

# BENJAMIN T. MONTET

School of Physics  
University of New South Wales  
Sydney NSW 2052

b.montet@unsw.edu.au

<https://benmontet.github.io>    <https://newts.space>

## EDUCATION

<b>California Institute of Technology, Pasadena, CA</b>	2011–2016
Ph.D., Astrophysics	2016
Thesis: “Low-mass Stars and their Companions”	
M.S., Astrophysics	2013
<b>University of Illinois at Urbana-Champaign, Urbana, IL</b>	2007–2011
B.S., Physics	2011
B.S., Astronomy	2011
Minor in Mathematics	

## APPOINTMENTS

<b>University of New South Wales, Sydney, NSW</b>	2019–Present
Scientia Associate Professor	2026–Present
Academic Director, RIL/WIL	2024–Present
Scientia Senior Lecturer	2022–2025
Scientia Lecturer	2019–2022
<b>University of Chicago, Chicago, IL</b>	2016–2019
NASA Sagan Fellow	
<b>Harvard University, Cambridge, MA</b>	2014–2016
Visiting Graduate Student	
<b>California Institute of Technology, Pasadena, CA</b>	2011–2016
NSF Graduate Research Fellow	2013–2016
Graduate Research Assistant	2011–2013

## LEADERSHIP

<b>University of New South Wales</b>	
Director of Research- and Work-Integrated Learning, Faculty of Science	2024–Present
Development of second-year Faculty of Science course in which 120 students complete group term-long research projects embedded in research groups	
Oversight of growth of experiential learning opportunities for students across the Faculty of Science	
Lead, UNSW Astronomy Minor Development	2021–2024
Designed and implemented research-focused minor to prepare students for graduate-level work	
Led development of second-year stellar/planetary physics course and co-led redevelopment of first-year astrophysics curriculum	

## National and International Leadership

Chair, Astronomical Society of Australia Time Domain Astronomy Chapter	2024–Present
Founder and Steering Committee Member, Stellar and Planetary Research in Greater Sydney (SPRIGS) Conference Series	2025–Present
Lead, Australian Decadal Survey Exoplanet Channel	2023–2025

## SELECTED GRANTS

Total competitive funding awarded: \$10.3 MM AUD (\$2.2 MM AUD as Lead Investigator).

<b>Lead CI, ARC Discovery Project</b> Detecting A New Population of Circumbinary Planets via Apsidal Precession Awarded AUD \$617k	2025
<b>Named Investigator, EU Horizons Program</b> The Wide-Field Spectroscopic Telescope PI Roland Bacon Awarded EUR \$3.0MM	2024
<b>Collaborator, Roman Research and Support Participation Program</b> Laying the Foundation for a Comprehensive View of Transiting Exoplanets with the Galactic Bulge Survey PI Elisa Quintana Awarded USD \$900k	2023
<b>Co-CI, ARC Linkage Program</b> The Worlds Next Door: terrestrial exoplanets with the TOLIMAN space mission Awarded AUD \$885k	2022
<b>Co-CI, ARC LIEF Program</b> The MARVEL Exoplanet Facility Awarded AUD \$296k	2022
<b>Co-I, NASA Astrophysics Data Analysis Program</b> TESS' Royal Road to Stellar Astrophysics: Uniform Analysis of Hundreds of Thousands of Eclipsing Binaries Awarded USD \$645,000	2021
<b>Co-I, NASA Exoplanet Research Program</b> A Uniform Catalog of Planets from TESS Full-Frame Images Awarded USD \$550,000	2021
<b>Principal Investigator, <i>TESS</i> Guest Investigator Program</b> Performing the Most Comprehensive Exoplanet Survey of the Southern Sky with <i>TESS</i> Full Frame Images Uniform Light Curves Across The Entire Sky From TESS FFIs With eleanor Awarded USD \$150,000 (2019) Awarded USD \$200,000 (2018)	2018–2019

<b>Co-Investigator, <i>TESS</i> Guest Investigator Program</b>	2018–2019
Measuring Long Rotation Periods From <i>TESS</i> ’s Short Light Curves	
Awarded USD \$200,000, 2019 (PI Ruth Angus)	
Searching For Planets In The CVZ With <i>TESS</i> Full Frame Image Data	
Awarded USD \$50,000, 2019 (PI Veselin Kostov)	
Awarded USD \$50,000, 2018 (PI Elisa Quintana)	
<b>Science PI, NASA Astrophysics Data Analysis Program</b>	2018
Improving the Sensitivity of Radial Velocity Spectrographs with Data-Driven Techniques	
Awarded USD \$308,326	
<b>Sagan Postdoctoral Fellowship, NASA Exoplanet Science Institute</b>	2016
Exploring the Diversity of Planetary Systems with <i>K2</i>	
Awarded USD \$316,000	
<b>Co-Investigator on <i>Spitzer</i> Proposal</b>	2016
Eclipse Observations of a Temperate Transiting Brown Dwarf	
Awarded 15.7 hours, 2016 (PI Thomas Beatty)	
<b>Co-Investigator, on Hubble Space Telescope Guest Observer Program</b>	2015
Direct Test of the Brown Dwarf Evolutionary Models Through Secondary Eclipse Spectroscopy of LHS 6343	
5 orbits awarded	
Awarded USD \$69,650 (PI John Johnson)	
<b>Principal Investigator/Science PI, <i>K2</i> Guest Observer Program</b>	2013–14
Targeting M dwarfs with <i>K2</i>	
16,049 targets successfully proposed in Campaigns 0-5, 2013-14	
Awarded USD \$75,000 in Campaign 4-5 (as Science PI)	
<b>Co-Investigator, <i>K2</i> Guest Observer Program</b>	2017–2018
Revisiting a Successful Campaign: a Second Term Pursuing Transit Timing of <i>K2</i> -discovered Worlds	
There and Back Again: Revisiting <i>K2</i> Targets for Long-Period and Multiplanet Systems	
Awarded USD \$40,000, 2018 (PI Dan Fabrycky)	
Awarded USD \$35,000, 2017 (PI Dan Fabrycky)	
<b>Principal Investigator, <i>Spitzer</i> Guest Observer Program</b>	2014
LHS 6343: Precise Constraints on the Atmospheric Parameters of an Effectively Isolated Brown Dwarf	
Awarded 22.2 hours	
Awarded USD \$5,000	

## TEACHING AND MENTORSHIP

### University of New South Wales

PHYS2116: Stellar and Planetary Physics (Course Convenor; developed material and assessment, taught four iterations)	2023–Present
SCIF2001: Level 2 Research Skills (Course Convenor; managed engagement of 120 students in 20 research projects across the Faculty of Science, lectured full cohort in one session per week)	2025–Present
SCIF2041 / SCIF3041: Research Internship (Course Coordinator; managed and provided oversight for individual term-long projects between students and staff across the Faculty of Science)	2025–Present
PHYS 1116: Astrophysics (Course Convenor; developed material and assessment for inaugural iteration)	2022
PHYS 3116: Astrophysics (Lecturer; higher-year elective for majors)	2021
PHYS 1160: Introduction to Astronomy (Course Convenor; managed 10 teaching assistants, co-redeveloped all materials, taught two iterations)	2020–2022

### Harvard University

Astronomy 120: Stellar Physics (Graduate Teaching Assistant; designed and led discussion sections; created and graded assignments and exams)	Spring 2015
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### California Institute of Technology

Astronomy 1: The Evolving Universe (Graduate Teaching Assistant; designed and led discussion sections; created original lectures and graded assignments)	Spring 2013
Astronomy 126: Galactic Dynamics (Graduate Teaching Assistant)	Winter 2013
Astronomy 123: Stellar Structure and Evolution (Graduate Teaching Assistant)	Fall 2012

### University of Illinois at Urbana-Champaign

Physics 102: E&M and Modern Physics (Undergraduate Teaching Assistant; 2 semesters)	2010–2011
Physics 211: Mechanics (Laboratory Teaching Assistant)	Spring 2010
Introductory Course Tutor, Department of Physics	2009–2011

### Additional Teaching

Specialist in Residence, Emanuel School, Randwick, NSW (Prepared and delivered lectures in primary and high school physics; led campus observatory sky viewing; public lecture on finding exoplanets)	August–September 2025
Anacapa Visiting Scholar, The Thacher School, Ojai, CA (Prepared and delivered lectures in high school physics, multivariable calculus, and AP computer science; led campus observatory sky viewing; public lecture on Planet Nine)	January 2016

### Graduate and Undergraduate Supervision

PhD Students: 2 completed; 3 in progress
Honours Students: 2 completed
Undergraduate Research Students: 15 supervised on projects ranging from one term to multiple years

## ACADEMIC SERVICE

### National and International Roles

Member, Roman Galactic Bulge Survey Science Definition Team	2023–2025
UNSW Representative, WST Steering Committee	2022–2025
Co-Chair, WST Sustainability Committee	2022–2025
Australian (AAL) Representative, GMT Science Advisory Committee	2022–2023
Member, MAST Users Group	2019–2021
Member, K2 Users' Panel	2016–2018
Deputy Chair	2016–2017
Chair	2017–2018

### Scientific Organizing Committees

Member, Stars in Newcastle Conference, Newcastle	2025
Member, 9th Australian Exoplanet Workshop, Sydney	2023
Member, Astronomical Society of Australia Annual Science Meeting, Sydney	2023
Member, “ <i>TESS</i> Science Conference II” Meeting, Boston/Online	2021
Member, “online.tess.science” Virtual Meeting, Online	2020
Member, “Expanding the Science of <i>TESS</i> ” Meeting, Sydney	2020
Chair, “Building Early Science with <i>TESS</i> ” Meeting, Chicago	2019
Member, “Preparing for <i>TESS</i> ” Meeting, NYC	2018

### Other Service

Specialist in Residence, Emanuel School, Randwick NSW	2025
Referee for ApJ, AJ, MNRAS, PASP, A&A, Nature, and other astronomy journals	2014–Present
Proposal Review Member for	
NASA Keck Time Allocation Committee (3 semesters)	
NSF Astronomy and Astrophysics Research Grants Program	
K2 Guest Observer Program	
NASA Earth and Space Science Fellowship Program	

## HONORS AND AWARDS

New South Wales Young Tall Poppy Award	2025
UNSW School of Physics Education Impact & Innovation Award	2024
UNSW Scientia Fellowship	2019–Present
NASA Sagan Fellowship	2016–2019
First prize, SciPy John Hunter Excellence in Plotting Contest	2015
NSF Graduate Research Fellowship	2012
Chambliss Medal for outstanding poster presentation, 223rd AAS meeting	2013
Robert Hetrick Outstanding Senior Thesis Award, UIUC Physics	2011
UIUC List of Teachers Ranked as Excellent, Three Semesters	2010–2011
Twice listed as “Outstanding,” the highest ranking conferred	

## FIRST-AUTHOR AND STUDENT-LED REFEREED PUBLICATIONS

From all papers: 12 first author; 18 second author; NASA ADS h-index of 41. A full list of publications can be found at <https://ui.adsabs.harvard.edu/public-libraries/G-aftlpPTdmlhT4yduvHkg>.

24. *Inferring hemispheric asymmetries of stellar active regions through the information content of astrometric signals*  
**Deagan, C., Montet, B. T.**, 2026, MNRAS submitted (arXiv:2601.11707)
23. *Detection of 27 Candidate Circumbinary Planets Through Apsidal Precession of Eclipsing Binaries Observed by TESS*  
**Thornton, M., Montet, B. T.**, et al. 2025, MNRAS submitted (arXiv:2512.07934)
22. *Astrometric exoplanet detection survives solar-like stellar contamination*  
**Deagan, C., Montet, B. T.**, et al. 2026, MNRAS submitted
21. *A Planet Candidate Orbiting near the Hot Jupiter TOI-2818 b Inferred through Transit Timing*  
**McKee, B. J., Montet, B. T.**, et al. 2025, ApJ, 981, 106 (arXiv:2411.04192)
20. *Transit Depth Variations Reveal TOI-216 b to be a Super-puff*  
**McKee, B. J. & Montet, B. T.** 2023, AJ, 165, 236 (arXiv:2212.07450)
19. *Evidence for Centrifugal Breakout around the Young M Dwarf TIC 234284556*  
**Palumbo, E. K., Montet, B. T.**, et al. 2022, ApJ, 925, 75 (arXiv:2107.05649)
18. *H-alpha and Ca II Infrared Triplet Variations During a Transit of the 23 Myr Planet V1298 Tau c*  
**Feinstein, A. D., Montet, B. T.**, et al. 2021, AJ, 162, 213 (arXiv:2107.01213)
17. *A Search for Transits among the Delta Scuti Variables in Kepler*  
**Hey, D. R., Montet, B. T.**, et al. 2021, AJ, 162, 204 (arXiv:2108.03785)
16. *Flare Statistics for Young Stars from a Convolutional Neural Network Analysis of TESS Data*  
**Feinstein, A. D., Montet, B. T.**, et al. 2020, AJ, 160, 219 (arXiv:2005.07710)
15. *stella: Convolutional Neural Networks for Flare Identification in TESS*  
**Feinstein, A. D., Montet, B. T.**, & Ansdell, M. 2020, JOSS, 5, 52 (github:afeinstein20/stella)
14. *The Young Planet DS Tuc Ab has a Low Obliquity*  
**Montet, B. T., Feinstein, A. D.**, et al. 2020, AJ, 159, 112 (arXiv:1912.03794)
13. *eleanor: An open-source tool for extracting light curves from the TESS Full-Frame Images*  
**Feinstein, A. D., Montet, B. T.**, et al. 2019, PASP, 131, 094502 (arXiv:1903.09152)
12. *K2-146: Discovery of Planet c, Precise Masses from Transit Timing, and Observed Precession*  
**Hamann, A. C., Montet, B. T.**, et al. 2019, AJ, 158, 133 (arXiv:1907.10620)
11. *Observations of the Kepler Field with TESS: Predictions for Planet Yield and Observable Features*  
**Christ, C. N., Montet, B. T.**, & Fabrycky, D. C. 2019, AJ, 157, 235 (arXiv:1810.02826)
10. *Long Term Photometric Variability in Kepler Full Frame Images: Magnetic Cycles of Sun-Like Stars*  
**Montet, B. T., Tovar, G.**, & Foreman-Mackey, D. 2017, ApJ, 851, 116 (arXiv:1705.07928)
9. *Measuring the Galactic Distribution of Transiting Planets with WFIRST*  
**Montet, B. T.**, Yee, J. C., & Penny, M. T. 2017, PASP, 129, 044401 (arXiv:1610.03067)
8. *The Orbit and Mass of the Third Planet in the Kepler-56 System*  
**Otor, O. J., Montet, B. T.**, et al. 2016, AJ, 152, 165 (arXiv:1608.03627)
7. *KIC 8462852 Faded Throughout the Kepler Mission*  
**Montet, B. T. & Simon, J. D.** 2016, ApJL, 830, 39 (arXiv:1608.01316)
6. *Benchmark Transiting Brown Dwarf LHS 6343 C: Spitzer Secondary Eclipse Observations Yield Brightness Temperature and Mid-T Spectral Class*  
**Montet, B. T.**, Johnson, J. A., Fortney, J. J., & Desert, J.-M. 2016, ApJL, 822, 6 (arXiv:1603.09343)

5. *Dynamical Masses of Young M Dwarfs: Masses and Orbital Parameters of GJ 3305 AB, the Wide Binary Companion to the Imaged Exoplanet Host 51 Eri*  
**Montet, B. T.**, Bowler, B. P., Shkolnik, E. L., et al. 2015, ApJL, 813, 11 (arXiv:1508.05945)
4. *Stellar and Planetary Properties of K2 Campaign 1 Candidates and Validation of 18 Systems, Including a Planet Receiving Earth-like Insolation*  
**Montet, B. T.**, Morton, T. D., Foreman-Mackey, D., et al. 2015, ApJ, 809, 25 (arXiv:1503.07866)
3. *Characterizing the Cool KOIs. VII. Refined Physical Properties of the Transiting Brown Dwarf LHS 6343 C*  
**Montet, B. T.**, Johnson, J. A., Muirhead, P. S., et al. 2015, ApJ, 800, 134 (arXiv:1411.4047)
2. *The TRENDS High-contrast Imaging Survey. IV. The Occurrence Rate of Giant Planets around M Dwarfs*  
**Montet, B. T.**, Crepp, J. R., Johnson, J. A., et al. 2014, ApJ, 781, 28 (arXiv:1307.5849)
1. *Model-independent Stellar and Planetary Masses from Multi-transiting Exoplanetary Systems*  
**Montet, B. T.** & Johnson, J. A. 2013, ApJ, 762, 112 (arXiv:1211.4028)

## OTHER REFEREED PUBLICATIONS

92. *Testing red clump models with the asteroseismic binary KIC 10841730*  
Schimak, L. S., et al. 2026, MNRAS, 546, 151 (arXiv:2601.12773)
91. *Destruction of “peas in a pod?”: A candidate multi-planet system around the nearby bright star HD 208487*  
Rubenstein, R. I., et al. 2025, A&A, 702, 139 (arXiv:2508.12447)
90. *Ever Elusive Exospheres: One Probable Detection and Two Nondetections of  $H \alpha$  Transits in Young Systems*  
Milburn, R. P., et al. 2025, AJ, 170, 348 (arXiv:2510.18820)
89. *findAbar: How astronomers may perceive the bar in galaxies differently*  
Iles, E. J., et al. 2025, PASA, 42, 166 (arXiv:2511.09908)
88. *Looking for Companionship: Radial Velocity Follow-Up of Lithium-Rich Giants with ESPRESSO*  
Sayeed, M., Casey, A. R., **Montet, B. T.**, et al. 2025, AAS Journals submitted (arXiv:2510.17966)
87. *Photometric activity cycles in fast-rotating stars: revisiting the reality of stellar activity cycle branches*  
Chahal, D., et al. 2025, MNRAS, 540, 668 (arXiv:2505.02375)
86. *The GALAH survey: Data release 4*  
Buder, S., et al. 2025, PASA, 41, 51 (arXiv:2409.19858)
85. *HD 222237 b: a long-period super-Jupiter around a nearby star revealed by radial-velocity and Hipparcos-Gaia astrometry*  
Xiao, G.-Y., et al. 2024, MNRAS, 534, 2858 (arXiv:2409.08067)
84. *The highest mass Kepler red giants – II. Spectroscopic parameters, the amplitude-activity relation, and unexpected halo orbits*  
Crawford, C. L., et al. 2025, MNRAS, 542, 3289 (arXiv:2508.12585)
83. *The TESS Ten Thousand Catalog: 10,001 Uniformly Vetted and Validated Eclipsing Binary Stars Detected in Full-frame Image Data by Machine Learning and Analyzed by Citizen Scientists*  
Kostov, V. B., et al. 2025, ApJS, 279, 50 (arXiv:2506.05631)

82. *Benchmarking the spectroscopic masses of 249 evolved stars using asteroseismology*  
Malla, S. P., Stello, D. S., **Montet, B. T.**, et al. 2024, MNRAS, 534, 1775 (arXiv:2409.11736)
81. *Revisiting Physical Parameters of the Benchmark Brown Dwarf LHS 6343 C through a Hubble Space Telescope/WFC3 Secondary-eclipse Observation*  
Frost, W., et al. 2024, ApJ, 972, 199 (arXiv:2408.05173)
80. *The Metallicity and Carbon-to-oxygen Ratio of the Ultrahot Jupiter WASP-76b from Gemini-S/IGRINS*  
Weiner Mansfield, M., et al. 2024, AJ, 168, 14 (arXiv:2405.09769)
79. *Asteroseismology of the young open cluster NGC 2516. I. Photometric and spectroscopic constraints*  
Li, G., et al. 2024, A&A, 686, 142 (arXiv:2311.16991)
78. *The Gasing Pangkah Collaboration. I. Asteroseismic Identification and Characterization of a Rapidly Rotating Engulfment Candidate*  
Ong, J. M., et al. 2024, ApJ, 966, 42 (arXiv:2402.16971)
77. *The role of carbon in red giant spectro-seismology*  
Banks, K. A., et al. 2024, MNRAS, 529, 3912 (arXiv:2401.13235)
76. *Many Roads Lead to Lithium: Formation Pathways For Lithium-rich Red Giants*  
Sayeed, M., Ness, M. K., **Montet, B. T.**, et al. 2024, ApJ, 964, 42 (arXiv:2306.03323)
75. *Identifying 850  $\delta$  Scuti pulsators in a narrow Gaia colour range with TESS 10-min full-frame images*  
Read, A. K., et al. 2024, MNRAS, 528, 2464 (arXiv:2401.07413)
74. *Transiting Exoplanet Yields for the Roman Galactic Bulge Time Domain Survey Predicted from Pixel-level Simulations*  
Wilson, R. F., et al. 2023, ApJS, 269, 5 (arXiv:2305.16204)
73. *A close-in giant planet escapes engulfment by its star*  
Hon, M., et al. 2023, Nature, 618, 917 (arXiv:2306.15877)
72. *The effect of stellar contamination on low-resolution transmission spectroscopy: needs identified by NASA's Exoplanet Exploration Program Study Analysis Group 21*  
Rackham, B. V., et al. 2023, RASTI, 2, 148 (arXiv:2201.09905)
71. *Superflares on solar-like stars. A new method for identifying the true flare sources in photometric surveys*  
Vasilyev, V., et al. 2022, A&A, 668, 167 (arXiv:2209.13903)
70. *The unpopular Package: A Data-Driven Approach to Detrending TESS Full-Frame Image Light Curves*  
Hattori, S., et al. 2022, AJ, 163, 284 (arXiv:2106.15063)
69. *Discovery of post-mass-transfer helium-burning red giants using asteroseismology*  
Li, Y., et al. 2022, Nature Astronomy, 6, 673 (arXiv:2204.06203)
68. *A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds*  
Winters, J. G., et al. 2022, AJ, 163, 168 (arXiv:2107.14737)
67. *V1298 Tau with TESS: Updated Ephemerides, Radii, and Period Constraints from a Second Transit of V1298 Tau e*  
Feinstein, A. D., David, T. J., **Montet, B. T.**, et al. 2022, ApJL, 925, 2 (arXiv:2111.08660)
66. *TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data*  
Kostov, V. B., et al. 2021, AJ, 162, 234 (arXiv:2105.08614)



65. *C/2014 UN271 (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets*  
Bernardinelli, P. H., Bernstein, G. M., **Montet, B. T.**, et al. 2021, ApJL, 921, 37 (arXiv:2109.09852)
64. *The GALAH+ Survey: Third Data Release*  
Buder, S., et al. 2021, MNRAS, 506, 150 (arXiv:2101.02505)
63. *The GALAH survey: a census of lithium-rich giant stars*  
Martell, S. M., et al. 2021, MNRAS, 505, 5340 (arXiv:2006.02106)
62. *TIC 168789840: A Sextuply Eclipsing Sextuple Star System*  
Powell, B. P., et al. 2021, AJ, 161, 162 (arXiv:2101.03433)
61. *A nearby transiting rocky exoplanet that is suitable for atmospheric investigation*  
Trifonov, T., et al. 2021, Science, 371, 1038 (arXiv:2103.04950)
60. *TOI-1259Ab – a gas giant planet with 2.7% deep transits and a bound white dwarf companion*  
Martin, D. V., et al. 2021, MNRAS, 507, 4132 (arXiv:2101.02707)
59. *TOI 122b and TOI 237b: Two Small Warm Planets Orbiting Inactive M Dwarfs Found by TESS*  
Waalkes, W., et al. 2021, AJ, 161, 13 (arXiv:2010.15905)
58. *TOI-954 b and K2-329 b: Short-Period Saturn-Mass Planets that Test whether Irradiation Leads to Inflation*  
Sha, L., et al. 2021, AJ, 161, 82 (arXiv:2010.14436)
57. *Revisiting the HD 21749 Planetary System with Stellar Activity Modeling*  
Gan, T., et al. 2021, MNRAS, 501, 6042 (arXiv:2012.04873)
56. *TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert*  
Burt, J. A., et al. 2020, AJ, 160, 153 (arXiv:2008.11732)
55. *Asteroseismic masses of four evolved planet-hosting stars using SONG and TESS: resolving the retired A-star mass controversy*  
Malla, S. P., et al. 2020, MNRAS, 496, 5423 (arXiv:2006.07649)
54. *TOI-1338: TESS’ First Transiting Circumbinary Planet*  
Kostov, V. B., et al. 2020, AJ, 159, 253 (arXiv:2004.07783)
53. *The Sun is less active than other solar-like stars*  
Reinhold, T., et al. 2020, Science, 368, 518 (arXiv:2005.01401)
52. *The TRENDS High-contrast Imaging Survey. VIII. Compendium of Benchmark Objects*  
Gonzales, E., et al. 2020, ApJ, 893, 27 (arXiv:2010.11866)
51. *Wobble: a Data-driven Analysis Technique for Time-series Stellar Spectra*  
Bedell, M., et al. 2019, AJ, 158, 164 (arXiv:1808.03652)
50. *Characterization of Low Mass K2 Planet Hosts Using Near-Infrared Spectroscopy*  
Rodríguez Martínez, R., et al. 2018, AJ, 158, 135 (arXiv:1901.00503)
49. *A Super-Earth and two sub-Neptunes transiting the bright, nearby, and quiet M-dwarf TOI-270*  
Gunther, M. N., et al. 2019, Nature Astronomy, 3, 1099 (arXiv:1903.06107)
48. *The L 98-59 System: Three Transiting, Terrestrial-Sized Planets Orbiting a Nearby M-dwarf*  
Kostov, V. B., et al. 2019, AJ, 158, 32 (arXiv:1903.08107)
47. *Sounding stellar cycles with Kepler – III. Comparative analysis of chromospheric, photometric, and asteroseismic variability*  
Karooff, C., Metcalfe, T. S., **Montet, B. T.**, et al. 2019, MNRAS, 485, 5096 (arXiv:1902.02172)

46. *Transits of Inclined Exomoons – Hide and Seek and an Application to Kepler-1625*  
Martin, D. V., Fabrycky, D. C., **Montet, B. T.**, 2019, ApJL, 875, 25 (arXiv:1901.06366)
45. *A Significant Over-Luminosity in the Transiting Brown Dwarf CWW 89 Ab*  
Beatty, T. G., et al. 2018, AJ, 156, 168 (arXiv:1807.11500)
44. *Retired A Stars Revisited: An Updated Giant Planet Occurrence Rate as a Function of Stellar Metallicity and Mass*  
Ghezzi, L., **Montet, B. T.**, & Johnson, J. A. 2018, ApJ, 860, 109 (arXiv:1804.09082)
43. *The GALEX View of Boyajian’s Star*  
Davenport, J. R. A., et al. 2017, ApJ, 853, 130 (arXiv:1712.04948)
42. *The influence of metallicity on stellar differential rotation and magnetic activity*  
Karoff, C., et al. 2017, ApJ, 852, 46 (arXiv:1711.07716)
41. *Chromospheric Activity of HAT-P-11: An Unusually Active Planet-hosting K Star*  
Morris, B. M., et al. 2017, ApJ, 848, 58 (arXiv:1709.03913)
40. *Where Is the Flux Going? The Long-Term Photometric Variability of Boyajian’s Star*  
Simon, J. D., et al. 2017, ApJ, 853, 77 (arXiv:1708.07822)
39. *The Multiplicity of M-Dwarfs in Young Moving Groups*  
Shan, Y., et al. 2017, ApJ, 846, 93 (arXiv:1706.07095)
38. *Disentangling Time-series Spectra with Gaussian Processes: Applications to Radial Velocity Analysis*  
Czekala, I., et al. 2017, ApJ, 840, 49 (arXiv:1702.05652)
37. *The TRENDS High-Contrast Imaging Survey. VI. Discovery of a Mass, Age, and Metallicity Benchmark Brown Dwarf*  
Crepp, J. R., et al. 2016, ApJ, 831, 136 (arXiv:1604.00398)
36. *Magnetic Field Strengths in Photodissociation Regions*  
Balser, D. S., et al. 2016, ApJ, 816, 22 (arXiv:1511.07383)
35. *Tests of the planetary hypothesis for PTFO 8-8695b*  
Yu, L., et al. 2015, ApJ, 812, 48 (arXiv:1509.02176)
34. *The Five Planets in the Kepler-296 Binary System All Orbit the Primary: A Statistical and Analytical Analysis*  
Barclay, T., et al. 2015, ApJ, 809, 7 (arXiv:1505.01845)
33. *Characterizing the Cool KOIs VIII. Parameters of the Planets Orbiting Kepler’s Coolest Dwarfs*  
Swift, J. J., **Montet, B. T.**, et al. 2015, ApJS, 218, 26 (arXiv:1503.01115)
32. *A systematic search for transiting planets in the K2 data*  
Foreman-Mackey, D., **Montet, B. T.**, et al. 2015, ApJ, 806, 215 (arXiv:1502.04715)
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## NON-REFEREED PUBLICATIONS AND AAS RESEARCH NOTES

107. *Getting to know the neighbours: Earth analogues in Alpha Centauri with the TOLIMAN space telescope*  
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106. *WST - Widefield Spectroscopic Telescope: motivation, science drivers and top level requirements for a new dedicated facility*  
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105. *The Wide-field Spectroscopic Telescope (WST) Science White Paper*  
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104. *HRMOS White Paper: Science Motivation*  
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103. *X-Ray and Optical Observations of the Young M Dwarf Dipper Star TIC 234284556*  
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100. *On-sky commissioning of MAROON-X: a new precision radial velocity spectrograph for Gemini North*  
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99. *Systematics-insensitive Periodogram for Finding Periods in TESS Observations of Long-period Rotators*  
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98. *“Auxiliary” Science with the WFIRST Microlensing Survey*  
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97. *A Statistical Comparative Planetology Approach to Maximize the Scientific Return of Future Exoplanet Characterization Efforts*  
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96. *Unbiased inference of the masses of transiting planets from radial velocity followup*  
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