

rodrigo luger

stats

Total Pubs	35
Refereed	30
First Author	10
Citations	1326
h-index	17

citations →
(refereed in **bold**)

publications

- Zinn, J., Stello, D., Elsworth, Y., García, R., et al. (including **Luger, R.**), 2020, [The K2 Galactic Archaeology Program Data Release 2: Asteroseismic Results From Campaigns 4, 6, and 7](#), The Astrophysical Journal Supplement Series, **251**, 23
- ³ Agol, E., Dorn, C., Grimm, S., Turbet, M., et al. (including **Luger, R.**), 2020, [Refining the Transit Timing and Photometric Analysis of TRAPPIST-1: Masses, Radii, Densities, Dynamics, and Ephemerides](#), arXiv e-prints
- ⁸ Cunningham, E., Garavito-Camargo, N., Deason, A., Johnston, K., et al. (including **Luger, R.**), 2020, [Quantifying the Stellar Halo's Response to the LMC's Infall With Spherical Harmonics](#), ApJ, **898**, 4
- ¹⁰ Fleming, D., Barnes, R., **Luger, R.**, & VanderPlas, J., 2020, [On the XUV Luminosity Evolution of TRAPPIST-1](#), ApJ, **891**, 155
- ¹⁵ Agol, E., **Luger, R.**, & Foreman-Mackey, D., 2020, [Analytic Planetary Transit Light Curves and Derivatives for Stars With Polynomial Limb Darkening](#), AJ, **159**, 123
- ⁷ Montet, B., Feinstein, A., **Luger, R.**, Bedell, M., et al., 2020, [The Young Planet DS Tuc Ab Has a Low Obliquity](#), AJ, **159**, 112
- ¹¹ Barnes, R., **Luger, R.**, Deitrick, R., Driscoll, P., et al., 2020, [VPlanet: The Virtual Planet Simulator](#), PASP, **132**, 24502
- ²² David, T., Petigura, E., **Luger, R.**, Foreman-Mackey, D., et al., 2019, [Four Newborn Planets Transiting the Young Solar Analog V1298 Tau](#), ApJ, **885**
- ¹² Bedell, M., Hogg, D., Foreman-Mackey, D., Montet, B., & **Luger, R.**, 2019, [WOBBLE: A Data-Driven Analysis Technique for Time-Series Stellar Spectra](#), AJ, **158**, 164
- ³⁶ Feinstein, A., Montet, B., Foreman-Mackey, D., Bedell, M., et al. (including **Luger, R.**), 2019, [Eleanor: An Open-Source Tool for Extracting Light Curves From the TESS Full-Frame Images](#), PASP, **131**, 94502
- ¹⁴ Kruse, E., Agol, E., **Luger, R.**, & Foreman-Mackey, D., 2019, [Detection of Hundreds of New Planet Candidates and Eclipsing Binaries in K2 Campaigns 0-8](#), The Astrophysical Journal Supplement Series, **244**, 11
- ¹⁵ Fleming, D., Barnes, R., Davenport, J., & **Luger, R.**, 2019, [Rotation Period Evolution in Low-Mass Binary Stars: The Impact of Tidal Torques and Magnetic Braking](#), ApJ, **881**, 88
- ⁴⁹ Eastman, J., Rodriguez, J., Agol, E., Stassun, K., et al. (including **Luger, R.**), 2019, [EXOFASTv2: A Public, Generalized, Publication-Quality Exoplanet Modeling Code](#), arXiv e-prints
- ¹ Kislyakova, K., Fossati, L., Shulyak, D., Günther, E., et al. (including **Luger, R.**), 2019, [Detecting Volcanically Produced Tori Along Orbits of Exoplanets Using UV Spectroscopy](#), arXiv e-prints
- ²¹ Kreidberg, L., **Luger, R.**, & Bedell, M., 2019, [No Evidence for Lunar Transit in New Analysis of Hubble Space Telescope Observations of the Kepler-1625 System](#), ApJ, **877**
- Saunders, N., **Luger, R.**, & Barnes, R., 2019, [The Pointing Limits of Transiting Exoplanet Light Curve Characterization With Pixel Level Decorrelation](#), AJ, **157**, 197
- ⁹ **Luger, R.**, Bedell, M., Vanderspek, R., & Burke, C., 2019, [TESS Photometric Mapping of a Terrestrial Planet in the Habitable Zone: Detection of Clouds, Oceans, and Continents](#), arXiv e-prints

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- Barnes, R., **Luger, R.**, Smotherman, H., Deitrick, R., & Fleming, D., 2019, [After the Habitable Zone](#), *Memorie della Societa Astronomica Italiana*, **90**, 641
- 14 Lustig-Yaeger, J., Meadows, V., Tovar Mendoza, G., Schwieterman, E., et al. (including **Luger, R.**), 2018, [Detecting Ocean Glint on Exoplanets Using Multiphase Mapping](#), *AJ*, **156**, 301
- 46 Lincowski, A., Meadows, V., Crisp, D., Robinson, T., et al. (including **Luger, R.**), 2018, [Evolved Climates and Observational Discriminants for the TRAPPIST-1 Planetary System](#), *ApJ*, **867**, 76
- 81 **Luger, R.**, Kruse, E., Foreman-Mackey, D., Agol, E., & Saunders, N., 2018, [An Update to the EVEREST K2 Pipeline: Short Cadence, Saturated Stars, and Kepler-Like Photometry Down to Kp = 15](#), *AJ*, **156**, 99
- 20 Fleming, D., Barnes, R., Graham, D., **Luger, R.**, & Quinn, T., 2018, [On the Lack of Circumbinary Planets Orbiting Isolated Binary Stars](#), *ApJ*, **858**, 86
- 9 Tian, F., Güdel, M., Johnstone, C., Lammer, H., et al. (including **Luger, R.**), 2018, [Water Loss From Young Planets](#), *Space Science Reviews*, **214**, 65
- 91 Meadows, V., Arney, G., Schwieterman, E., Lustig-Yaeger, J., et al. (including **Luger, R.**), 2018, [The Habitability of Proxima Centauri B: Environmental States and Observational Discriminants](#), *Astrobiology*, **18**, 133
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- 151 **Luger, R.**, Agol, E., Kruse, E., Barnes, R., et al., 2016, [EVEREST: Pixel Level Decorrelation of K2 Light Curves](#), *AJ*, **152**, 100
- 49 Barnes, R., Deitrick, R., **Luger, R.**, Driscoll, P., et al., 2016, [The Habitability of Proxima Centauri B I: Evolutionary Scenarios](#), *arXiv e-prints*
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