

refereed: 88 / first author: 3 / citations: 2,083 / h-index: 29 (as of 2026-02-28)

Refereed publications

- 88 Livingston, John H.; Petigura, Erik A.; David, Trevor J.; Masuda, Kento; *et al.* (incl. **de Leon, J. P.**), 2026, *A young progenitor for the most common planetary systems in the Galaxy*, *Nature*, **649**, 310 ([arXiv:2601.10598](#))
- 87 Morello, G.; Peláez-Torres, A.; Pozuelos, F. J.; Dévora-Pajares, M.; *et al.* (incl. **de Leon, J. P.**), 2026, *The K-dwarfs Survey I. Four Validated Planets from the Radius Valley to the Neptune Desert*, *Monthly Notices of the Royal Astronomical Society*
- 86 Ikuta, Kai; Narita, Norio; Takarada, Takuya; Hirano, Teruyuki; *et al.* (incl. **de Leon, J. P.**), 2025, *The mass of TOI-654 b: A short-period sub-Neptune transiting a mid-M dwarf*, *Publications of the Astronomical Society of Japan*, **77**, 1101 ([arXiv:2507.16222](#))
- 85 Mori, Mayuko; Fukui, Akihiko; Hirano, Teruyuki; Narita, Norio; *et al.* (incl. **de Leon, J. P.**), 2025, *Multiband, Multiepoch Photometry of the Spot-crossing System TOI-3884: Refined System Geometry and Spot Properties*, *The Astronomical Journal*, **170**, 204 ([arXiv:2506.06445](#)) [5 citations]
- 84 Yee, Samuel W.; Winn, Joshua N.; Hartman, Joel D.; Rodriguez, Joseph E.; *et al.* (incl. **de Leon, J. P.**), 2025, *The TESS Grand Unified Hot Jupiter Survey. III. Thirty More Giant Planets*, *The Astrophysical Journal Supplement Series*, **280**, 30 ([arXiv:2507.01855](#)) [4 citations]
- 83 Gomez Barrientos, Jonathan; Greklek-McKeon, Michael; Knutson, Heather A.; Giacalone, Steven; *et al.* (incl. **de Leon, J. P.**), 2025, *Validation of TESS Planet Candidates with Multicolor Transit Photometry and TRICERATOPS+*, *The Astronomical Journal*, **170**, 148 ([arXiv:2508.02782](#)) [3 citations]
- 82 Vowell, Noah; Rodriguez, Joseph E.; Latham, David W.; Quinn, Samuel N.; *et al.* (incl. **de Leon, J. P.**), 2025, *Eleven New Transiting Brown Dwarfs and Very-low-mass Stars from TESS*, *The Astronomical Journal*, **170**, 68 ([arXiv:2501.09795](#)) [15 citations]
- 81 Geraldía-González, S.; Orell-Miquel, J.; Pallé, E.; Murgas, F.; *et al.* (incl. **de Leon, J. P.**), 2025, *Discovery of a transiting hot water-world candidate orbiting Ross 176 with TESS and CARMENES*, *Astronomy and Astrophysics*, **700** ([arXiv:2507.15763](#)) [2 citations]
- 80 Soubkiou, Abderahmane; Barkaoui, Khalid; Benkhaldoun, Zouhair; Ghachoui, Mourad; *et al.* (incl. **de Leon, J. P.**), 2025, *TOI-1846 b: a super-Earth in the radius valley orbiting a nearby M dwarf*, *Monthly Notices of the Royal Astronomical Society*, **541**, 3249 ([arXiv:2506.18550](#))
- 79 Greklek-McKeon, Michael; Vissapragada, Shreyas; Knutson, Heather A.; Fukui, Akihiko; *et al.* (incl. **de Leon, J. P.**), 2025, *Tidally Heated Sub-Neptunes, Refined Planetary Compositions, and Confirmation of a Third Planet in the TOI-1266 System*, *The Astronomical Journal*, **169**, 292 ([arXiv:2409.16374](#)) [3 citations]
- 78 Fairnington, Tyler R.; Dong, Jiayin; Huang, Chelsea X.; Nabbie, Emma; *et al.* (incl. **de Leon, J. P.**), 2025, *The eccentricity distribution of warm sub-Saturns in TESS*, *Monthly Notices of the Royal Astronomical Society*, **540**, 1144 ([arXiv:2505.04106](#)) [2 citations]
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- 76 Masuda, Kento; Libby-Roberts, Jessica E.; Livingston, John H.; Stevenson, Kevin B.; *et al.* (incl. **de Leon, J. P.**), 2024, *A Fourth Planet in the Kepler-51 System Revealed by Transit Timing Variations*, The Astronomical Journal, **168**, 294 (arXiv:2410.01625) [14 citations]
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- 74 Peláez-Torres, A.; Esparza-Borges, E.; Pallé, E.; Parviainen, H.; *et al.* (incl. **de Leon, J. P.**), 2024, *Validation of up to seven TESS planet candidates through multi-colour transit photometry using MuSCAT2 data*, Astronomy and Astrophysics, **690** (arXiv:2409.07400) [6 citations]
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