

Publications

First Author

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 [ADS].

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 [ADS].

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 [ADS].

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 [ADS].

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 [ADS].

Petigura, E. A., & Marcy, G. W. (2011) “Carbon and Oxygen in Nearby Stars: Keys to Protoplanetary Disk Chemistry,” *The Astrophysical Journal*, **735**, 41 [ADS].

Other

Fulton, B. J., Howard, A. W., Weiss, L. M., et al. (2016) “Three Temperate Neptunes Orbiting Nearby Stars,” *The Astrophysical Journal*, **830**, 46 [ADS].

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,” *The Astrophysical Journal Supplement Series*, **226**, 7 [ADS].

Sinukoff, E., Howard, A. W., Petigura, E. A., et al. (2016) “Eleven Multiplanet Systems from K2 Campaigns 1 and 2 and the Masses of Two Hot Super-Earths,” *The Astrophysical Journal*, **827**, 78 [ADS].

David, T. J., Hillenbrand, L. A., Petigura, E. A., et al. (2016) “A Neptune-sized transiting planet closely orbiting a 5-10-million-year-old star,” *Nature*, **534**, 658 [ADS].

Mills, S. M., Fabrycky, D. C., Migaszewski, C., et al. (2016) “A resonant chain of four transiting, sub-Neptune planets,” *Nature*, **533**, 509 [ADS].

Morton, T. D., Bryson, S. T., Coughlin, J. L., et al. (2016) “False Positive Probabilities for all Kepler Objects of Interest: 1284 Newly Validated Planets and 428 Likely False Positives,” *The Astrophysical Journal*, **822**, 86 [ADS].

Beichman, C., Livingston, J., Werner, M., et al. (2016) “Spitzer Observations of Exoplanets Discovered with the Kepler K2 Mission,” *The Astrophysical Journal*, **822**, 39 [ADS].

Kipping, D. M., Torres, G., Henze, C., et al. (2016) “A Transiting Jupiter Analog,” *The Astrophysical Journal*, **820**, 112 [ADS].

Schlieder, J. E., Crossfield, I. J. M., Petigura, E. A., et al. (2016) “Two Small Temperate Planets Transiting Nearby M Dwarfs in K2 Campaigns 0 and 1,” *The Astrophysical Journal*, **818**, 87 [ADS].

Sanchis-Ojeda, R., Winn, J. N., Dai, F., et al. (2015) “A Low Stellar Obliquity for WASP-47, a Compact Multiplanet System with a Hot Jupiter and an Ultra-short Period Planet,” *The Astrophysical Journal*, **812**, L11 [ADS].

Jenkins, J. M., Twicken, J. D., Batalha, N. M., et al. (2015) “Discovery and Validation of Kepler-452b: A 1.6 R_E Super Earth Exoplanet in the Habitable Zone of a G2 Star,” *The Astronomical Journal*, **150**, 56 [ADS].

Crossfield, I. J. M., Petigura, E., Schlieder, J. E., et al. (2015) “A Nearby M Star with Three Transiting Super-Earths Discovered by K2,” *The Astrophysical Journal*, **804**, 10 [ADS].

Torres, G., Kipping, D. M., Fressin, F., et al. (2015) “Validation of 12 Small Kepler Transiting Planets in the Habitable Zone,” *The Astrophysical Journal*, **800**, 99 [ADS].

Marcy, G. W., Weiss, L. M., Petigura, E. A., et al. (2014) “Occurrence and core-envelope structure of 1–4× Earth-size planets around Sun-like stars,” *Proceedings of the National Academy of Science*, **111**, 12655

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,” *The Astrophysical Journal Supplement Series*, **210**, 20 [ADS].

Lyapin, A., Schreiber, H. J., Viti, M., et al. (2011) “Results from a prototype chicane-based energy spectrometer for a Linear Collider,” *Journal of Instrumentation*, **6**, 2002 [ADS].

Aubert, B et al. [BaBar Collaboration] (2009), “Search for Dimuon Decays of a Light Scalar Boson in Radiative Transitions $\Upsilon \rightarrow \gamma A^0$,” *Phys. Rev. Lett.*, **103**, 081803