

## Ashley Chontos

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SUMMARY	<b>37 total publications:</b> 4 first author and 10 with significant contributions, <b>h-index = 13, total citations ~382</b> (updated 10/29/21) [ <a href="#">NASA ADS</a> ]	
FIRST AUTHOR PUBLICATIONS	<ol style="list-style-type: none"><li>1. <b>Chontos, A.</b>, Sayeed, M. and Huber, D., “pySYD: Automated Measurements of Global Asteroseismic Parameters,” <i>The Journal of Open Source Software, in review</i> [<a href="#">NASA ADS</a>]. Citations: 2</li><li>2. <b>Chontos, A.</b>, et al., “The TESS-Keck Survey: Science Goals and Target Selection,” <i>in review</i> [with favorable referee report, <a href="#">NASA ADS</a>]. Citation: 2</li><li>3. <b>Chontos, A.</b>, Huber, D., Kjeldsen, H., et al., “TESS Asteroseismology of <math>\alpha</math> Mensae: Benchmark Ages for a G7 Dwarf and its M-dwarf Companion,” <i>The Astrophysical Journal, in press</i> [<a href="#">NASA ADS</a>]. Citations: 4</li><li>4. <b>Chontos, A.</b>, Huber, D., Latham, D., et al., “The Curious Case of KOI 4: Confirming Kepler’s First Exoplanet Detection,” <i>The Astronomical Journal</i>, Volume 157, Issue 5, id.192 (2019) [<a href="#">NASA ADS</a>]. Citations: 15</li></ol>	
SIGNIFICANT CO-AUTHOR PUBLICATIONS	<ol style="list-style-type: none"><li>1. Huber, D., White, T., Metcalfe, T., <b>Chontos, A.</b>, et al., “A 20-Second Cadence View of Solar-Type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Re-characterization of <math>\pi</math> Men c,” <i>in press</i> [<a href="#">NASA ADS</a>].</li><li>2. Rosenthal, L. J., et al. [including <b>Chontos, A.</b>], “The California Legacy Survey. I. A Catalog of 178 Planets from Precision Radial Velocity Monitoring of 719 Nearby Stars over Three Decades,” <i>The Astrophysical Journal Supplement Series</i>, Volume 225, Issue 1, id.8 (2021) [<a href="#">NASA ADS</a>]. Citations: 15</li><li>3. Guerrero et al. [including <b>Chontos, A.</b>], “The TESS Objects of Interest Catalog from the TESS Prime Mission,” <i>The Astrophysical Journal Supplement Series</i>, Volume 254, Issue 2, id.39 (2021) [<a href="#">NASA ADS</a>]. Citations: 25</li><li>4. Addison, B. C., et al. [including <b>Chontos, A.</b>], “TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star,” <i>Monthly Notices of the Royal Astronomical Society</i>, Volume 502, Issue 3, pp.3704-3722 (2021) [<a href="#">NASA ADS</a>]. Citations: 17</li><li>5. Rubenzahl, R., Dai, F., Howard, A. W., <b>Chontos, A.</b>, et al., “The TESS-Keck Survey. IV. A Retrograde, Polar Orbit for the Ultra-low-density, Hot Super-Neptune WASP-107b,” <i>The Astronomical Journal</i>, Volume 161, Issue 3, id.119 (2021) [<a href="#">NASA ADS</a>]. Citations: 13</li><li>6. Lund, M., Knudstrup, E., Silva Aguirre, V., Basu, S., <b>Chontos, A.</b>, et al., “Asteroseismology of Multiplanet System K2-93,” <i>The Astronomical Journal</i>, Volume 158, Issue 6, id.248 (2019) [<a href="#">NASA ADS</a>]. Citations: 6</li><li>7. Crossfield, I. J. M., et al. [including <b>Chontos, A.</b>], “A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18,” <i>The Astrophysical Journal Letters</i>, Volume 883, Issue 1, id.L16 (2019) [<a href="#">NASA ADS</a>]. Citations: 24</li></ol>	

8. Huber, D., Chaplin, W., **Chontos, A.**, et al., “A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS,” *The Astronomical Journal*, Volume 157, Issue 6, id.245 (2019) [NASA ADS]. Citations: 55
9. Grunblatt, S., et al. [including **Chontos, A.**], “Do Close-in Giant Planets Orbiting Evolved Stars Prefer Eccentric Orbits?” *The Astrophysical Journal Letters*, Volume 861, Issue 1, id.L5 (2018) [NASA ADS]. Citations: 16
10. De Rosa, R. J., et al. [including **Chontos, A.**], “Astrometric Confirmation and Preliminary Orbital Parameters of the Young Exoplanet 51 Eridani b with the Gemini Planet Imager,” *The Astrophysical Journal Letters*, Volume 814, Issue 1, id.L3 (2015) [NASA ADS]. Citations: 44

OTHER  
CO-AUTHOR  
PUBLICATIONS

1. Heidari, N., et al. [including **Chontos, A.**], “HD207897 b: A Dense Sub-Neptune Transiting a Nearby and Bright K-type Star,” *in review* [NASA ADS].
2. Saunders, N., et al. [including **Chontos, A.**], “TESS Giants Transiting Giants I: A Non-inflated Hot Jupiter Orbiting a Massive Subgiant,” *in review* [NASA ADS].
3. Winters, J. G., et al. [including **Chontos, A.**], “A Second Planet Transiting LTT-1445A and a Determination of the Masses of Both Worlds,” *in review* [NASA ADS]. Citations: 3
4. Polanski, A. S., et al. [including **Chontos, A.**], “Wolf 503 b: Characterization of a Sub-Neptune Orbiting a Metal-Poor K Dwarf,” *in review* [NASA ADS].
5. MacDougall, M., et al. [including **Chontos, A.**], “The TESS-Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166,” *The Astronomical Journal*, *in press* [NASA ADS].
6. Scarsdale, N., et al. [including **Chontos, A.**], “The TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935,” *The Astronomical Journal*, *in press* [NASA ADS].
7. Mathur, S., et al. [including **Chontos, A.**], “Detections of solar-like oscillations in dwarfs and subgiants with Kepler DR25 short-cadence data,” *Astronomy & Astrophysics*, *in press* [NASA ADS].
8. Lubin, J., et al. [including **Chontos, A.**], “TESS-Keck Survey IX: Masses of Three Sub-Neptunes Orbiting HD 191939 and the Discovery of a Warm Jovian Plus a Distant Sub-Stellar Companion,” *The Astronomical Journal*, *in press* [NASA ADS].
9. Llop-Sayson, J., et al. [including **Chontos, A.**], “Constraining the Orbit and Mass of  $\epsilon$  Eridani b with Radial Velocities, Hipparcos IAD-Gaia DR2 Astrometry, and Multi-epoch Vortex Coronagraphy Upper Limits,” *The Astronomical Journal*, Volume 162, Issue 5, id.181 (2021) [NASA ADS]. Citation: 1
10. Zhang, J., Weiss, L. M., Huber, D., Blunt, S., **Chontos, A.**, et al., “Long-period Jovian Tilts the Orbits of Two sub-Neptunes Relative to Stellar Spin Axis in Kepler-129,” *The Astronomical Journal*, Volume 162, Issue 3, id.89 (2021) [NASA ADS]. Citations: 3
11. Fulton, B. J., et al. [including **Chontos, A.**], “The California Legacy Survey. II. Occurrence of Giant Planets beyond the Ice Line,” *The Astrophysical Journal Supplement Series*, Volume 255, Issue 1, id.14 (2021) [NASA ADS]. Citations: 11

12. Dai, F., et al. [including **Chontos, A.**], “TKS X: Confirmation of TOI-1444b and a Comparative Analysis of the Ultra-short-period Planets with Hot Neptunes,” *The Astronomical Journal*, Volume 162, Issue 2, id.62 (2021) [[NASA ADS](#)]. Citations: 5
13. Weiss, L. M., et al. [including **Chontos, A.**], “The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and its Siblings Transiting the Galactic Thick-disk Star TOI-561,” *The Astronomical Journal*, Volume 161, Issue 2, id.56 (2021) [[NASA ADS](#)]. Citations: 9
14. Kosiarek, M. R., et al. [including **Chontos, A.**], “Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827,” *The Astronomical Journal*, Volume 161, Issue 1, id.47 (2021) [[NASA ADS](#)]. Citation: 2
15. Dreizler, S., et al. [including **Chontos, A.**], “The CARMENES search for exoplanets around M dwarfs. LP 714-47 b (TOI 442.01): populating the Neptune desert,” *Astronomy & Astrophysics*, Volume 644, id.A127 (2020) [[NASA ADS](#)]. Citations: 6
16. Dai, F., et al. [including **Chontos, A.**], “The TESS-Keck Survey. III. A Stellar Obliquity Measurement of TOI-1726 c,” *The Astronomical Journal*, Volume 160, Issue 4, id.193 (2020) [[NASA ADS](#)]. Citations: 9
17. Demory, B. O., et al. [including **Chontos, A.**], “A Super-Earth and a Sub-Neptune Orbiting the Bright, Quiet M3 Dwarf TOI-1266,” *Astronomy & Astrophysics*, Volume 642, id.A49 (2020) [[NASA ADS](#)]. Citations: 19
18. Carleo, I., et al. [including **Chontos, A.**], “The Multiplanet System TOI-421,” *The Astronomical Journal*, Volume 160, Issue 3, id.114 (2020) [[NASA ADS](#)]. Citations: 10
19. Cloutier, R., et al. [including **Chontos, A.**], “TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs,” *The Astronomical Journal*, Volume 160, Issue 1, id.22 (2020) [[NASA ADS](#)]. Citations: 15
20. Dalba, P., et al. [including **Chontos, A.**], “The TESS-Keck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras,” *The Astronomical Journal*, Volume 159, Issue 5, id.241 (2020) [[NASA ADS](#)]. Citations: 15
21. Guo, X., et al. [including **Chontos, A.**], “Updated Parameters and a New Transmission Spectrum of HD 97658b,” *The Astronomical Journal*, Volume 159, Issue 5, id.239 (2020) [[NASA ADS](#)]. Citations: 24
22. Pope, B. J. S., et al. [including **Chontos, A.**], “The Kepler Smear Campaign: Light Curves for 102 Very Bright Stars,” *The Astrophysical Journal Supplement Series*, Volume 244, Issue 1, id.18 (2019) [[NASA ADS](#)]. Citations: 4
23. Becker, J. C., et al. [including **Chontos, A.**], “A Discrete Set of Possible Transit Ephemerides for Two Long-period Gas Giants Orbiting HIP 41378,” *The Astronomical Journal*, Volume 157, Issue 1, id.19 (2019) [[NASA ADS](#)]. Citations: 10