### Summary
70 papers total, 12 first author or supervised papers, and 11 with a significant contribution. H-index of 22 (via Google Scholar)

<table>
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<th>First-Author and Supervised Publications</th>
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| **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,  
| **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,  
| **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,  
| **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,  
| **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,  
| **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,  
| **3.** Transit Probabilities for Stars with Stellar Inclination Constraints  
Beatty, T. G., & Seager, S., 2010,  
| **2.** Predicting the Yields of Photometric Surveys for Transiting Extrasolar Planets  
Beatty, T. G., & Gaudi, B. S., 2008,  
| **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,  
11. 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

10. KELT-12b: 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,

9. KELT-17b: 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,

8. Spin-orbit Alignment for KELT-7b and HAT-P-56b via Doppler Tomography with TRES
Zhou, G., Latham, D. W., Bieryla, A., Beatty, T. G., and 4 coauthors,

7. KELT-4Ab: 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

6. 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.,

5. 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

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Swift, J. J., Bottom, M., Johnson, J. A., and 27 coauthors including Beatty, T. G.,
2015, JATIS, 1, 027002

3. 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

2. KELT-3b: A Hot Jupiter Transiting a $V = 9.8$ Late-F Star
Pepper, J., Siverd, R. J., Beatty, T. G., and 31 coauthors,

1. 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,

Other Refereed Publications

47. A Discrete Set of Possible Transit Ephemerides for Two Long Period Gas Giants Orbiting
HIP 41378
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2018, AAS journals, submitted

46. Precovery of TESS Single Transits with KELT
Yao, X., Pepper, J., Gaudi, B. S., and 10 coauthors including Beatty, T. G.,
2018, AAS journals, submitted

45. 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.,
2018, AAS journals, submitted
44. 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.,

43. 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.,
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42. 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.,
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41. 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.,

40. 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.,
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39. 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

38. The First Post-Kepler Brightness Dips of KIC 8462852
Boyajian, T. S., Alonso, R., Ammerman, A., and 205 coauthors including Beatty, T. G.,

37. A Survey of Eight Hot Jupiters in Secondary Eclipse Using WIRCam at CFHT
Martioli, E., Colon, K. D., Angerhausen, D., and 13 coauthors including Beatty, T. G.,

36. 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

35. KELT-19Ab: A P∼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

34. 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.,

33. KELT-20b: A Giant Planet With a Period of P∼3.5 Days Transiting the V∼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

32. 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.,

31. 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.,
30. 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.,

29. 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.,

28. 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.,

27. 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.,

26. 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.,

25. 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.,

24. 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.,

23. Multiwavelength Transit Observations of the Candidate Disintegrating Planetesimals Orbiting
    WD 1145+017
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22. KELT-18b: Puffy Planet, Hot Host, Probably Perturbed
   McLeod, K. K., Rodriguez, J. E., Oelkers, R. J., and 54 coauthors including Beatty, T. G.,

21. Photometric Variability of the Be Star Population
   Labadie-Bartz, J., Pepper, J., McSwain, M. V., and 11 coauthors including Beatty, T. G.,

20. 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.,

19. 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.,

18. 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.,

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    Grier, C. J., Brandt, W. N., Hall, P. B., and 9 coauthors including Beatty, T. G.,

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   Rodriguez, J. E., Reed, P. A., Siverd, R. J., and 7 coauthors including Beatty, T. G.,
   2016, AJ, 151, 29

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   Rodriguez, J. E., Colon, K. D., Stassun, K. G., and 28 coauthors including Beatty, T. G.,

13. 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.,

12. 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.,

11. Reverberation Mapping of the Seyfert 1 Galaxy NGC 7469
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   2013, AJ, 146, 112

9. 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.,

8. 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.,

7. A Cautionary Tale: MARVELS Brown Dwarf Candidate Reveals Itself to be a Very Long Period, Highly Eccentric Spectroscopic Stellar Binary
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