

PUBLICATIONS

12 first author papers (735 citations), 77 total papers (2545 citations), updated 2018-10-30 reverse chronological

FIRST AUTHOR

1. **Petigura, E. A.**, Benneke, B., Batygin, K., and 8 colleagues 2018, “Dynamics and Formation of the Near-resonant K2-24 System: Insights from Transit-timing Variations and Radial Velocities”, *The Astronomical Journal*, 156, 89. [\[ADS\]](#).
2. **Petigura, E. A.**, Marcy, G. W., Winn, J. N., and 7 colleagues 2018, “The California-Kepler Survey. IV. Metal-rich Stars Host a Greater Diversity of Planets”, *The Astronomical Journal*, 155, 89. [\[ADS\]](#).
3. **Petigura, E. A.**, Crossfield, I. J. M., Isaacson, H., and 10 colleagues 2018, “Planet Candidates from K2 Campaigns 5-8 and Follow-up Optical Spectroscopy”, *The Astronomical Journal*, 155, 21. [\[ADS\]](#).
4. **Petigura, E. A.**, Howard, A. W., Marcy, G. W., and 12 colleagues 2017, “The California-Kepler Survey. I. High-resolution Spectroscopy of 1305 Stars Hosting Kepler Transiting Planets”, *The Astronomical Journal*, 154, 107. [\[ADS\]](#).
5. **Petigura, E. A.**, Sinukoff, E., Lopez, E. D., and 12 colleagues 2017, “Four Sub-Saturns with Dissimilar Densities: Windows into Planetary Cores and Envelopes”, *The Astronomical Journal*, 153, 142. [\[ADS\]](#).
6. **Petigura, E. A.**, Howard, A. W., Lopez, E. D., and 11 colleagues 2016, “Two Transiting Low Density Sub-Saturns from K2”, *The Astrophysical Journal*, 818, 36. [\[ADS\]](#).
7. **Petigura, E. A.**, Schlieder, J. E., Crossfield, I. J. M., and 11 colleagues 2015, “Two Transiting Earth-size Planets Near Resonance Orbiting a Nearby Cool Star”, *The Astrophysical Journal*, 811, 102. [\[ADS\]](#).
8. **Petigura, E. A.** 2015, “Prevalence of Earth-size Planets Orbiting Sun-like Stars”, *Ph.D. Thesis*, [\[ADS\]](#).
9. **Petigura, E. A.**, Howard, A. W., and Marcy, G. W. 2013, “Prevalence of Earth-size planets orbiting Sun-like stars”, *Proceedings of the National Academy of Science*, 110, 19273. [\[ADS\]](#).
10. **Petigura, E. A.**, Marcy, G. W., and Howard, A. W. 2013, “A Plateau in the Planet Population below Twice the Size of Earth”, *The Astrophysical Journal*, 770, 69. [\[ADS\]](#).
11. **Petigura, E. A.** and Marcy, G. W. 2012, “Identification and Removal of Noise Modes in Kepler Photometry”, *Publications of the Astronomical Society of the Pacific*, 124, 1073. [\[ADS\]](#).
12. **Petigura, E. A.** and Marcy, G. W. 2011, “Carbon and Oxygen in Nearby Stars: Keys to Protoplanetary Disk Chemistry”, *The Astrophysical Journal*, 735, 41. [\[ADS\]](#).

ANY AUTHOR

1. Peterson, M. S., Benneke, B., David, T. J., and 21 colleagues 2018, “A $2 R_{\oplus}$ Planet Orbiting the Bright Nearby K Dwarf Wolf 503”, *The Astronomical Journal*, 156, 188. [\[ADS\]](#).
2. Van Eylen, V., Agentoft, C., Lundkvist, M. S., and 5 colleagues 2018, “An asteroseismic view of the radius valley: stripped cores, not born rocky”, *Monthly Notices of the Royal Astronomical Society*, 479, 4786. [\[ADS\]](#).
3. Livingston, J. H., Crossfield, I. J. M., **Petigura, E. A.**, and 13 colleagues 2018, “60 Validated Planets from K2 Campaigns 5-8”, *ArXiv e-prints*, arXiv:1810.04074. [\[ADS\]](#).

4. Mawet, D., Hirsch, L., Lee, E. J., and 27 colleagues 2018, “Deep exploration of ϵ Eridani with Keck M-band vortex coronagraphy and radial velocities: mass and orbital parameters of the giant exoplanet”, *ArXiv e-prints*, arXiv:1810.03794. [ADS].
5. Wang, S., Jones, M., Shporer, A., and 52 colleagues 2018, “HD 202772A B: A Transiting Hot Jupiter Around A Bright, Mildly Evolved Star In A Visual Binary Discovered By Tess”, *ArXiv e-prints*, arXiv:1810.02341. [ADS].
6. Brady, M. T., **Petigura, E. A.**, Knutson, H. A., and 6 colleagues 2018, “Kepler-1656b: A Dense Sub-Saturn with an Extreme Eccentricity”, *The Astronomical Journal*, 156, 147. [ADS].
7. Berardo, D., Crossfield, I. J. M., Werner, M., and 12 colleagues 2018, “Revisiting the HIP41378 system with K2 and Spitzer”, *ArXiv e-prints*, arXiv:1809.11116. [ADS].
8. Yu, L., Rodriguez, J. E., Eastman, J. D., and 25 colleagues 2018, “Two Warm, Low-density Sub-Jovian Planets Orbiting Bright Stars in K2 Campaigns 13 and 14”, *The Astronomical Journal*, 156, 127. [ADS].
9. **Petigura, E. A.**, Benneke, B., Batygin, K., and 8 colleagues 2018, “Dynamics and Formation of the Near-resonant K2-24 System: Insights from Transit-timing Variations and Radial Velocities”, *The Astronomical Journal*, 156, 89. [ADS].
10. Weiss, L. M., Isaacson, H. T., Marcy, G. W., and 7 colleagues 2018, “The California-Kepler Survey. VI: Kepler Multis and Singles Have Similar Planet and Stellar Properties Indicating a Common Origin”, *ArXiv e-prints*, arXiv:1808.03010. [ADS].
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13. Yu, L., Crossfield, I. J. M., Schlieder, J. E., and 20 colleagues 2018, “Planetary Candidates from K2 Campaign 16”, *The Astronomical Journal*, 156, 22. [ADS].
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15. Yee, S. W., **Petigura, E. A.**, Fulton, B. J., and 10 colleagues 2018, “HAT-P-11: Discovery of a Second Planet and a Clue to Understanding Exoplanet Obliquities”, *The Astronomical Journal*, 155, 255. [ADS].
16. Fulton, B. J. and **Petigura, E. A.** 2018, “The California Kepler Survey VII. Precise Planet Radii Leveraging Gaia DR2 Reveal the Stellar Mass Dependence of the Planet Radius Gap”, *ArXiv e-prints*, arXiv:1805.01453. [ADS].
17. David, T. J., Crossfield, I. J. M., Benneke, B., and 14 colleagues 2018, “Three Small Planets Transiting the Bright Young Field Star K2-233”, *The Astronomical Journal*, 155, 222. [ADS].
18. Fulton, B. J., **Petigura, E. A.**, Blunt, S., and 1 colleagues 2018, “RadVel: The Radial Velocity Modeling Toolkit”, *Publications of the Astronomical Society of the Pacific*, 130, 044504. [ADS].
19. Bowler, B. P., Dupuy, T. J., Endl, M., and 11 colleagues 2018, “Orbit and Dynamical Mass of the Late-T Dwarf GL 758 B”, *The Astronomical Journal*, 155, 159. [ADS].
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21. Smith, A. M. S., Cabrera, J., Csizmadia, S., and 34 colleagues 2018, “K2-137 b: an Earth-sized planet in a 4.3-h orbit around an M-dwarf”, *Monthly Notices of the Royal Astronomical Society*, 474, 5523. [ADS].

22. Mayo, A. W., Vanderburg, A., Latham, D. W., and 25 colleagues 2018, “275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns 0-10”, *The Astronomical Journal*, 155, 136. [\[ADS\]](#).
23. **Petigura, E. A.**, Marcy, G. W., Winn, J. N., and 7 colleagues 2018, “The California-Kepler Survey. IV. Metal-rich Stars Host a Greater Diversity of Planets”, *The Astronomical Journal*, 155, 89. [\[ADS\]](#).
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25. David, T. J., Mamajek, E. E., Vanderburg, A., and 19 colleagues 2018, “Discovery of a Transiting Adolescent Sub-Neptune Exoplanet in the Cas-Tau Association with K2”, *ArXiv e-prints*, arXiv:1801.07320. [\[ADS\]](#).
26. Weiss, L. M., Marcy, G. W., **Petigura, E. A.**, and 10 colleagues 2018, “The California-Kepler Survey. V. Peas in a Pod: Planets in a Kepler Multi-planet System Are Similar in Size and Regularly Spaced”, *The Astronomical Journal*, 155, 48. [\[ADS\]](#).
27. Saylor, D., Lepine, S., Crossfield, I., and 1 colleagues 2018, “Light-curve Modulation of Low-mass Stars in K2. I. Identification of 481 Fast Rotators in the Solar Neighborhood”, *The Astronomical Journal*, 155, 23. [\[ADS\]](#).
28. **Petigura, E. A.**, Crossfield, I. J. M., Isaacson, H., and 10 colleagues 2018, “Planet Candidates from K2 Campaigns 5-8 and Follow-up Optical Spectroscopy”, *The Astronomical Journal*, 155, 21. [\[ADS\]](#).
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31. Torres, G., Kane, S. R., Rowe, J. F., and 16 colleagues 2017, “Validation of Small Kepler Transiting Planet Candidates in or near the Habitable Zone”, *The Astronomical Journal*, 154, 264. [\[ADS\]](#).
32. Grunblatt, S. K., Huber, D., Gaidos, E., and 15 colleagues 2017, “Seeing Double with K2: Testing Re-inflation with Two Remarkably Similar Planets around Red Giant Branch Stars”, *The Astronomical Journal*, 154, 254. [\[ADS\]](#).
33. Dressing, C. D., Vanderburg, A., Schlieder, J. E., and 14 colleagues 2017, “Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1-7”, *The Astronomical Journal*, 154, 207. [\[ADS\]](#).
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40. Weiss, L. M., Deck, K. M., Sinukoff, E., and 10 colleagues 2017, “New Insights on Planet Formation in WASP-47 from a Simultaneous Analysis of Radial Velocities and Transit Timing Variations”, *The Astronomical Journal*, 153, 265. [ADS].
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43. **Petigura, E. A.**, Sinukoff, E., Lopez, E. D., and 12 colleagues 2017, “Four Sub-Saturns with Dissimilar Densities: Windows into Planetary Cores and Envelopes”, *The Astronomical Journal*, 153, 142. [ADS].
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