 5548*  
Horne, K., De Rosa, G., Peterson, M. M., and 155 coauthors including **Beatty, T. G.**,  
2021, ApJ, 907, 76

54. *Space Telescope and Optical Reverberation Mapping Project. XII. Broad-Line Region Modeling of NGC 5548*  
Williams, P. R., Pancoast, A., Treu, T., and 155 coauthors including **Beatty, T. G.**,  
2020, ApJ, 902, 74
53. *KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*  
Martinez, R. R., Gaudi, B. S., Rodriguez, J. E., and 89 coauthors including **Beatty, T. G.**,  
2020, AJ, 160, 111
52. *KELT-9 b's Asymmetric TESS Transit Caused by Rapid Stellar Rotation and Spin-Orbit Misalignment*  
Ahlers, J. P., Johnson, M. C., Stassun, K. G., and 19 coauthors including **Beatty, T. G.**,  
2020, AJ, 160, 4
51. *Orbital Refinement and Stellar Properties for the HD 9446, HD 43691, and HD 179079 Planetary Systems*  
Hill, M. L., Mocnik, T., Kane, S. R., and 15 coauthors including **Beatty, T. G.**,  
2020, AJ, 159, 197
50. *Space Telescope and Optical Reverberation Mapping Project. VIII. Time Variability of Emission and Absorption in NGC 5548 Based on Modeling the Ultraviolet Spectrum*  
Kriss, G. A., De Rosa, G., Ely, J., and 164 coauthors including **Beatty, T. G.**,  
2019, ApJ, 881, 153
49. *TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune*  
Dragomir, D., Teske, J., Gunther, M. N., and 48 coauthors including **Beatty, T. G.**,  
2019, ApJ, 875, 7
48. *KELT-24b: A 5M J Planet on a 5.6 day Well-Aligned Orbit around the Young V=8.3 F-star HD 93148*  
Rodriguez, J. E., Eastman, J. D., Zhou, G., and 34 coauthors including **Beatty, T. G.**,  
2019, AJ, 158, 197
47. *First Radial Velocity Results From the MINIature Exoplanet Radial Velocity Array (MINERVA)*  
Wilson, M. L., Eastman, J. D., Cornachione, M. A., and 21 coauthors including **Beatty, T. G.**,  
2019, PASP, 131, 5001
46. *KELT-23Ab: A Hot Jupiter Transiting a Near-solar Twin Close to the TESS and JWST Continuous Viewing Zones*  
Johns, D., Reed, P. A., Rodriguez, J. E., and 23 coauthors including **Beatty, T. G.**,  
2019, AJ, 158, 78
45. *Precovery of TESS Single Transits with KELT*  
Yao, X., Pepper, J., Gaudi, B. S., and 10 coauthors including **Beatty, T. G.**,  
2019, AJ, 157, 37
44. *A Discrete Set of Possible Transit Ephemerides for Two Long Period Gas Giants Orbiting HIP 41378*  
Becker, J. C., Vanderburg, A., Rodriguez, J. E., and 22 coauthors including **Beatty, T. G.**,  
2019, AJ, 157, 19
43. *KELT-22Ab: A Massive Hot Jupiter Transiting a Near Solar Twin*  
Labadie-Bartz, J., Rodriguez, J. E., Stassun, K. G., and 58 coauthors including **Beatty, T. G.**,  
2019, ApJS, 240, 13
42. *The KELT Follow-Up Network and Transit False Positive Catalog: Pre-vetted False Positives for TESS*  
Collins, K. A., Collins, K. I., Pepper, J., and 108 coauthors including **Beatty, T. G.**,  
2018, AJ, 156, 234
41. *A Framework for Prioritizing the TESS Planetary Candidates Most Amenable to Atmospheric Characterization*  
Kempton, E. M.-R., Bean, J. L., Louie, D. R., and 40 coauthors including **Beatty, T. G.**,  
2018, PASP, 130, 4401

40. *EarthFinder: A Precise Radial Velocity Probe Mission Concept For the Detection of Earth-Mass Planets Orbiting Sun-like Stars*  
Plavchan, P., Cale, B., Newman, P., and 40 coauthors including **Beatty, T. G.**,  
2018, National Academies Committee on Exoplanet Science Strategy
39. *Kepler-503b: An Object at the Hydrogen Burning Mass Limit Orbiting a Subgiant Star*  
Canas, C. I., Bender, C. F., Mahadevan, S., and 10 coauthors including **Beatty, T. G.**,  
2018, ApJ, 861, 4
38. *Global Climate and Atmospheric Composition of the Ultra-hot Jupiter WASP-103b from HST and Spitzer Phase Curve Observations*  
Kreidberg, L., Line, M. R., Parmentier, V., and 13 coauthors including **Beatty, T. G.**,  
2018, AJ, 156, 17
37. *KELT-21b: A Hot Jupiter Transiting the Rapidly Rotating Metal-poor Late-A Primary of a Likely Hierarchical Triple System*  
Johnson, M. C., Rodriguez, J. E., Zhou, G., and 65 coauthors including **Beatty, T. G.**,  
2018, AJ, 155, 100
36. *The First Post-Kepler Brightness Dips of KIC 8462852*  
Boyajian, T. S., Alonso, R., Ammerman, A., and 205 coauthors including **Beatty, T. G.**,  
2018, ApJ, 853, 8
35. *A Survey of Eight Hot Jupiters in Secondary Eclipse Using WIRCcam at CFHT*  
Martoli, E., Colon, K. D., Angerhausen, D., and 13 coauthors including **Beatty, T. G.**,  
2018, MNRAS, 474, 426
34. *Variability Properties of 4 Million Sources in the TESS Input Catalog Observed With the Kilodegree Extremely Little Telescope Survey*  
Oelkers, R. J., Rodriguez, J. E., Stassun, K. G., and 10 coauthors including **Beatty, T. G.**,  
2018, AJ, 155, 390
33. *KELT-19Ab: A  $P \sim 4.6$  Day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion*  
Siverd, R. J., Collins, K. A., Zhou, G., and 45 coauthors including **Beatty, T. G.**,  
2018, AJ, 155, 35
32. *Identification of Young Stellar Variables with KELT for K2 II: The Upper Scorpius Association*  
Ansdell, M., Oelkers, R. J., Rodriguez, J. E., and 13 coauthors including **Beatty, T. G.**,  
2018, MNRAS, 473, 1231
31. *KELT-20b: A Giant Planet With a Period of  $P \sim 3.5$  Days Transiting the  $V \sim 7.6$  Early A-Star HD 185603*  
Lund, M. B., Rodriguez, J. E., Zhou, G., and 46 coauthors including **Beatty, T. G.**,  
2017, AJ, 154, 194
30. *Identification of Young Stellar Variables with KELT for K2 I: Campaign 13 Taurus Dippers and Rotators*  
Rodriguez, J. E., Ansdell, M., Oelkers, R. J., and 13 coauthors including **Beatty, T. G.**,  
2017, ApJ, 848, 97
29. *Toward Space-like Photometric Precision from the Ground with Beam-shaping Diffusers*  
Stefansson, G., Mahadevan, S., Hebb, L., and 21 coauthors including **Beatty, T. G.**,  
2017, ApJ, 848, 9
28. *WASP-167b/KELT-13b: Joint Discovery of a hot Jupiter Transiting a Rapidly Rotating F1V Star*  
Temple, L. Y., Hellier, C., Albrow, M. D., and 42 coauthors including **Beatty, T. G.**,  
2017, MNRAS, 471, 2743
27. *Periodic Eclipses of the Young Star PDS 110 Discovered with WASP and KELT Photometry*  
Osborn, H. P., Rodriguez, J. E., Kenworthy, M. A., and 28 coauthors including **Beatty, T. G.**,  
2017, MNRAS, 471, 740

26. *Space Telescope and Optical Reverberation Mapping Project. VII. Understanding the Ultraviolet Anomaly in NGC 5548 with X-Ray Spectroscopy*  
Mathur, S., Gupta, A., Page, K., and 147 coauthors including **Beatty, T. G.**,  
2017, ApJ, 846, 55
25. *A Bright Short Period M-M Eclipsing Binary from the KELT Survey: Magnetic Activity and the Mass-Radius Relationship for M Dwarfs*  
Lubin, J. B., Rodriguez, J. E., Zhou, G., and 25 coauthors including **Beatty, T. G.**,  
2017, ApJ, 844, 134
24. *Reverberation Mapping of Optical Emission Lines in Five Active Galaxies*  
Fausnaugh, M. M., Grier, C. J., Bentz, M. C. and 68 coauthors including **Beatty, T. G.**,  
2017, ApJ, 840, 97
23. *Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-line Analysis for NGC 5548*  
Pei, L., Fausnaugh, M. M., Barth, A. J., and 152 coauthors including **Beatty, T. G.**,  
2017, ApJ, 837, 131
22. *The Mysterious Dimmings of the T Tauri Star V1334 Tau*  
Rodriguez, J. E., Zhou, G., Cargile, P. A., and 35 coauthors including **Beatty, T. G.**,  
2017, ApJ, 836, 209
21. *Multiwavelength Transit Observations of the Candidate Disintegrating Planetesimals Orbiting WD 1145+017*  
Croll, B., Dalba, P. A., Vanderburg, A., and 13 coauthors including **Beatty, T. G.**,  
2017, ApJ, 836, 82
20. *KELT-18b: Puffy Planet, Hot Host, Probably Perturbed*  
McLeod, K. K., Rodriguez, J. E., Oelkers, R. J., and 54 coauthors including **Beatty, T. G.**,  
2017, AJ, 153, 263
19. *Photometric Variability of the Be Star Population*  
Labadie-Bartz, J., Pepper, J., McSwain, M. V., and 11 coauthors including **Beatty, T. G.**,  
2017, AJ, 153, 252
18. *KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting the V=8 Subgiant HD 93396*  
Pepper, J., Rodriguez, J. E., Collins, K. A., and 34 coauthors including **Beatty, T. G.**,  
2017, AJ, 153, 215
17. *KELT-16b: A Highly Irradiated, Ultra-Short Period hot Jupiter Nearing Tidal Disruption*  
Oberst, T. E., Rodriguez, J. E., Colon, K. D., and 46 coauthors including **Beatty, T. G.**,  
2017, AJ, 153, 97
16. *DM Ori: A Young Star Occulted by a Disturbance in its Protoplanetary Disk*  
Rodriguez, J. E., Stassun, K. G., Cargile, P., and 18 coauthors including **Beatty, T. G.**,  
2016, ApJ, 831, 74
15. *C IV Broad Absorption Line Acceleration in Sloan Digital Sky Survey Quasars*  
Grier, C. J., Brandt, W. N., Hall, P. B., and 9 coauthors including **Beatty, T. G.**,  
2016, ApJ, 824, 130
14. *An Extreme Analogue of  $\epsilon$  Aurigae: An M-giant Eclipsed Every 69 Years by a Large Opaque Disk Surrounding a Small Hot Source*  
Rodriguez, J. E., Stassun, K. G., Lund, M. B., and 10 coauthors including **Beatty, T. G.**,  
2016, AJ, 151, 123
13. *Recurring Occultations of RW Aurigae by Coagulated Dust in the Tidally Disrupted Circumstellar Disk*  
Rodriguez, J. E., Reed, P. A., Siverd, R. J., and 7 coauthors including **Beatty, T. G.**,  
2016, AJ, 151, 29
12. *KELT-14b and KELT-15b: An Independent Discovery of WASP-122b and a New Hot Jupiter*  
Rodriguez, J. E., Colon, K. D., Stassun, K. G., and 28 coauthors including **Beatty, T. G.**,  
2016, AJ, 151, 138

11. *KELT-10b: The First Transiting Exoplanet from the KELT-South Survey – A Hot Sub-Jupiter Transiting a  $V = 10.7$  Early G-Star*  
Kuhn, R. B., Rodriguez, J. E., Collins, K. A., and 30 coauthors including **Beatty, T. G.**, 2015, MNRAS, 459, 4281
10. *V409 Tau as Another AA Tau: Photometric Observations of Stellar Occultations by the Circumstellar Disk*  
Rodriguez, J. E., Pepper, J., Stassun, K. G., and 7 coauthors including **Beatty, T. G.**, 2015, ApJ, 150, 32
9. *Reverberation Mapping of the Seyfert 1 Galaxy NGC 7469*  
Peterson, B. M., Grier, C. J., Horne, K., and 46 coauthors including **Beatty, T. G.**, 2014, ApJ, 795, 149
8. *Occultation of the T Tauri Star RW Aurigae A by its Tidally Disrupted Disk*  
Rodriguez, J. E., Pepper, J., Stassun, K. G., and 4 coauthors including **Beatty, T. G.**, 2013, AJ, 146, 112
7. *MOA-2010-BLG-328Lb: a sub-Neptune Orbiting Very Late M-dwarf?*  
Furusawa, K., Udalski, A., Sumi, T., and 119 coauthors including **Beatty, T. G.**, 2013, ApJ, 779, 91
6. *MOA-2010-BLG-311: A Planetary Candidate below the Threshold of Reliable Detection*  
Yee, J. C., Hung, L.-W., Bond, I. A., and 129 coauthors including **Beatty, T.G.**, 2013, ApJ, 769, 77
5. *A Cautionary Tale: MARVELS Brown Dwarf Candidate Reveals Itself to be a Very Long Period, Highly Eccentric Spectroscopic Stellar Binary*  
Mack, C. E. III, Ge, J., Deshpande, R., and 42 coauthors including **Beatty, T.G.**, 2013, AJ, 145, 139
4. *The Structure of the Broad-line Region in Active Galactic Nuclei. I. Reconstructed Velocity-delay Maps*  
Grier, C. J., Peterson, B. M., Horne, K., and 38 coauthors including **Beatty, T.G.**, 2013, ApJ, 764, 47
3. *MOA-2010-BLG-523: “Failed Planet” = RS CVn Star*  
Gould, A., Yee, J. C., Bond, I. A., and 122 coauthors including **Beatty, T.G.**, 2013, ApJ, 763, 141
2. *Reverberation Mapping Results for Five Seyfert 1 Galaxies*  
Grier, C. J., Peterson, B. M., Pogge, R. W., and 40 coauthors including **Beatty, T. G.**, 2012, ApJL, 755, 60
1. *A Reverberation Lag for the High-ionization Component of the Broad-line Region in the Narrow-line Seyfert 1 Mrk 335*  
Grier, C. J., Peterson, B. M., Pogge, R. W., and 37 coauthors including **Beatty, T. G.**, 2012, ApJL, 744, 4