Last updated in February 2026

Jessie Christiansen

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Employment

2025—: Senior Research Scientist, NASA Exoplanet Science Institute
2024—: Chief Scientist, NASA Exoplanet Science Institute
2021—: Lead Scientist, NASA Exoplanet Archive
2021–2025: Associate Research Scientist, NASA Exoplanet Science Institute
2018–2021: Assistant Research Scientist, NASA Exoplanet Science Institute
2013–2018: Assistant Staff Scientist, NASA Exoplanet Science Institute
2010—2013: Staff Scientist, Kepler Science Office, NASA Ames Research Center
2008—2010: Postdoctoral Research Fellow, Harvard-Smithsonian Center for Astrophysics
2004—2007: Postgraduate Teaching Assistant, University of New South Wales

Education

2008: PhD (Astronomy), University of New South Wales, Sydney, Australia
2003: BSc Hons (Astronomy, First Class), Australian National University, Australia
2002: BSc (Advanced Studies), Griffith University, Brisbane, Australia

Selected Awards and Achievements

2025: Global Australian Award – Education & Research
2025: Simons Foundation Open Interval Awardee **($30k)**
2025: NASA Group Achievement Award to the Habitable Worlds Observatory Collaborative Team
2024: Research & Teaching Alumnus of the Year, University of New South Wales
2023: Global Australian Award – Emerging Leader
2023: NASA Honor Award to the ExoExplorers Team
2023: NASA Silver Achievement to the TESS Project Team
2022: 2022 TED Fellow
2019: NASA JPL Voyager Award
2018: NASA Exceptional Engineering Achievement Medal
2018: Outstanding Young Alumnus, Griffith University
2018: University of Southern Queensland Research Giant
2013–2017: Kepler Participating Scientist **($193k)**
2010: NASA Group Achievement Award to the Kepler Science Team
2009: NASA Group Achievement Award to the EPOXI Flight and Science Teams
2007: Best Student Talk, Astronomical Society of Australia
2006: Best Student Poster, Astronomical Society of Australia
2003: Honours Scholarship, Australian National University
2002: Science Medal (highest achieving science graduate), Griffith University
2002: Joe Segal Prize (highest achieving graduate from the BSc (Advanced Studies)), Griffith University
2000, 2001, 2002: Awards for Academic Excellence, Griffith University

Selected Refereed Publications

†Postdoc or *Student supervised by JLC; Total refereed papers: 200; Total citations: 19,521; ADS h-index: 69

†Hardegree-Ullman, K. K., Bergsten, G. J., **Christiansen, J. L.** et al. AJ, 170, 3, *Scaling K2 VIII: Short-Period Sub-Neptune Occurrence Rates Peak Around Early-Type M Dwarfs*
Christiansen, J. L., McElroy, D. L., Harbut, M. et al. 2025, PSJ, 6, 8, *The NASA Exoplanet Archive and Exoplanet Follow-up Observing Program: Data, Tools, and Usage*

*Boley, K. M., **Christiansen**, J. L., †Zink, J., et al. 2024, AJ, 168, 127, *The First Evidence of a Host Star Metallicity Cut-off In The Formation of Super-Earth Planets*

Christiansen, J. L., †Zink, J. K., †Hardegree-Ullman, K. K., et al. 2023, AJ, 166, 248, *Scaling K2. VII. Evidence for a high occurrence rate of hot sub-Neptunes at intermediate ages*

†Zink, J. K., †Hardegree-Ullman, K. K., **Christiansen, J. L.** et al. 2023, AJ, 165, 262, *Scaling K2. VI. Reduced Small-planet Occurrence in High-galactic-amplitude Stars*

Christiansen, J. L., *Bhure, S., *Zink, J. K. et al. 2022, AJ, 163, 244, *Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2–18*

Zink, J. K., †Hardegree-Ullman, K. K., **Christiansen, J. L. et al. 2021, AJ, 162, 259, *Scaling K2. IV. A Uniform Planet Sample for Campaigns 1-8 and 10-18*

Hardegree-Ullman, K. K., **Christiansen, J. L., Ciardi, D. R. et al. 2021, AJ, 161, 219, *K2-138 g: Spitzer Spots a Sixth Planet for the Citizen Science System*

Christiansen, J. L., Clarke, B. D., Burke, C. J. et al. 2020, AJ, 160, 4, *Measuring Transit Signal Recovery in the Kepler Pipeline IV: Completeness of the DR25 Planet Candidate catalog*

Zink, J. K., †Hardegree-Ullman, K. K., **Christiansen, J. L. et al. 2020, AJ, 160, 94, *Scaling K2. II. Assembly of a Fully Automated C5 Planet Candidate Catalog Using EDI-Vetter*

†Hardegree-Ullman, K. K., *Zink, J. K., **Christiansen, J. L.** et al. 2020, ApJS, 247, 28, *Scaling K2. I. Revised Parameters for 222,088 K2 Stars and a K2 Planet Radius Valley at 1.9 $R_\oplus$*

Zink, J. K., **Christiansen, J. L. & Hansen, B. M. S. 2019, MNRAS, 483, 4, *Accounting for incompleteness due to transit multiplicity in Kepler planet occurrence rates*

Christiansen, J. L., Crossfield, I. J. M., Barentsen, G., et al. 2018, AJ, 155, 57, *The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists*

Christiansen, J. L., Vanderburg, A., Burt, J., et al. 2017, AJ, 154, 122, *Three's Company: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets*

Christiansen, J. L., Clarke, B. D., Burke, C. J., et al. 2016, ApJ, 828, 99, *Measuring Transit Signal Recovery in the Kepler Pipeline. III. Completeness of the Q1-Q17 DR24 Planet Candidate Catalogue with Important Caveats for Occurrence Rate Calculations*

Christiansen, J. L., Clarke, B. D., Burke, C. J., et al. 2015, ApJ, 810, 95, *Measuring Transit Signal Recovery in the Kepler Pipeline II: Detection Efficiency as Calculated in One Year of Data*

Burke, C. J., **Christiansen, J. L.,** Mullally, F., et al. 2015, ApJ, 809, 8, *Terrestrial Planet Occurrence Rates for the Kepler GK Dwarf Sample*

Christianseen, J. L., Clarke, B. D., Burke, C. J. et al. 2013, ApJS, 207, 35, *Measuring Transit Signal Recovery in the Kepler Pipeline I: Individual Events*

Hopkins, P. F. & **Christiansen, J. L.** 2013, ApJ, 776, 48, *Turbulent Disks are Never Stable: Fragmentation and Turbulence-promoted Planet Formation*

Christiansen, J. L., Jenkins, J. M., Barclay, T. S. et al. 2012, PASP, 124, 1279, *The Derivation, Parameters and Value of Kepler's Combined Differential Photometric Precision*

Christiansen, J. L., Ballard, S., Charbonneau, D., et al. 2011, ApJ, 710, 97, *Studying the atmosphere of the exoplanet HAT-P-7b via secondary eclipse measurements with EPOXI, Spitzer and Kepler*

Ballard, S., **Christiansen, J. L.,** Charbonneau, D. et al. 2011, ApJ, 732, 41, *A Search for Additional Planets in Five of the Exoplanetary Systems Studied by the NASA EPOXI Mission*

Christiansen, J. L., Ballard, S., Charbonneau, D. et al. 2011, ApJ, 726, 94, *System Parameters, Transit Times, and Secondary Eclipse Constraints of the Exoplanet Systems HAT-P-4, TrES-2, TrES-3, and WASP-3 from the NASA EPOXI Mission of Opportunity*

Ballard, S., **Christiansen, J. L.,** Charbonneau, D. et al. 2010, ApJ, 716, 1047, *A Search for Additional Planets in the NASA EPOXI Observations of the Exoplanet System GJ 436*

Christiansen, J. L., Derekas, A., Kiss, L. L., et al. 2008, MNRAS, 385, 1749, *The University of New South Wales Extrasolar Planet Search: a catalogue of variable stars from fields observed between 2004 and 2007*

Christiansen, J. L., Derekas, A., Ashley, M. C. B., et al. 2007, MNRAS, 382, 239, *The first high-amplitude δ Scuti star in an eclipsing binary system*

Other Selected Publications

Christiansen, J. L., Huber, D et al. 2025, Roman Galactic Bulge Time Domain Survey Definition Committee Report
Christiansen, J. L. 2024, *Exoplanet Catalogs (Revised)* chapter in Handbook of Exoplanets textbook, eds. H. J. Deeg and J. A. Belmonte
Christiansen, J. L., Bennett, D. P., Boss, A. P. et al. 2022, ExoPAG SIG#2 Report
Christiansen, J. L. 2022, Nature Astronomy, *Comment: Five thousand exoplanets at the NASA Exoplanet Archive*
Gaudi, B. S., **Christiansen, J. L.** & Meyer, M. R. 2020, The Demographics of Exoplanets, chapter in ExoFrontiers: Big Questions in Exoplanetary Science textbook, ed. N. Madhusudhan
Christiansen, J. L. et al. 2019, Astro2020: Decadal Survey White Papers, BAAS, 51, 408, *Understanding Exoplanet Atmospheres with UV Observations I: NUV and Blue/Optical*
Lopez, E., Airapetian, V., **Christiansen, J. L.** et al. 2019, Astro2020: Decadal Survey White Papers, BAAS, 51, 522, *Understanding Exoplanet Atmospheres with UV Observations II: The Far UV and Atmospheric Escape*
Christiansen, J. L. et al. 2019, Astro2020: Decadal Survey White Papers, BAAS, 51, 312, *Mapping out the time evolution of exoplanet processes*
Christiansen, J. L. 2018, *Exoplanet Catalogs* chapter in Handbook of Exoplanets textbook, eds. H. J. Deeg and J. A. Belmonte

Selected Plenary, Colloquia, and Invited Talks (Last 5 Years)

2026
Invited speaker, American Astronomical Society Meeting 247, Phoenix AZ

2025
Seminar speaker, Purdue University, Lafayette IN
Seminar speaker, New York University, New York NY
Invited speaker, International Earth 2.0 Mission Science Conference, Shanghai, China
Keynote speaker, From Transits to Trends, Albuquerque NM
Plenary speaker, Towards the Habitable Worlds Observatory, Washington DC
Invited speaker, Sagan Summer Workshop, Pasadena CA
Keynote speaker, Planets on the Edge, KITP, Santa Barbara, CA
Colloquium speaker, Michigan State University, Ann Arbor MI
Invited speaker, Know Thy Star, Know Thy Planet 2, Pasadena CA
Chesley Bonestell Memorial Lecture, Monterey CA

2024
Seminar speaker, Rutgers University, Newark NJ
Colloquium speaker, University of New South Wales, Kensington NSW
Colloquium speaker, Yale University, New Haven CT
Seminar speaker, Carnegie Earth and Planets Lab, Washington DC
Seminar speaker, Institute for Advanced Studies, Princeton NJ
Invited speaker, 2024 ISSI-BJ Forum, China
Colloquium, Washington University of St Louis, MO
Seminar speaker, Penn State, PA
Colloquium, Flatiron Computational Center for Astrophysics, NY
Invited speaker, Conferencing Successfully Workshop, AAS243, New Orleans LA

2023
Colloquium, UC San Diego, CA
Seminar speaker, Kansas University, KS
Colloquium, CSU Long Beach, CA
Colloquium, Sydney Institute for Astrophysics, Sydney Australia
Invited speaker, New Horizons Science Team Meeting
Colloquium, University of Queensland, Brisbane Australia
Invited speaker, First UVEX Community Workshop, Pasadena CA
Colloquium, SRON Netherlands Institute for Space Research, Netherlands

Colloquium, NRC Herzberg, UBC, UVic, SFU, Canada
Plenary, AAS 241, Seattle WA

2022
Colloquium, UT Arlington, Dallas TX
Invited speaker, AAVSO Superstar Astronomers Webinar
Invited speaker, NASA Community College Aerospace Scholars, Cerritos CA
Keynote, IAU XXXI General Assembly, Busan Korea
Invited speaker, Sagan Summer Workshop, Pasadena CA
Plenary, SPIE Astronomical Telescopes and Instrumentation, Montreal CA
Invited speaker, Exoplanets IV, Las Vegas NV
Speaker, TED Conference, Vancouver CA

Successful Recent Proposals as PI

2023–2028: NASA Landolt Pioneers mission, Caltech/IPAC Institutional PI **($412k)**
2023B: Palomar 200-inch (Large Program; 7 nights), *Palomar Spectroscopic Survey of Young Stars*
2023A: Palomar 200-inch (3 nights), *Palomar Spectroscopic Survey of Young Stars*
2021B: Palomar 200-inch (2 nights), *Reconnaissance of new K2 planet candidates*
2021: TESS Cycle 4, *Characterizing the resonant exoplanet system K2-138*
2021A: Palomar 200-inch (3 nights), *Reconnaissance of new K2 planet candidates*
2019: TESS Director's Discretionary Time (3371 targets), *Challenging planet formation theories with the lowest metallicity TESS targets*
2019A: Palomar 200-inch (2.5 nights), *Characterizing the Benchmark Exoplanet System K2-138: A Pilot Study*
2018–2021: NASA Astrophysics Data Analysis Program **($640k)**, *Towards a Comprehensive Understanding of Planet Occurrence Rates: Extending the Kepler Legacy Across a Wide Stellar Parameter Space with K2*
2018: NASA Spitzer Director's Discretionary Time (12 hours), *Extending and Characterizing an Exoplanet System in a Pristine Chain of Resonances*
2018A: Palomar 200-inch (5 nights), *The Elephant in the Room: Correcting Kepler Occurrence Rates for Stellar Multiplicity*

Current Science Team Leadership and Membership

SHERA NASA Small Mission Explorer concept – PI
Scaling K2 collaboration – PI
NASA Roman Microlensing Project Infrastructure Team – Demographics working group lead
NASA UVEX mission – Exoplanets working group lead
CSA CASTOR mission concept – Exoplanet science team member
NASA TESS Follow-up Observing Program – Steering committee member
NASA Exoplanet System Science (NExSS) – Steering committee member

Recent Community Service and Leadership

Committee leadership and membership
AAS Publications Committee – Member (2025–**present**)
NASA Habitable Worlds Observatory Cross-PAG Science Interest Group – Co-Chair (2025–**present**)
NASA Roman Galactic Bulge Time Domain Survey Definition Committee – Co-Chair (2024–2025)
NASA New Great Observatories Cross-PAG Science Analysis Group – Co-Chair (2023–**present**)
NASA Habitable Worlds Observatory Demographics & Architectures Sub-Group – Co-Chair (2023–2025)
NASA Roman Science Interest Group (RSIG) – Member (2020–2025)
NASA Science, Technology, Architecture Review Team (START) – Founding Member (2023–2024)
AAS Division of Planetary Science Committee – Member (2020–2023)
Exoplanet Program Analysis Group Science Interest Group #2 – Founding Co-Chair (2018–2023)
Exoplanet Program Analysis Group (ExoPAG) – Executive Committee member (2018–2020)

Conference organizing
SOC co-chair, Sagan Summer Workshop, July 2026, CA, USA
SOC member, Intermediate-Orbit Planets Workshop, August 2025, NM, USA
SOC member, International Space Science Institute at Beijing Planet Forum, June 2024, Beijing
SOC member, Pathways to Characterizing Non-Transiting Planets, April 2024, MD, USA
SOC member, Science With The Habitable Worlds Observatory And Beyond, July 2023, MD, USA
SOC member, Exoplanet Yield Modeling Tools Workshop, June 2023, NM, USA
SOC member, PLATO Mission Conference 2021, October 2021, Granada, Spain
SOC chair, NExScI Exoplanet Demographics Conference, November 2020, CA, USA
SOC co-chair, TESS Science Conference I, July 2019, MA, USA
SOC member; Sagan Summer Workshop, July 2018, CA, USA

Reviewing
NASA review panel chair (2023, 2025), panel monitor (2021), panelist (2019, 2020, 2023, 2024)
Referee for Nature Astronomy, PNAS, MNRAS, ApJ, ApJL, AJ, A&A, and Astronomy & Computing

DEIA service
Caltech Physics, Mathematics, Astronomy Divsion DEIO – Committee member (2023–**present**)
NASA ExoExplorers – Founding Steering Committee member (2020–**present**)
Caltech Gender Minorities and Women in Physics, Maths and Astronomy – Faculty Advisor (2017–**present**)
Caltech Women Mentoring Women – Group Leader (2017–2019)

Science Communication Highlights (see 🔗 website for full list of activities)

Outreach and Public Education
2026: Centennial Banquet Guest Speaker, Los Angeles Astronomical Society, Montebello CA
2023–2025: Host of the Caltech podcast 'Explore Exoplanets: The Discoverers' (18 episodes, >80,000 views)
2025: Southwest Astronomy Festival Featured Speaker
2025: TED Conference 'Night of the Fellows' Speaker
2025: Chesley Bonestell Memorial Lecturer, Monterey CA
2024: Verbrugge Lecturer, Carleton College, MN
2022: TED talk: What the discovery of exoplanets reveals about the universe (>1.4M views)
2021: Alfred Curtis Lecture, British Astronomical Association
2020: Creator of Heavy Metal Jupiters and Other Places, a daily STEAM e-zine accompanying the Exoplanet Demographics science conference
2018–2019: Visited long-term care wards of children's hospital around Los Angeles with a portable planetarium
2017–present: Panelist at numerous conventions, including SXSW, San Diego Comic Con, and the Nebula Awards

Press Highlights
Interviewed on NPR's Science Friday, BBC's Infinite Monkey Cage, The Economist's Babbage podcast, ABC Radio National's Science Show, NASA's Curious Universe, and many more
Quoted in the New York Times, Washington Post, BBC News, Forbes, The Atlantic, Business Insider, Nature, Astronomy magazine, New Scientist, Quanta magazine, Wired, NASA, Popular Science, Scientific American, National Geographic, Gizmodo, CBS, Newsweek, FiveThirtyEight, and many more

Dr. Jessie Christiansen - Full Refereed Publication List (🔗 ORCID)

- Gomez Barrientos, J., Knutson, H. A., Saidel, M., et al. (2026) From Earths to Super-Earths: Five New Small Planets Transiting M Dwarf Stars, AJ, 171, 99
- Bergsten, G. J., Ciardi, D. R., Christiansen, J. L., et al. (2026) Modeling the Impact of Unresolved Stellar Companions on Detection Sensitivity in Kepler's Small-planet Occurrence Rates, AJ, 171, 110
- Fernandes, R. B., Johnson, S., Bergsten, G. J., et al. (2025) Are We There Yet? Challenges in Quantifying the Frequency of Earth Analogs in the Habitable Zone, PASP, 137, 121001
- Blunt, S., Nielsen, E. L., Newton, E. R., et al. (2025) Statistical method for constraining the capability of the Habitable Worlds Observatory to understand ozone onset time in Earth analogs, JATIS, 11, 042214
- Burt, J. A., Zellem, R. T., Ciardi, D. R., et al. (2025) A New Approach to Compiling Exoatmospheric Target Lists and Quantifying the Ground-based Resources Needed to Vet Them, AJ, 170, 216
- Cote, P., Woods, T. E., Hutchings, J. B., et al. (2025) The CASTOR mission, JATIS, 11, 042202
- Hardegree-Ullman, K. K., Bergsten, G. J., Christiansen, J. L., et al. (2025) Scaling K2. VIII. Short-period Sub-Neptune Occurrence Rates Peak Around Early-type M Dwarfs, AJ, 170, 183
- Vach, S., Zhou, G., Mann, A. W., et al. (2025) A 16 Myr Super-Neptune in Upper Centaurus Lupus and a Preliminary Survey of Transiting Planets in Sco-Cen with TESS, AJ, 170, 131
- Lockley, I. S., Armstrong, D. J., Fernandez Fernandez, J., et al. (2025) The TOI-1117 multiplanetary system: 3 sub-Neptunes, 1 in both the Neptunian Desert and Radius Valley, MNRAS, 541, 919
- Christiansen, J. L., McElroy, D. L., Harbut, M., et al. (2025) The NASA Exoplanet Archive and Exoplanet Follow-up Observing Program: Data, Tools, and Usage, PSJ, 6, 8, 186
- Lockley, I. S., Armstrong, D. J., Fernández Fernández, J., et al. (2025) The TOI-1117 multiplanetary system: 3 sub-Neptunes, 1 in both the Neptunian Desert and Radius Valley, MNRAS, 541, 2, 919
- Vach, S., Zhou, G., Mann, A. W., et al. (2025) A 16 Myr Super-Neptune in Upper Centaurus Lupus and a Preliminary Survey of Transiting Planets in Sco-Cen with TESS, AJ, 170, 2, 131
- Howard, A. W., Sinukoff, E., Blunt, S., et al. (2025) Planet Masses, Radii, and Orbits from NASA's K2 Mission, ApJS, 278, 2, 52
- Monaghan, C., Roy, P.-A., Benneke, B., et al. (2025) Low 4.5 μm Dayside Emission Disfavors a Dark Bare-rock Scenario for the Hot Super-Earth TOI-431 b, AJ, 169, 5
- Fernandes, R. B., Bergsten, G. J., Mulders, G. D., et al. (2025) Signatures of Atmospheric Mass Loss and Planet Migration in the Time Evolution of Short-period Transiting Exoplanets, AJ, 169, 4
- Matson, R. A., Gore, R., Howell, S. B. et al. (2025) Demographics of M Dwarf Binary Exoplanet Hosts Discovered by TESS, AJ, 169, 76
- Sayeed, M., Angus, R., Berger, T. et al. (2025) Exoplanet Occurrence Rate with Age for FGK Stars in Kepler, AJ, 169, 112
- Vines, J. I., Jenkins, J. S., Anderson, D. R. et al (2025) NGTS-31b and NGTS-32b: two inflated hot Jupiters orbiting subgiant stars, MNRAS, 536, 2011
- Nies M., Mirales I., Bouchy F. et al. (2024) HD 21520 b: a warm sub-Neptune transiting a bright G dwarf, MNRAS, 534, 3744
- Boley K. M., Christiansen J. L., Zink J. et al. (2024) The First Evidence of a Host Star Metallicity Cutoff in the Formation of Super-Earth Planets?, AJ, 168, 128
- Saunders N., Grunblatt S. K., Chontos A. et al. (2024) TESS Giants Transiting Giants. VI. Newly Discovered Hot Jupiters Provide Evidence for Efficient Obliquity Damping after the Main Sequence?, AJ, 168, 81

- Vivien H. G., Hoyer S., Deleuil M. et al. (2024) New ephemerides and detection of transit-timing variations in the K2-138 system using high-precision CHEOPS photometry?, A&A, 688, A192
- Timmerman M., Dransfield G., Gillon M. et al. (2024) TOI-4336 A b: A temperate sub-Neptune ripe for atmospheric characterization in a nearby triple M-dwarf system?, A&A, 687, A48
- Polanski A. S., Lubin J., Beard C. et al. (2004) The TESS-Keck Survey. XX. 15 New TESS Planets and a Uniform RV Analysis of All Survey Targets, ApJSS, 272, 32
- Battley M. P., Collins K. A., Ulmer-Moll S. et al. (2024) NGTS-30b/TOI-4862b: An 1 Gyr old 98-day transiting warm Jupiter, A&A, 686, A230
- Gore R., Giacalone S., Dressing C. D. et al. (2024) Metallicities and Refined Stellar Parameters for 52 Cool Dwarfs with Transiting Planets and Planet Candidates, ApJSS, 271, 48, IOP
- Parviainen H., Murgas F. Esparza-Borges E. et al. (2024) TOI-2266 b: A keystone super-Earth at the edge of the M dwarf radius valley, A&A, 683, A170
- Dransfield G., Timmermans M., Triaud A. H. M. J. et al. (2024) A 1.55 $R_{\oplus}$ habitable-zone planet hosted by TOI-715, an M4 star near the ecliptic South Pole, MNRAS, 527, 35
- Brande J., Crossfield, I. J. M., Kreidberg L. et al. (2004) Clouds and Clarity: Revisiting Atmospheric Feature Trends in Neptune-size Exoplanets, ApJ, 961, L23
- Sha L., Vanderburg A. M., Huang C. X., et al. (2023) TESS spots a mini-neptune interior to a hot saturn in the TOI-2000 system, MNRAS, 524, 1113
- de Leon J. P., Livingston J. H., Jenkins J. S., et al. (2023) A sub-Neptune transiting the young field star HD 18599 at 40 pc, MNRAS, 522, 750
- Clark J. T., Addison B. C., Okumura J., et al. (2023) Spinning up a Daze: TESS Uncovers a Hot Jupiter Orbiting the Rapid Rotator TOI-778, AJ, 165, 207
- Yee S. W., Winn J. N., Hartman J. D., et al. (2023) The TESS Grand Unified Hot Jupiter Survey. II. Twenty New Giant Planets, ApJs, 265, 1
- El Mufti M., Plavchan P. P., Isaacson H., et al. (2023) TOI 560: Two Transiting Planets Orbiting a K Dwarf Validated with iSHELL, PFS, and HIRES RVs, AJ, 165, 10
- Roy P.-A., Benneke B., Piaulet C., et al. (2022) Is the Hot, Dense Sub-Neptune TOI-824 b an Exposed Neptune Mantle? Spitzer Detection of the Hot Dayside and Reanalysis of the Interior Composition, ApJ, 941, 89
- Serrano L. M., Gandolfi D., Hoyer S., et al. (2022) The HD 93963 A transiting system: A 1.04 d super-Earth and a 3.65 d sub-Neptune discovered by TESS and CHEOPS, A&A, 667, A1
- Brande J., Crossfield I. J. M., Kreidberg L., et al. (2022) A Mirage or an Oasis? Water Vapor in the Atmosphere of the Warm Neptune TOI-674 b, AJ, 164, 197
- Kreidberg L., MolliÃšre P., Crossfield I. J. M., et al. (2022) Tentative Evidence for Water Vapor in the Atmosphere of the Neptune-sized Exoplanet HD 106315c, AJ, 164, 124
- Persson C. M., Georgieva I. Y., Gandolfi D., et al. (2022) TOI-2196 b: Rare planet in the hot Neptune desert transiting a G-type star, A&A, 666, A184
- Crossfield I. J. M., Malik M., Hill M. L., et al. (2022) GJ 1252b: A Hot Terrestrial Super-Earth with No Atmosphere, ApJl, 937, L17
- Psaridi A., Bouchy F., Lendl M., et al. (2022) Three new brown dwarfs and a massive hot Jupiter revealed by TESS around early-type stars, A&A, 664, A94
- Cacciapuoti L., Kostov V. B., Kuchner M., et al. (2022) The TESS Triple-9 Catalog: 999 uniformly vetted exoplanet candidates, MNRAS, 513, 102

- Christiansen J. L., Bhure S., Zink J. K., et al. (2022) Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2-18, AJ, 163, 244
- Boyle A., Christiansen J. L., Vissapragada S., Hardegree-Ullman K. K. (2022) An Updated Ephemeris for K2-138 d, Research Notes of the American Astronomical Society, 6, 71
- Gan T., Lin Z., Wang S. X., et al. (2022) TOI-530b: a giant planet transiting an M-dwarf detected by TESS, MNRAS, 511, 83
- Giacalone S., Dressing C. D., Hedges C., et al. (2022) Validation of 13 Hot and Potentially Terrestrial TESS Planets, AJ, 163, 99
- Schanche N., Pozuelos F. J., Guenther M. N., et al. (2022) TOI-2257 b: A highly eccentric long-period sub-Neptune transiting a nearby M dwarf, A&A, 657, A45
- Kipping D., Bryson S., Burke C., et al. (2022) An exomoon survey of 70 cool giant exoplanets and the new candidate Kepler-1708 b-i, Nature Astronomy, 6, 367
- Zink J. K., Hardegree-Ullman K. K., Christiansen J. L., et al. (2021) Scaling K2. IV. A Uniform Planet Sample for Campaigns 1-8 and 10-18, AJ, 162, 259
- Lam K. W. F., Csizmadia S., Astudillo-Defru N., et al. (2021) GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star, Science, 374, 1271
- Kostov V. B., Powell B. P., Orosz J. A., et al. (2021) TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data, AJ, 162, 234
- Cloutier R., Charbonneau D., Stassun K. G., et al. (2021) TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley, AJ, 162, 79
- Guerrero N. M., Seager S., Huang C. X., et al. (2021) The TESS Objects of Interest Catalog from the TESS Prime Mission, ApJs, 254, 39
- Hardegree-Ullman K. K., Christiansen J. L., Ciardi D. R., et al. (2021) K2-138 g: Spitzer Spots a Sixth Planet for the Citizen Science System, AJ, 161, 219
- Rodriguez J. E., Quinn S. N., Zhou G., et al. (2021) TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images, AJ, 161, 194
- Weiss L. M., Dai F., Huber D., et al. (2021) The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561, AJ, 161, 56
- Newton E. R., Mann A. W., Kraus A. L., et al. (2021) TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Pisces-Eridanus Stream, AJ, 161, 65
- Piaulet C., Benneke B., Rubenzahl R. A., et al. (2021) WASP-107b's Density Is Even Lower: A Case Study for the Physics of Planetary Gas Envelope Accretion and Orbital Migration, AJ, 161, 70
- Mikal-Evans T., Crossfield I. J. M., Benneke B., et al. (2021) Transmission Spectroscopy for the Warm Sub-Neptune HD 3167c: Evidence for Molecular Absorption and a Possible High-metallicity Atmosphere, AJ, 161, 18
- Bryson S., Kunimoto M., Kopparapu R. K., et al. (2021) The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data, AJ, 161, 36
- Waalkes W. C., Berta-Thompson Z. K., Collins K. A., et al. (2021) TOI 122b and TOI 237b: Two Small Warm Planets Orbiting Inactive M Dwarfs Found by TESS, AJ, 161, 13
- Kosiarek M. R., Berardo D. A., Crossfield I. J. M., et al. (2021) Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827, AJ, 161, 47
- Savel A. B., Dressing C. D., Hirsch L. A., et al. (2020) A Closer Look at Exoplanet Occurrence Rates: Considering the Multiplicity of Stars without Detected Planets, AJ, 160, 287

- Dreizler S., Crossfield I. J. M., Kossakowski D., et al. (2020) The CARMENES search for exoplanets around M dwarfs. LP 714-47 b (TOI 442.01): populating the Neptune desert, A&A, 644, A127
- Davis A. B., Wang S., Jones M., et al. (2020) TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS, AJ, 160, 229
- Dragomir D., Crossfield I. J. M., Benneke B., et al. (2020) Spitzer Reveals Evidence of Molecular Absorption in the Atmosphere of the Hot Neptune LTT 9779b, ApJl, 903, L6
- Kemmer J., Stock S., Kossakowski D., et al. (2020) Discovery of a hot, transiting, Earth-sized planet and a second temperate, non-transiting planet around the M4 dwarf GJ 3473 (TOI-488), A&A, 642, A236
- Christiansen J. L., Clarke B. D., Burke C. J., et al. (2020) Measuring Transit Signal Recovery in the Kepler Pipeline. IV. Completeness of the DR25 Planet Candidate Catalog, AJ, 160, 159
- Gilbert E. A., Barclay T., Schlieder J. E., et al. (2020) The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System, AJ, 160, 116
- Rodriguez J. E., Vanderburg A., Zieba S., et al. (2020) The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d, AJ, 160, 117
- Vanderburg A., Rappaport S. A., Xu S., et al. (2020) A giant planet candidate transiting a white dwarf, Nature, 585, 363
- Zink J. K., Hardegree-Ullman K. K., Christiansen J. L., et al. (2020) Scaling K2. III. Comparable Planet Occurrence in the FGK Samples of Campaign 5 and Kepler, AJ, 160, 94
- Shabram M. I., Batalha N., Thompson S. E., et al. (2020) Sensitivity Analyses of Exoplanet Occurrence Rates from Kepler and Gaia, AJ, 160, 16
- Eisner N. L., Barragan O., Aigrain S., et al. (2020) Planet Hunters TESS I: TOI 813, a subgiant hosting a transiting Saturn-sized planet on an 84-day orbit, MNRAS, 494, 750
- Zink J. K., Hardegree-Ullman K. K., Christiansen J. L., et al. (2020) Scaling K2. II. Assembly of a Fully Automated C5 Planet Candidate Catalog Using EDI-Vetter, AJ, 159, 154
- Hartman J. D., Jordan A., Bayliss D., et al. (2020) HATS-47b, HATS-48Ab, HATS-49b, and HATS-72b: Four Warm Giant Planets Transiting K Dwarfs, AJ, 159, 173
- Hardegree-Ullman K. K., Zink J. K., Christiansen J. L., et al. (2020) Scaling K2. I. Revised Parameters for 222,088 K2 Stars and a K2 Planet Radius Valley at 1.9 Re, ApJs, 247, 28
- Jenkins J. S., Diaz M. R., Kurtovic N. T., et al. (2020) An ultrahot Neptune in the Neptune desert, Nature Astronomy, 4, 1148
- Torres G., Vanderburg A., Curtis J. L., et al. (2019) Eclipsing Binaries in the Open Cluster Ruprecht 147. II. Epic 219568666, ApJ, 887, 109
- Rodriguez J. E., Eastman J. D., Zhou G., et al. (2019) KELT-24b: A 5M ¡SUB¿J¡/SUB¿ Planet on a 5.6 day Well-aligned Orbit around the Young V = 8.3 F-star HD 93148, AJ, 158, 197
- Quinn S. N., Becker J. C., Rodriguez J. E., et al. (2019) Near-resonance in a System of Sub-Neptunes from TESS, AJ, 158, 177
- Rodriguez Martinez R., Ballard S., Mayo A., et al. (2019) Characterization of Low-mass K2 Planet Hosts Using Near-infrared Spectroscopy, AJ, 158, 135
- Feinstein A. D., Montet B. T., Foreman-Mackey D., et al. (2019) eleanor: An Open-source Tool for Extracting Light Curves from the TESS Full-frame Images, PASP, 131, 094502
- Hardegree-Ullman K. K., Cushing M. C., Muirhead P. S., Christiansen J. L. (2019) Kepler Planet Occurrence Rates for Mid-type M Dwarfs as a Function of Spectral Type, AJ, 158, 75

- Dressing C. D., Hardegree-Ullman K., Schlieder J. E., et al. (2019) Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. IV. Updated Properties for 86 Cool Dwarfs Observed during Campaigns 1-17, AJ, 158, 87
- Kostov V. B., Schlieder J. E., Barclay T., et al. (2019) The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf, AJ, 158, 32
- Huber D., Chaplin W. J., Chontos A., et al. (2019) A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS, AJ, 157, 245
- Lopez E., Airapetian V., Christiansen J., et al. (2019) Understanding Exoplanet Atmospheres with UV Observations II: The Far UV and Atmospheric Escape, Bulletin of the AAS, 51, 522
- Jones M. I., Brahm R., Espinoza N., et al. (2019) HD 2685 b: a hot Jupiter orbiting an early F-type star detected by TESS, A&A, 625, A16
- Christiansen J., Beichman C., Ciardi D. R., Huber D. (2019) Mapping out the time-evolution of exoplanet processes, Bulletin of the AAS, 51, 312
- Berardo D., Crossfield I. J. M., Werner M., et al. (2019) Revisiting the HIP 41378 System with K2 and Spitzer, AJ, 157, 185
- Rodriguez J. E., Quinn S. N., Huang C. X., et al. (2019) An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images, AJ, 157, 191
- Christiansen J., Barclay T., Fossati L., et al. (2019) Understanding Exoplanet Atmospheres with UV Observations I: NUV and Blue/Optical, Bulletin of the AAS, 51, 408
- Livingston J. H., Crossfield I. J. M., Werner M. W., et al. (2019) Spitzer Transit Follow-up of Planet Candidates from the K2 Mission, AJ, 157, 102
- Zink J. K., Christiansen J. L., Hansen B. M. S. (2019) Accounting for incompleteness due to transit multiplicity in Kepler planet occurrence rates, MNRAS, 483, 4479
- Vanderspek R., Huang C. X., Vanderburg A., et al. (2019) TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844, ApJl, 871, L24
- Zink J. K., Hardegree-Ullman K. K., Christiansen J. L., et al. (2019) Catalog of New K2 Exoplanet Candidates from Citizen Scientists, Research Notes of the American Astronomical Society, 3, 43
- Wang S., Jones M., Shporer A., et al. (2019) HD 202772A b: A Transiting Hot Jupiter around a Bright, Mildly Evolved Star in a Visual Binary Discovered by TESS, AJ, 157, 51
- Feinstein A. D., Schlieder J. E., Livingston J. H., et al. (2019) K2-288Bb: A Small Temperate Planet in a Low-mass Binary System Discovered by Citizen Scientists, AJ, 157, 40
- Livingston J. H., Crossfield I. J. M., Petigura E. A., et al. (2018) Sixty Validated Planets from K2 Campaigns 5-8, AJ, 156, 277
- Huang C. X., Burt J., Vanderburg A., et al. (2018) TESS Discovery of a Transiting Super-Earth in the pi Mensae System, ApJl, 868, L39
- Peterson M. S., Benneke B., David T. J., et al. (2018) A 2 Re Planet Orbiting the Bright Nearby K Dwarf Wolf 503, AJ, 156, 188
- Kempton E. M.-R., Bean J. L., Louie D. R., et al. (2018) A Framework for Prioritizing the TESS Planetary Candidates Most Amenable to Atmospheric Characterization, PASP, 130, 114401
- Crossfield I. J. M., Guerrero N., David T., et al. (2018) A TESS Dress Rehearsal: Planetary Candidates and Variables from K2 Campaign 17, ApJs, 239, 5
- Dressing C. D., Sinukoff E., Fulton B. J., et al. (2018) Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. III. A High Mass and Low Envelope Fraction for the Warm Neptune K2-55b, AJ, 156, 70

- Yu L., Crossfield I. J. M., Schlieder J. E., et al. (2018) Planetary Candidates from K2 Campaign 16, AJ, 156, 22
- Chen G., Knutson H. A., Dressing C. D., et al. (2018) An Improved Transit Measurement for a 2.4 Re Planet Orbiting A Bright Mid-M Dwarf K2-28, AJ, 155, 223
- Beichman C. A., Giles H. A. C., Akeson R., et al. (2018) Validation and Initial Characterization of the Long-period Planet Kepler-1654 b, AJ, 155, 158
- Thompson S. E., Coughlin J. L., Hoffman K., et al. (2018) Planetary Candidates Observed by Kepler. VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25, ApJs, 235, 38
- Christiansen J. L., Crossfield I. J. M., Barentsen G., et al. (2018) The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists, AJ, 155, 57
- Petigura E. A., Crossfield I. J. M., Isaacson H., et al. (2018) Planet Candidates from K2 Campaigns 5-8 and Follow-up Optical Spectroscopy, AJ, 155, 21
- Ciardi D. R., Crossfield I. J. M., Feinstein A. D., et al. (2018) K2-136: A Binary System in the Hyades Cluster Hosting a Neptune-sized Planet, AJ, 155, 10
- Christiansen J. L., Vanderburg A., Burt J., et al. (2017) Three's Company: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets, AJ, 154, 122
- Sinukoff E., Howard A. W., Petigura E. A., et al. (2017) K2-66b and K2-106b: Two Extremely Hot Sub-Neptune-size Planets with High Densities, AJ, 153, 271
- Crossfield I. J. M., Ciardi D. R., Isaacson H., et al. (2017) Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315, AJ, 153, 255
- Sinukoff E., Howard A. W., Petigura E. A., et al. (2017) Mass Constraints of the WASP-47 Planetary System from Radial Velocities, AJ, 153, 70
- Benneke B., Werner M., Petigura E., et al. (2017) Spitzer Observations Confirm and Rescue the Habitable-zone Super-Earth K2-18b for Future Characterization, ApJ, 834, 187
- Obermeier C., Henning T., Schlieder J. E., et al. (2016) K2 Discovers a Busy Bee: An Unusual Transiting Neptune Found in the Beehive Cluster, AJ, 152, 223
- Twicken J. D., Jenkins J. M., Seader S. E., et al. (2016) Detection of Potential Transit Signals in 17 Quarters of Kepler Data: Results of the Final Kepler Mission Transiting Planet Search (DR25), AJ, 152, 158
- Rebull L. M., Stauffer J. R., Bouvier J., et al. (2016) Rotation in the Pleiades with K2. I. Data and First Results, AJ, 152, 113
- Christiansen J. L., Clarke B. D., Burke C. J., et al. (2016) Measuring Transit Signal Recovery in the Kepler Pipeline. III. Completeness of the Q1-Q17 DR24 Planet Candidate Catalogue with Important Caveats for Occurrence Rate Calculations, ApJ, 828, 99
- Crossfield I. J. M., Ciardi D. R., Petigura E. A., et al. (2016) 197 Candidates and 104 Validated Planets in K2's First Five Fields, ApJs, 226, 7
- Mullally F., Coughlin J. L., Thompson S. E., et al. (2016) Identifying False Alarms in the Kepler Planet Candidate Catalog, PASP, 128, 074502
- Coughlin J. L., Mullally F., Thompson S. E., et al. (2016) Planetary Candidates Observed by Kepler. VII. The First Fully Uniform Catalog Based on the Entire 48-month Data Set (Q1-Q17 DR24), ApJs, 224, 12
- Beichman C., Livingston J., Werner M., et al. (2016) Spitzer Observations of Exoplanets Discovered with the Kepler K2 Mission, ApJ, 822, 39
- Thompson S. E., Mullally F., Coughlin J., et al. (2015) A Machine Learning Technique to Identify Transit Shaped Signals, ApJ, 812, 46

- Christiansen J. L., Clarke B. D., Burke C. J., et al. (2015) Measuring Transit Signal Recovery in the Kepler Pipeline II: Detection Efficiency as Calculated in One Year of Data, ApJ, 810, 95
- Burke C. J., Christiansen J. L., Mullally F., et al. (2015) Terrestrial Planet Occurrence Rates for the Kepler GK Dwarf Sample, ApJ, 809, 8
- Crossfield I. J. M., Petigura E., Schlieder J. E., et al. (2015) A Nearby M Star with Three Transiting Super-Earths Discovered by K2, ApJ, 804, 10
- Mullally F., Coughlin J. L., Thompson S. E., et al. (2015) Planetary Candidates Observed by Kepler. VI. Planet Sample from Q1–Q16 (47 Months), ApJs, 217, 31
- Rowe J. F., Coughlin J. L., Antoci V., et al. (2015) Planetary Candidates Observed by Kepler. V. Planet Sample from Q1-Q12 (36 Months), ApJs, 217, 16
- Beichman C., Benneke B., Knutson H., et al. (2014) Observations of Transiting Exoplanets with the James Webb Space Telescope (JWST), PASP, 126, 1134
- Coughlin J. L., Thompson S. E., Bryson S. T., et al. (2014) Contamination in the Kepler Field. Identification of 685 KOIs as False Positives via Ephemeris Matching Based on Q1-Q12 Data, AJ, 147, 119
- Tenenbaum P., Jenkins J. M., Seader S., et al. (2014) Detection of Potential Transit Signals in 16 Quarters of Kepler Mission Data, ApJs, 211, 6
- Marcy G. W., Isaacson H., Howard A. W., et al. (2014) Masses, Radii, and Orbits of Small Kepler Planets: The Transition from Gaseous to Rocky Planets, ApJs, 210, 20
- Burke C. J., Bryson S. T., Mullally F., et al. (2014) Planetary Candidates Observed by Kepler IV: Planet Sample from Q1-Q8 (22 Months), ApJs, 210, 19
- Hopkins P. F., Christiansen J. L. (2013) Turbulent Disks are Never Stable: Fragmentation and Turbulence-promoted Planet Formation, ApJ, 776, 48
- Szabados L., Anderson R. I., Derekas A., et al. (2013) Discovery of the spectroscopic binary nature of three bright southern Cepheids, MNRAS, 434, 870
- Christiansen J. L., Clarke B. D., Burke C. J., et al. (2013) Measuring Transit Signal Recovery in the Kepler Pipeline. I. Individual Events, ApJs, 207, 35
- Tenenbaum P., Jenkins J. M., Seader S., et al. (2013) Detection of Potential Transit Signals in the First 12 Quarters of Kepler Mission Data, ApJs, 206, 5
- Barclay T., Burke C. J., Howell S. B., et al. (2013) A Super-Earth-sized Planet Orbiting in or Near the Habitable Zone around a Sun-like Star, ApJ, 768, 101
- Borucki W. J., Agol E., Fressin F., et al. (2013) Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone, Science, 340, 587
- Quintana E. V., Rowe J. F., Barclay T., et al. (2013) Confirmation of Hot Jupiter Kepler-41b via Phase Curve Analysis, ApJ, 767, 137
- Karoff C., Campante T. L., Ballot J., et al. (2013) Observations of Intensity Fluctuations Attributed to Granulation and Faculae on Sun-like Stars from the Kepler Mission, ApJ, 767, 34
- Huber D., Chaplin W. J., Christensen-Dalsgaard J., et al. (2013) Fundamental Properties of Kepler Planet-candidate Host Stars using Asteroseismology, ApJ, 767, 127
- Fressin F., Torres G., Charbonneau D., et al. (2013) The False Positive Rate of Kepler and the Occurrence of Planets, ApJ, 766, 81
- Szabados L., Derekas A., Kiss L. L., et al. (2013) Discovery of the spectroscopic binary nature of six southern Cepheids, MNRAS, 430, 2018
- Batalha N. M., Rowe J. F., Bryson S. T., et al. (2013) Planetary Candidates Observed by Kepler. III. Analysis of the First 16 Months of Data, ApJs, 204, 24

- Christiansen J. L., Jenkins J. M., Caldwell D. A., et al. (2012) The Derivation, Properties, and Value of Kepler's Combined Differential Photometric Precision, PASP, 124, 1279
- Barclay T., Huber D., Rowe J. F., et al. (2012) Photometrically Derived Masses and Radii of the Planet and Star in the TrES-2 System, ApJ, 761, 53
- Deheuvels S., Garcia R. A., Chaplin W. J., et al. (2012) Seismic Evidence for a Rapidly Rotating Core in a Lower-giant-branch Star Observed with Kepler, ApJ, 756, 19
- Balona L. A., Breger M., Catanzaro G., et al. (2012) Unusual high-frequency oscillations in the Kepler ÎŽ Scuti star KIC 4840675, MNRAS, 424, 1187
- Carter J. A., Agol E., Chaplin W. J., et al. (2012) Kepler-36: A Pair of Planets with Neighboring Orbits and Dissimilar Densities, Science, 337, 556
- Howard A. W., Marcy G. W., Bryson S. T., et al. (2012) Planet Occurrence within 0.25 AU of Solar-type Stars from Kepler, ApJs, 201, 15
- Thompson S. E., Everett M., Mullally F., et al. (2012) A Class of Eccentric Binaries with Dynamic Tidal Distortions Discovered with Kepler, ApJ, 753, 86
- Thygesen A. O., Frandsen S., Bruntt H., et al. (2012) Atmospheric parameters of 82 red giants in the Kepler field, A&A, 543, A160
- Pablo H., Kawaler S. D., Reed M. D., et al. (2012) Seismic evidence for non-synchronization in two close sdb+dM binaries from Kepler photometry, MNRAS, 422, 1343
- Fabrycky D. C., Ford E. B., Steffen J. H., et al. (2012) Transit Timing Observations from Kepler. IV. Confirmation of Four Multiple-planet Systems by Simple Physical Models, ApJ, 750, 114
- Gautier T. N., Charbonneau D., Rowe J. F., et al. (2012) Kepler-20: A Sun-like Star with Three Sub-Neptune Exoplanets and Two Earth-size Candidates, ApJ, 749, 15
- Tenenbaum P., Christiansen J. L., Jenkins J. M., et al. (2012) Detection of Potential Transit Signals in the First Three Quarters of Kepler Mission Data, ApJs, 199, 24
- Borucki W. J., Koch D. G., Batalha N., et al. (2012) Kepler-22b: A 2.4 Earth-radius Planet in the Habitable Zone of a Sun-like Star, ApJ, 745, 120
- Howell S. B., Rowe J. F., Bryson S. T., et al. (2012) Kepler-21b: A 1.6 R ¡SUB¿Earth¡/SUB¿ Planet Transiting the Bright Oscillating F Subgiant Star HD 179070, ApJ, 746, 123
- Welsh W. F., Orosz J. A., Carter J. A., et al. (2012) Transiting circumbinary planets Kepler-34 b and Kepler-35 b, Nature, 481, 475
- Ballard S., Fabrycky D., Fressin F., et al. (2011) The Kepler-19 System: A Transiting 2.2 Re Planet and a Second Planet Detected via Transit Timing Variations, ApJ, 743, 200
- Endl M., MacQueen P. J., Cochran W. D., et al. (2011) Kepler-15b: A Hot Jupiter Enriched in Heavy Elements and the First Kepler Mission Planet Confirmed with the Hobby-Eberly Telescope, ApJs, 197, 13
- Desert J.-M., Charbonneau D., Demory B.-O., et al. (2011) The Hot-Jupiter Kepler-17b: Discovery, Obliquity from Stroboscopic Starspots, and Atmospheric Characterization, ApJs, 197, 14
- Buchhave L. A., Latham D. W., Carter J. A., et al. (2011) Kepler-14b: A Massive Hot Jupiter Transiting an F Star in a Close Visual Binary, ApJs, 197, 3
- Fortney J. J., Demory B.-O., DÃ©sert J.-M., et al. (2011) Discovery and Atmospheric Characterization of Giant Planet Kepler-12b: An Inflated Radius Outlier, ApJs, 197, 9
- Silva Aguirre V., Chaplin W. J., Ballot J., et al. (2011) Constructing a One-solar-mass Evolutionary Sequence Using Asteroseismic Data from Kepler, ApJl, 740, L2
- Verner G. A., Elsworth Y., Chaplin W. J., et al. (2011) Global asteroseismic properties of solar-like oscillations observed by Kepler: a comparison of complementary analysis methods, MNRAS, 415, 3539

- Knutson H. A., Madhusudhan N., Cowan N. B., et al. (2011) A Spitzer Transmission Spectrum for the Exoplanet GJ 436b, Evidence for Stellar Variability, and Constraints on Dayside Flux Variations, ApJ, 735, 27
- Borucki W. J., Koch D. G., Basri G., et al. (2011) Characteristics of Planetary Candidates Observed by Kepler. II. Analysis of the First Four Months of Data, ApJ, 736, 19
- Balona L. A., Cunha M. S., Gruberbauer M., et al. (2011) Rotation and oblique pulsation in Kepler observations of the roAp star KIC 10483436, MNRAS, 413, 2651
- Chaplin W. J., Kjeldsen H., Bedding T. R., et al. (2011) Predicting the Detectability of Oscillations in Solar-type Stars Observed by Kepler, ApJ, 732, 54
- Ballard S., Christiansen J. L., Charbonneau D., et al. (2011) A Search for Additional Planets in Five of the Exoplanetary Systems Studied by the NASA EPOXI Mission, ApJ, 732, 41
- Latham D. W., Rowe J. F., Quinn S. N., et al. (2011) A First Comparison of Kepler Planet Candidates in Single and Multiple Systems, ApJl, 732, L24
- Batalha N. M., Borucki W. J., Bryson S. T., et al. (2011) Kepler's First Rocky Planet: Kepler-10b, ApJ, 729, 27
- Lissauer J. J., Fabrycky D. C., Ford E. B., et al. (2011) A closely packed system of low-mass, low-density planets transiting Kepler-11, Nature, 470, 53
- Borucki W. J., Koch D. G., Basri G., et al. (2011) Characteristics of Kepler Planetary Candidates Based on the First Data Set, ApJ, 728, 117
- Christiansen J. L., Ballard S., Charbonneau D., et al. (2011) System Parameters, Transit Times, and Secondary Eclipse Constraints of the Exoplanet Systems HAT-P-4, TrES-2, TrES-3, and WASP-3 from the NASA EPOXI Mission of Opportunity, ApJ, 726, 94
- Ballard S., Charbonneau D., Deming D., et al. (2010) A Search for a Sub-Earth-Sized Companion to GJ 436 and a Novel Method to Calibrate Warm Spitzer IRAC Observations, PASP, 122, 1341
- Barry R. K., Lindler D., Deming L. D., et al. (2010) Development and utilization of a point spread function for the Extrasolar Planet Observation and Characterization/Deep Impact Extended Investigation (EPOXI) Mission, Proceedings of the SPIE, 7731, 77313D
- Ballard S., Christiansen J. L., Charbonneau D., et al. (2010) A Search for Additional Planets in the NASA EPOXI Observations of the Exoplanet System GJ 436, ApJ, 716, 1047
- Christiansen J. L., Ballard S., Charbonneau D., et al. (2010) Studying the Atmosphere of the Exoplanet HAT-P-7b Via Secondary Eclipse Measurements with EPOXI, Spitzer, and Kepler, ApJ, 710, 97
- Christiansen J. L., Derekas A., Kiss L. L., et al. (2008) The University of New South Wales Extrasolar Planet Search: a catalogue of variable stars from fields observed between 2004 and 2007, MNRAS, 385, 1749
- Christiansen J. L., Derekas A., Ashley M. C. B., et al. (2007) The first high-amplitude ÎŽ Scuti star in an eclipsing binary system, MNRAS, 382, 239
- Young T. B., Hidas M. G., Webb J. K., et al. (2006) A new detached K7 dwarf eclipsing binary system, MNRAS, 370, 1529
- Hidas M. G., Ashley M. C. B., Webb J. K., et al. (2005) The University of New South Wales Extrasolar Planet Search: methods and first results from a field centred on NGC 6633, MNRAS, 360, 703
- Fox D. W., Price P. A., Soderberg A. M., et al. (2003) Discovery of Early Optical Emission from GRB 021211, ApJl, 586, L5