

Publications

First Author

1. **Petigura, E. A.**, Howard, A. W., Marcy, G. W., et al. 2017, “The California-Kepler Survey. I. High-resolution Spectroscopy of 1305 Stars Hosting Kepler Transiting Planets”, *The Astronomical Journal*, 154, 107. (10 citations) [\[ADS\]](#).
2. **Petigura, E. A.**, Sinukoff, E., Lopez, E. D., et al. 2017, “Four Sub-Saturns with Dissimilar Densities: Windows into Planetary Cores and Envelopes”, *The Astronomical Journal*, 153, 142. (2 citations) [\[ADS\]](#).
3. **Petigura, E. A.**, Howard, A. W., Lopez, E. D., et al. 2016, “Two Transiting Low Density Sub-Saturns from K2”, *The Astrophysical Journal*, 818, 36. (8 citations) [\[ADS\]](#).
4. **Petigura, E. A.**, Schlieder, J. E., Crossfield, I. J. M., et al. 2015, “Two Transiting Earth-size Planets Near Resonance Orbiting a Nearby Cool Star”, *The Astrophysical Journal*, 811, 102. (26 citations) [\[ADS\]](#).
5. **Petigura, E. A.** 2015, “Prevalence of Earth-size Planets Orbiting Sun-like Stars”, *Ph.D. Thesis*, (14 citations) [\[ADS\]](#).
6. **Petigura, E. A.**, Howard, A. W., & Marcy, G. W. 2013, “Prevalence of Earth-size planets orbiting Sun-like stars”, *Proceedings of the National Academy of Science*, 110, 19273. (228 citations) [\[ADS\]](#).
7. **Petigura, E. A.**, Marcy, G. W., & Howard, A. W. 2013, “A Plateau in the Planet Population below Twice the Size of Earth”, *The Astrophysical Journal*, 770, 69. (125 citations) [\[ADS\]](#).
8. **Petigura, E. A.**, & Marcy, G. W. 2012, “Identification and Removal of Noise Modes in Kepler Photometry”, *Publications of the Astronomical Society of the Pacific*, 124, 1073. (18 citations) [\[ADS\]](#).
9. **Petigura, E. A.**, & Marcy, G. W. 2011, “Carbon and Oxygen in Nearby Stars: Keys to Protoplanetary Disk Chemistry”, *The Astrophysical Journal*, 735, 41. (57 citations) [\[ADS\]](#).

Any Author

1. Christiansen, J. L., Vanderburg, A., Burt, J., and 55 colleagues 2017, “Three’s Company: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets”, *The Astronomical Journal*, 154, 122. (2 citations) [\[ADS\]](#).
2. Fulton, B. J., **Petigura, E. A.**, Howard, A. W., and 10 colleagues 2017, “The California-Kepler Survey. III. A Gap in the Radius Distribution of Small Planets”, *The Astronomical Journal*, 154, 109. (15 citations) [\[ADS\]](#).
3. Johnson, J. A., **Petigura, E. A.**, Fulton, B. J., and 11 colleagues 2017, “The California-Kepler Survey. II. Precise Physical Properties of 2025 Kepler Planets and Their Host Stars”, *The Astronomical Journal*, 154, 108. (7 citations) [\[ADS\]](#).
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. (10 citations) [\[ADS\]](#).
5. Winn, J. N., Sanchis-Ojeda, R., Rogers, L., and 7 colleagues 2017, “Absence of a Metallicity Effect for Ultra-short-period Planets”, *The Astronomical Journal*, 154, 60. (2 citations) [\[ADS\]](#).
6. Smith, A. M. S., Cabrera, J., Csizmadia, S., and 34 colleagues 2017, “EPIC 228813918 b: an Earth-sized planet in a 4.3-hour orbit around an M-dwarf”, *ArXiv e-prints*, arXiv:1707.04549. (0 citations) [\[ADS\]](#).
7. Weiss, L. M., Marcy, G. W., **Petigura, E. A.**, and 10 colleagues 2017, “The California-Kepler Survey V. Peas in a Pod: Planets in a Kepler Multi-planet System are Similar in Size and Regularly Spaced”, *ArXiv e-prints*, arXiv:1706.06204. (0 citations) [\[ADS\]](#).
8. Grunblatt, S. K., Huber, D., Gaidos, E., and 12 colleagues 2017, “Seeing double with K2: Testing re-inflation with two remarkably similar planets around red giant branch stars”, *ArXiv e-prints*, arXiv:1706.05865. (2 citations) [\[ADS\]](#).
9. Sinukoff, E., Howard, A. W., **Petigura, E. A.**, and 20 colleagues 2017, “K2-66b and K2-106b: Two Extremely Hot Sub-Neptune-size Planets with High Densities”, *The Astronomical Journal*, 153, 271. (1 citations) [\[ADS\]](#).
10. 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. (2 citations) [\[ADS\]](#).

11. Crossfield, I. J. M., Ciardi, D. R., Isaacson, H., and 21 colleagues 2017, “Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315”, *The Astronomical Journal*, 153, 255. (4 citations) [ADS].
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25. Crossfield, I. J. M., Ciardi, D. R., **Petigura, E. A.**, and 41 colleagues 2016, “197 Candidates and 104 Validated Planets in K2’s First Five Fields”, *The Astrophysical Journal Supplement Series*, 226, 7. (28 citations) [ADS].
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27. David, T. J., Hillenbrand, L. A., **Petigura, E. A.**, and 10 colleagues 2016, “A Neptune-sized transiting planet closely orbiting a 5-10-million-year-old star”, *Nature*, 534, 658. (21 citations) [ADS].
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36. **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. (26 citations) [\[ADS\]](#).
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42. Marcy, G. W., Weiss, L. M., **Petigura, E. A.**, and 3 colleagues 2014, “Occurrence and core-envelope structure of 1-4 \times Earth-size planets around Sun-like stars”, *Proceedings of the National Academy of Science*, 111, 12655. (44 citations) [\[ADS\]](#).
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45. van Dyk, S. D., **Petigura, E. A.**, Cenko, S. B., and 7 colleagues 2013, “The Probable Progenitor of PSN J01364816+1545310 in M74”, *The Astronomer’s Telegram*, 5229, (2 citations) [\[ADS\]](#).
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49. Lyapin, A., Schreiber, H. J., Viti, M., and 29 colleagues 2011, “Results from a prototype chicane-based energy spectrometer for a Linear Collider”, *Journal of Instrumentation*, 6, 2002. (3 citations) [\[ADS\]](#).