

ASHLEY CHONTOS

CONTACT	Department of Astrophysical Sciences Peyton Hall · 4 Ivy Lane Princeton University · Princeton · NJ 08544	ashleychontos@princeton.edu 347-443-2505 ashleyin.space
SUMMARY	45 total publications: 4 first author and 13 with significant contributions, h-index = 16, total citations ~700 (updated August 22, 2022).	
FIRST AUTHOR PUBLICATIONS	<ol style="list-style-type: none">1. Chontos, A., Sayeed, M. and Huber, D., “pySYD: Automated Measurements of Global Asteroseismic Parameters,” <i>JOSS</i>, <i>in review</i>. [NASA ADS]2. Chontos, A., Murphy, J., MacDougall, M., et al., “The TESS-Keck Survey: Science Goals and Target Selection,” <i>AJ</i>, 163, 297 (06/2022). [NASA ADS]3. Chontos, A., Huber, D., Kjeldsen, H., et al., “TESS Asteroseismology of α Mensae: Benchmark Ages for a G7 Dwarf and its M-dwarf Companion,” <i>ApJ</i>, 922, 229 (12/2021). [NASA ADS]4. Chontos, A., Huber, D., Latham, D., et al., “The Curious Case of KOI 4: Confirming Kepler’s First Exoplanet Detection,” <i>AJ</i>, 157, 192 (05/2019). [NASA ADS]	
SIGNIFICANT CO-AUTHOR PUBLICATIONS	<ol style="list-style-type: none">1. Rosenthal, L. J., et al. [including Chontos, A.], “The California Legacy Survey. III. On the Shoulders of (Some) Giants: The Relationship between Inner Small Planets and Outer Massive Planets,” <i>ApJSS</i>, 262, 1 (09/2022). [NASA ADS]2. Boesgaard, A., Lum, M., Chontos, A., Deliyani, C., “Lithium and Beryllium in NGC 752 – An Open Cluster Twice the Age of the Hyades,” <i>ApJ</i>, 927, 118 (03/2022). [NASA ADS]3. Grunblatt, S., Saunders, N., Sun, M., Chontos, A., et al., “TESS Giants Transiting Giants II: The hottest Jupiters orbiting evolved stars,” <i>AJ</i>, 163, 120 (03/2022). [NASA ADS]4. Huber, D., White, T., Metcalfe, T., Chontos, A., 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 π Men c,” <i>AJ</i>, 163, 79 (02/2022). [NASA ADS]5. Rosenthal, L. J., et al. [including Chontos, A.], “The California Legacy Survey. I. A Catalog of 178 Planets from Precision Radial Velocity Monitoring of 719 Nearby Stars over Three Decades,” <i>ApJSS</i>, 225, 8 (07/2021). [NASA ADS]6. Guerrero et al. [including Chontos, A.], “The TESS Objects of Interest Catalog from the TESS Prime Mission,” <i>ApJSS</i>, 254, 39 (06/2021). [NASA ADS]7. Addison, B. C., et al. [including Chontos, A.], “TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star,” <i>MNRAS</i>, 502, 3704-3722 (04/2021). [NASA ADS]8. Rubenzahl, R., Dai, F., Howard, A. W., Chontos, A., et al., “The TESS-Keck Survey. IV. A Retrograde, Polar Orbit for the Ultra-low-density, Hot Super-Neptune WASP-107b,” <i>AJ</i>, 161, 119 (03/2021). [NASA ADS]	

9. Lund, M., Knudstrup, E., Silva Aguierre, V., Basu, S., **Chontos, A.**, et al., “Asteroseismology of Multiplanet System K2-93,” *AJ*, **158**, 248 (12/2019). [NASA ADS]
 10. Crossfield, I. J. M., et al. [including **Chontos, A.**], “A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18,” *ApJL*, **883**, L16 (09/2019). [NASA ADS]
 11. Huber, D., Chaplin, W., **Chontos, A.**, et al., “A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS,” *AJ*, **157**, 245 (06/2019). [NASA ADS]
 12. Grunblatt, S., et al. [including **Chontos, A.**], “Do Close-in Giant Planets Orbiting Evolved Stars Prefer Eccentric Orbits?” *ApJL*, **861**, L5 (07/2018). [NASA ADS]
 13. 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,” *ApJL*, **814**, L3 (11/2015). [NASA ADS]
- OTHER
CO-AUTHOR
PUBLICATIONS
1. Mohammed, E., et al. [including **Chontos, A.**], “TOI 560: Two Transiting Planets Orbiting a K Dwarf Validated with iSHELL, PFS and HIRES RVs,” *in review*. [NASA ADS]
 2. MacDougall, M., et al. [including **Chontos, A.**], “The TESS-Keck Survey. XIII. An Eccentric Hot Neptune with a Similar-Mass Outer Companion around TOI-1272,” *AJ*, **164**, 97 (09/2022). [NASA ADS].
 3. Turtelboom, E., et al. [including **Chontos, A.**], “The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI-1246,” *AJ*, **163**, 293 (06/2022). [NASA ADS]
 4. Winters, J. G., et al. [including **Chontos, A.**], “A Second Planet Transiting LTT-1445A and a Determination of the Masses of Both Worlds,” *AJ*, **163**, 168 (04/2022). [NASA ADS]
 5. 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,” *AJ*, **163**, 101 (02/2022). [NASA ADS]
 6. Giacalone, S., et al. [including **Chontos, A.**], “Validation of 13 Hot and Potentially Terrestrial TESS Planets,” *AJ*, **163**, 99 (02/2022). [NASA ADS]
 7. Dalba, P., et al. [including **Chontos, A.**], “The TESS-Keck Survey. VIII. Confirmation of a Transiting Giant Planet on an Eccentric 261 day Orbit with the Automated Planet Finder Telescope,” *AJ*, **163**, 61 (02/2022). [NASA ADS]
 8. Heidari, N., et al. [including **Chontos, A.**], “HD207897 b: A Dense Sub-Neptune Transiting a Nearby and Bright K-type Star,” *A&A*, **658**, 176 (02/2022). [NASA ADS]
 9. Saunders, N., et al. [including **Chontos, A.**], “TESS Giants Transiting Giants I: A Non-inflated Hot Jupiter Orbiting a Massive Subgiant,” *AJ*, **163**, 53 (02/2022). [NASA ADS]
 10. Mathur, S., et al. [including **Chontos, A.**], “Detections of solar-like oscillations in dwarfs and subgiants with Kepler DR25 short-cadence data,” *A&A*, **657**, A31 (01/2022). [NASA ADS]

11. MacDougall, M., et al. [including **Chontos, A.**], “The TESS-Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166,” *AJ*, **162**, 265 (12/2021). [NASA ADS]
12. Polanski, A. S., et al. [including **Chontos, A.**], “Wolf 503 b: Characterization of a Sub-Neptune Orbiting a Metal-Poor K Dwarf,” *AJ*, **162**, 238 (12/2021). [NASA ADS]
13. Scarsdale, N., et al. [including **Chontos, A.**], “The TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935,” *AJ*, **162**, 215 (11/2021). [NASA ADS]
14. Llop-Sayson, J., et al. [including **Chontos, A.**], “Constraining the Orbit and Mass of ϵ Eridani b with Radial Velocities, Hipparcos IAD-Gaia DR2 Astrometry, and Multi-epoch Vortex Coronagraphy Upper Limits,” *AJ*, **162**, 181 (11/2021). [NASA ADS]
15. 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,” *AJ*, **162**, 89 (09/2021). [NASA ADS]
16. 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,” *AJ*, **162**, 62 (08/2021). [NASA ADS]
17. Fulton, B. J., et al. [including **Chontos, A.**], “The California Legacy Survey. II. Occurrence of Giant Planets beyond the Ice Line,” *ApJSS*, **255**, 14 (07/2021). [NASA ADS]
18. 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,” *AJ*, **161**, 56 (02/2021). [NASA ADS]
19. Kosiarek, M. R., et al. [including **Chontos, A.**], “Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827,” *AJ*, **161**, 47 (01/2021). [NASA ADS]
20. 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,” *A&A*, **644**, A127 (12/2020). [NASA ADS]
21. Dai, F., et al. [including **Chontos, A.**], “The TESS-Keck Survey. III. A Stellar Obliquity Measurement of TOI-1726 c,” *AJ*, **160**, 193 (10/2020). [NASA ADS]
22. Demory, B. O., et al. [including **Chontos, A.**], “A Super-Earth and a Sub-Neptune Orbiting the Bright, Quiet M3 Dwarf TOI-1266,” *A&A*, **642**, A49 (10/2020). [NASA ADS]
23. Carleo, I., et al. [including **Chontos, A.**], “The Multiplanet System TOI-421,” *AJ*, **160**, 114 (09/2020). [NASA ADS]
24. Cloutier, R., et al. [including **Chontos, A.**], “TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs,” *AJ*, **160**, 22 (07/2020). [NASA ADS]
25. 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,” *AJ*, **159**, 241 (05/2020). [NASA ADS]

26. Guo, X., et al. [including **Chontos, A.**], “Updated Parameters and a New Transmission Spectrum of HD 97658b,” *AJ*, **159**, 239 (05/2020). [NASA ADS]
27. Pope, B. J. S., et al. [including **Chontos, A.**], “The Kepler Smear Campaign: Light Curves for 102 Very Bright Stars,” *ApJSS*, **244**, 18 (09/2019). [NASA ADS]
28. Becker, J. C., et al. [including **Chontos, A.**], “A Discrete Set of Possible Transit Ephemerides for Two Long-period Gas Giants Orbiting HIP 41378,” *AJ*, **157**, 19 (01/2019). [NASA ADS]