FULL PUBLICATION LIST – AVI SHPORER

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Refereed Publications

360. Barkaoui, K., et al., 2025
"TOI-7166b: A Habitable Zone mini-Neptune planet around a nearby low-mass star".
MNRAS, 544, 2637.

359. Eschen, Y., et al., 2025
"An Ultra-Short Period Super-Earth and Sub-Neptune Spanning the Radius Valley Orbiting the Kinematic Thick Disk Star TOI-2345".
MNRAS, 544, 2614.

358. Im, H., et al., 2025
"Kepler-1624b Has No Significant Transit Timing Variations".
AJ, 170, 336.

357. Yalcinkaya., S.,et al., 2025
"TOI-1743,b, TOI-5799,b, TOI-5799,c and TOI-6223,b: TESS discovery and validation of four super-Earth to Neptune-sized planets around M dwarfs".
A&A, 702, 209.

356. Mori, M., et al., 2025
"Multi-band, Multi-epoch Photometry of the Spot-crossing System TOI-3884: Refined System Geometry and Spot Properties".
ApJ, 170, 204.

355. Tamburo, P., et al., 2025
"Spot-Crossing Variations Confirm a Misaligned Orbit for a Planet Transiting an M Dwarf".
AJ, 170, 200.

354. Wells, T., et al., 2025
"The Spin-orbit alignment of two short period eclipsing binary systems".
MNRAS, 542, 2269.

353. Yee, S., et al., 2025
"The TESS Grand Unified Hot Jupiter Survey. III. Thirty More Giant Planets".
ApJS, 280, 30.

352. Gomez Barrientos, J., et al., 2025
"Validation of TESS planet candidates with multi-color transit photometry and TRICERATOPS+".
AJ, 170, 148.

351. Shaw, D., et al., 2025
"Updated masses for the gas giants in the eight-planet Kepler-90 system via transit-timing variation and radial velocity observations".
AJ, 170, 146.

350. Manni, F., et al., 2025
"The Hot Neptune Initiative (HONEI) II. TOI-5795 b: A hot super-Neptune orbiting a metal-poor star".
A&A, 701, 230.

349. Gan, T., et al., 2025
"A New Brown Dwarf Orbiting an M star and An Investigation on the Eccentricity Distribution of Transiting Long-Period Brown Dwarfs".
ApJ, 988, 78.

348. Han, T., et al., 2025
"Hundreds of TESS exoplanets might be larger than we thought".
ApJ, 988L, 4.

347. Vowell, N., et al., 2025
"Eleven New Transiting Brown Dwarfs and Very-low-mass Stars from TESS".
AJ, 170, 68.

346. Essack, Z., et al., 2025
"Giant Outer Transiting Exoplanet Mass (GOT 'EM) Survey. VI. Confirmation of a Long-period Giant Planet Discovered with a Single TESS Transit".
AJ, 170, 41.

345. Scott, M., et al., 2025
"TOI-6478 b: a cold under-dense Neptune transiting a fully convective M dwarf from the thick disc".
MNRAS, 540, 1909.

344. Fairnington, T., et al., 2025
"The eccentricity distribution of warm sub-Saturns in TESS".
MNRAS, 540, 1144.

343. Vach, S., et al., 2025
"A transiting multi-planet system in the 61 million year old association Theia 116".
MNRAS, 540, 806.

342. Hon, M., Rappaport, S., **Shporer, A.**, et al., 2025
"A disintegrating rocky planet with prominent comet-like tails around a bright star".
ApJ, 984L, 3.

341. Bieryla, A., et al., 2025
"TOI-2005b: An Eccentric Warm Jupiter in Spin-orbit Alignment".
AJ, 169, 273.

340. Chaturvedi, P., et al., 2025
"TOI-3493 b: A planet with a Neptune-like density transiting a bright G0 type star".
A&A, 697, 169.

339. Barkaoui, K., et al., 2025
"TOI-6508 b: A massive transiting brown dwarf orbiting a low-mass star".
A&A, 696, 44.

338. Barkaoui, K., et al., 2025
"TOI-2015 b: a sub-Neptune in strong gravitational interaction with an outer non-transiting planet".
A&A, 695, 281.

337. Zingales, T., et al., 2025
"A joint effort to discover and characterize two resonant mini Neptunes around TOI-1803 with TESS, HARPS-N and CHEOPS".
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336. Zhang, M., et al., 2025
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AJ, 169, 204.

335. Martinez, R., et al., 2025
"Discovery and Characterization of an Eccentric, Warm Saturn Transiting the Solar Analog TOI-4994".
AJ, 169, 72.

334. Kunimoto, M., et al., 2025
"Two Earth-size planets and an Earth-size candidate transiting the nearby star HD 101581".
AJ, 169, 47.

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"A giant planet transiting a 3 Myr protostar with a misaligned disk".
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332. Nies, M., et al., 2024
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"Evolution of BD-14 3065b (TOI-4987b) from giant planet to brown dwarf as possible evidence of deuterium burning at old stellar ages".
A&A, 688, 120.

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325. Alqasim, A., et al., 2024
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323. Barkaoui, K., et al., 2024
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322. Brady, M., et al., 2024
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320. Schulte, J., et al., 2024
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319. Tey, E., **Shporer, A.**, et al., 2024
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318. Silverstein, M., et al., 2024
"Validation of a Third Planet in the LHS 1678 System".
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"Identification of the Top TESS Objects of Interest for Atmospheric Characterization of Transiting Exoplanets with JWST".
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"LHS 475 b: A Venus-sized Planet Orbiting a Nearby M Dwarf".
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