

Sara Seager

List of Publications by Year in descending order

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271
papers

25,022
citations

14644

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7944

149
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278
all docs

278
docs citations

278
times ranked

7715
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Kepler Planet-Detection Mission: Introduction and First Results. <i>Science</i> , 2010, 327, 977-980. | 6.0 | 2,848 |
| 2 | Transiting Exoplanet Survey Satellite. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2014, 1, 014003. | 1.0 | 2,300 |
| 3 | PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM <i>KEPLER</i> . <i>Astrophysical Journal, Supplement Series</i> , 2012, 201, 15. | 3.0 | 871 |
| 4 | CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. <i>Astrophysical Journal</i> , 2011, 736, 19. | 1.6 | 859 |
| 5 | Clouds in the atmosphere of the super-Earth exoplanet GJ1214b. <i>Nature</i> , 2014, 505, 69-72. | 13.7 | 688 |
| 6 | A Unique Solution of Planet and Star Parameters from an Extrasolar Planet Transit Light Curve. <i>Astrophysical Journal</i> , 2003, 585, 1038-1055. | 1.6 | 645 |
| 7 | Mass-Radius Relationships for Solid Exoplanets. <i>Astrophysical Journal</i> , 2007, 669, 1279-1297. | 1.6 | 599 |
| 8 | Theoretical Transmission Spectra during Extrasolar Giant Planet Transits. <i>Astrophysical Journal</i> , 2000, 537, 916-921. | 1.6 | 593 |
| 9 | The Revised TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , 2019, 158, 138. | 1.9 | 577 |
| 10 | Transiting Exoplanet Survey Satellite (TESS). <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 566 |
| 11 | <i>KEPLER</i> 'S FIRST ROCKY PLANET: KEPLER-10b. <i>Astrophysical Journal</i> , 2011, 729, 27. | 1.6 | 473 |
| 12 | A TEMPERATURE AND ABUNDANCE RETRIEVAL METHOD FOR EXOPLANET ATMOSPHERES. <i>Astrophysical Journal</i> , 2009, 707, 24-39. | 1.6 | 437 |
| 13 | MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 20. | 3.0 | 418 |
| 14 | <i>KEPLER</i> ECLIPSING BINARY STARS. I. CATALOG AND PRINCIPAL CHARACTERIZATION OF 1879 ECLIPSING BINARIES IN THE FIRST DATA RELEASE. <i>Astronomical Journal</i> , 2011, 141, 83. | 1.9 | 417 |
| 15 | ATMOSPHERIC RETRIEVAL FOR SUPER-EARTHS: UNIQUELY CONSTRAINING THE ATMOSPHERIC COMPOSITION WITH TRANSMISSION SPECTROSCOPY. <i>Astrophysical Journal</i> , 2012, 753, 100. | 1.6 | 317 |
| 16 | Exoplanet Atmospheres. <i>Annual Review of Astronomy and Astrophysics</i> , 2010, 48, 631-672. | 8.1 | 314 |
| 17 | A Framework for Prioritizing the <i>TESS</i> Planetary Candidates Most Amenable to Atmospheric Characterization. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114401. | 1.0 | 314 |
| 18 | Vegetation's Red Edge: A Possible Spectroscopic Biosignature of Extraterrestrial Plants. <i>Astrobiology</i> , 2005, 5, 372-390. | 1.5 | 275 |

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|----|--|-----|-----------|
| 19 | Thermal structure of an exoplanet atmosphere from phase-resolved emission spectroscopy. <i>Science</i> , 2014, 346, 838-841. | 6.0 | 266 |
| 20 | THE MASS OF KOI-94d AND A RELATION FOR PLANET RADIUS, MASS, AND INCIDENT FLUX. <i>Astrophysical Journal</i> , 2013, 768, 14. | 1.6 | 253 |
| 21 | INFERENCE OF INHOMOGENEOUS CLOUDS IN AN EXOPLANET ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2013, 776, L25. | 3.0 | 250 |
| 22 | A FRAMEWORK FOR QUANTIFYING THE DEGENERACIES OF EXOPLANET INTERIOR COMPOSITIONS. <i>Astrophysical Journal</i> , 2010, 712, 974-991. | 1.6 | 249 |
| 23 | PHOTOCHEMISTRY IN TERRESTRIAL EXOPLANET ATMOSPHERES. I. PHOTOCHEMISTRY MODEL AND BENCHMARK CASES. <i>Astrophysical Journal</i> , 2012, 761, 166. | 1.6 | 215 |
| 24 | The Phase-Dependent Infrared Brightness of the Extrasolar Planet \hat{A} Andromedae b. <i>Science</i> , 2006, 314, 623-626. | 6.0 | 213 |
| 25 | FORMATION AND STRUCTURE OF LOW-DENSITY EXO-NEPTUNES. <i>Astrophysical Journal</i> , 2011, 738, 59. | 1.6 | 213 |
| 26 | LACK OF INFLATED RADII FOR <i>KEPLER</i> GIANT PLANET CANDIDATES RECEIVING MODEST STELLAR IRRADIATION. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 12. | 3.0 | 204 |
| 27 | HOW TO DISTINGUISH BETWEEN CLOUDY MINI-NEPTUNES AND WATER/VOLATILE-DOMINATED SUPER-EARTHS. <i>Astrophysical Journal</i> , 2013, 778, 153. | 1.6 | 201 |
| 28 | THE ATMOSPHERIC SIGNATURES OF SUPER-EARTHS: HOW TO DISTINGUISH BETWEEN HYDROGEN-RICH AND HYDROGEN-POOR ATMOSPHERES. <i>Astrophysical Journal</i> , 2009, 690, 1056-1067. | 1.6 | 192 |
| 29 | The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39. | 3.0 | 190 |
| 30 | ALIEN MAPS OF AN OCEAN-BEARING WORLD. <i>Astrophysical Journal</i> , 2009, 700, 915-923. | 1.6 | 188 |
| 31 | THREE POSSIBLE ORIGINS FOR THE GAS LAYER ON GJ 1214b. <i>Astrophysical Journal</i> , 2010, 716, 1208-1216. | 1.6 | 184 |
| 32 | Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs. <i>Astronomical Journal</i> , 2020, 159, 60. | 1.9 | 184 |
| 33 | The Very Low Albedo of an Extrasolar Planet: <i>MOST</i> Space-based Photometry of HD 209458. <i>Astrophysical Journal</i> , 2008, 689, 1345-1353. | 1.6 | 180 |
| 34 | Ranges of Atmospheric Mass and Composition of Super-Earth Exoplanets. <i>Astrophysical Journal</i> , 2008, 685, 1237-1246. | 1.6 | 177 |
| 35 | Phosphine gas in the cloud decks of Venus. <i>Nature Astronomy</i> , 2021, 5, 655-664. | 4.2 | 174 |
| 36 | Detection of a transit of the super-Earth 55 <i>Cancer</i> e with warm <i>Spitzer</i> . <i>Astronomy and Astrophysics</i> , 2011, 533, A114. | 2.1 | 152 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Toward a List of Molecules as Potential Biosignature Gases for the Search for Life on Exoplanets and Applications to Terrestrial Biochemistry. <i>Astrobiology</i> , 2016, 16, 465-485. | 1.5 | 152 |
| 38 | PHOTOCHEMISTRY IN TERRESTRIAL EXOPLANET ATMOSPHERES. III. PHOTOCHEMISTRY AND THERMOCHEMISTRY IN THICK ATMOSPHERES ON SUPER EARTHS AND MINI NEPTUNES. <i>Astrophysical Journal</i> , 2014, 784, 63. | 1.6 | 151 |
| 39 | TESS Discovery of a Transiting Super-Earth in the pi Mensae System. <i>Astrophysical Journal Letters</i> , 2018, 868, L39. | 3.0 | 148 |
| 40 | A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500. | 13.7 | 145 |
| 41 | Extrasolar Giant Planets under Strong Stellar Irradiation. <i>Astrophysical Journal</i> , 1998, 502, L157-L161. | 1.6 | 144 |
| 42 | On the Period Distribution of Close-in Extrasolar Giant Planets. <i>Astrophysical Journal</i> , 2005, 623, 472-481. | 1.6 | 140 |
| 43 | Absence of a thick atmosphere on the terrestrial exoplanet LHS 3844b. <i>Nature</i> , 2019, 573, 87-90. | 13.7 | 139 |
| 44 | BIOSIGNATURE GASES IN H ₂ -DOMINATED ATMOSPHERES ON ROCKY EXOPLANETS. <i>Astrophysical Journal</i> , 2013, 777, 95. | 1.6 | 129 |
| 45 | PHOTOCHEMISTRY IN TERRESTRIAL EXOPLANET ATMOSPHERES. II. H ₂ S AND SO ₂ PHOTOCHEMISTRY IN ANOXIC ATMOSPHERES. <i>Astrophysical Journal</i> , 2013, 769, 6. | 1.6 | 119 |
| 46 | A SPITZER TRANSMISSION SPECTRUM FOR THE EXOPLANET GJ 436b, EVIDENCE FOR STELLAR VARIABILITY, AND CONSTRAINTS ON DAYSIDE FLUX VARIATIONS. <i>Astrophysical Journal</i> , 2011, 735, 27. | 1.6 | 115 |
| 47 | A giant planet candidate transiting a white dwarf. <i>Nature</i> , 2020, 585, 363-367. | 13.7 | 111 |
| 48 | TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucana-Horologium Association. <i>Astrophysical Journal Letters</i> , 2019, 880, L17. | 3.0 | 110 |
| 49 | TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. <i>Astrophysical Journal Letters</i> , 2019, 871, L24. | 3.0 | 108 |
| 50 | STUDYING THE ATMOSPHERE OF THE EXOPLANET HAT-P-7b VIA SECONDARY ECLIPSE MEASUREMENTS WITH EPOXI, SPITZER, AND KEPLER. <i>Astrophysical Journal</i> , 2010, 710, 97-104. | 1.6 | 103 |
| 51 | Planetary system around the nearby M dwarf GJ 357 including a transiting, hot, Earth-sized planet optimal for atmospheric characterization. <i>Astronomy and Astrophysics</i> , 2019, 628, A39. | 2.1 | 97 |
| 52 | A BIOMASS-BASED MODEL TO ESTIMATE THE PLAUSIBILITY OF EXOPLANET BIOSIGNATURE GASES. <i>Astrophysical Journal</i> , 2013, 775, 104. | 1.6 | 96 |
| 53 | The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , 2019, 158, 32. | 1.9 | 93 |
| 54 | Phosphine as a Biosignature Gas in Exoplanet Atmospheres. <i>Astrobiology</i> , 2020, 20, 235-268. | 1.5 | 87 |

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|----|---|------|-----------|
| 55 | A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. <i>Nature Astronomy</i> , 2019, 3, 1099-1108. | 4.2 | 84 |
| 56 | Two New HATNet Hot Jupiters around A Stars and the First Glimpse at the Occurrence Rate of Hot Jupiters from TESS. <i>Astronomical Journal</i> , 2019, 158, 141. | 1.9 | 83 |
| 57 | A SEMI-ANALYTICAL MODEL OF VISIBLE-WAVELENGTH PHASE CURVES OF EXOPLANETS AND APPLICATIONS TO KEPLER- 7 B AND KEPLER- 10 B. <i>Astrophysical Journal</i> , 2015, 802, 51. | 1.6 | 80 |
| 58 | HELIUM ATMOSPHERES ON WARM NEPTUNE- AND SUB-NEPTUNE-SIZED EXOPLANETS AND APPLICATIONS TO GJ 436b. <i>Astrophysical Journal</i> , 2015, 807, 8. | 1.6 | 80 |
| 59 | TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , 2019, 881, L19. | 3.0 | 80 |
| 60 | Illusion and reality in the atmospheres of exoplanets. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 53-75. | 1.5 | 79 |
| 61 | The first view of $\hat{\text{A}}^{\text{Scuti}}$ and $\hat{\text{B}}^{\text{Doradus}}$ stars with the TESS mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4040-4059. | 1.6 | 78 |
| 62 | "Weather" Variability of Close-in Extrasolar Giant Planets. <i>Astrophysical Journal</i> , 2003, 587, L113-L116. | 1.6 | 76 |
| 63 | A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020, 583, 39-42. | 13.7 | 73 |
| 64 | The future of spectroscopic life detection on exoplanets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12634-12640. | 3.3 | 72 |
| 65 | A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245. | 1.9 | 72 |
| 66 | Thermal Emission from Transiting Very Hot Jupiters: Prospects for Ground-based Detection at Optical Wavelengths. <i>Astrophysical Journal</i> , 2007, 667, L191-L194. | 1.6 | 70 |
| 67 | TRANSIT CONFIRMATION AND IMPROVED STELLAR AND PLANET PARAMETERS FOR THE SUPER-EARTH HD 97658 b AND ITS HOST STAR. <i>Astrophysical Journal</i> , 2014, 786, 2. | 1.6 | 70 |
| 68 | TESS Full Orbital Phase Curve of the WASP-18b System. <i>Astronomical Journal</i> , 2019, 157, 178. | 1.9 | 70 |
| 69 | TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune*. <i>Astrophysical Journal Letters</i> , 2019, 875, L7. | 3.0 | 69 |
| 70 | The Venusian Lower Atmosphere Haze as a Depot for Desiccated Microbial Life: A Proposed Life Cycle for Persistence of the Venusian Aerial Biosphere. <i>Astrobiology</i> , 2021, 21, 1206-1223. | 1.5 | 69 |
| 71 | TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. <i>Astronomical Journal</i> , 2020, 160, 179. | 1.9 | 68 |
| 72 | The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020, 160, 116. | 1.9 | 67 |

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|----|--|-----|-----------|
| 73 | HD 202772A b: A Transiting Hot Jupiter around a Bright, Mildly Evolved Star in a Visual Binary Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 51. | 1.9 | 66 |
| 74 | The search for signs of life on exoplanets at the interface of chemistry and planetary science. <i>Science Advances</i> , 2015, 1, e1500047. | 4.7 | 65 |
| 75 | SYSTEM PARAMETERS, TRANSIT TIMES, AND SECONDARY ECLIPSE CONSTRAINTS OF THE EXOPLANET SYSTEMS HAT-P-4, TrES-2, TrES-3, and WASP-3 FROM THE NASA EPOXI MISSION OF OPPORTUNITY. <i>Astrophysical Journal</i> , 2011, 726, 94. | 1.6 | 64 |
| 76 | Vetting of 384 TESS Objects of Interest with TRICERATOPS and Statistical Validation of 12 Planet Candidates. <i>Astronomical Journal</i> , 2021, 161, 24. | 1.9 | 64 |
| 77 | LOW FALSE POSITIVE RATE OF KEPLER CANDIDATES ESTIMATED FROM A COMBINATION OF SPITZER AND FOLLOW-UP OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 804, 59. | 1.6 | 62 |
| 78 | A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. <i>Astronomical Journal</i> , 2020, 160, 3. | 1.9 | 62 |
| 79 | Three Red Suns in the Sky: A Transiting, Terrestrial Planet in a Triple M-dwarf System at 6.9 pc. <i>Astronomical Journal</i> , 2019, 158, 152. | 1.9 | 59 |
| 80 | WASP-4b Arrived Early for the TESS Mission. <i>Astronomical Journal</i> , 2019, 157, 217. | 1.9 | 59 |
| 81 | TOI-1338: TESS's First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , 2020, 159, 253. | 1.9 | 58 |
| 82 | ON THE EMERGENT SPECTRA OF HOT PROTOPLANET COLLISION AFTERGLOWS. <i>Astrophysical Journal</i> , 2009, 704, 770-780. | 1.6 | 52 |
| 83 | Optical phase curve of the ultra-hot Jupiter WASP-121b. <i>Astronomy and Astrophysics</i> , 2020, 637, A36. | 2.1 | 50 |
| 84 | TESS Eclipsing Binary Stars. I. Short-cadence Observations of 4584 Eclipsing Binaries in Sectors 1-26. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 16. | 3.0 | 50 |
| 85 | Characterization of the L 98-59 multi-planetary system with HARPS. <i>Astronomy and Astrophysics</i> , 2019, 629, A111. | 2.1 | 49 |
| 86 | A super-Earth and a sub-Neptune orbiting the bright, quiet M3 dwarf TOI-1266. <i>Astronomy and Astrophysics</i> , 2020, 642, A49. | 2.1 | 49 |
| 87 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 642, A173. | 2.1 | 47 |
| 88 | An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. <i>Astronomical Journal</i> , 2019, 157, 191. | 1.9 | 46 |
| 89 | Age dating of an early Milky Way merger via asteroseismology of the naked-eye star ϵ Indi. <i>Nature Astronomy</i> , 2020, 4, 382-389. | 4.2 | 46 |
| 90 | Rotation and pulsation in Ap stars: first light results from TESS sectors 1 and 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3523-3549. | 1.6 | 44 |

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|-----|--|-----|-----------|
| 91 | Exploring the Atmospheric Dynamics of the Extreme Ultrahot Jupiter KELT-9b Using TESS Photometry. <i>Astronomical Journal</i> , 2020, 160, 88. | 1.9 | 44 |
| 92 | An ultrahot Neptune in the Neptune desert. <i>Nature Astronomy</i> , 2020, 4, 1148-1157. | 4.2 | 43 |
| 93 | A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18. <i>Astrophysical Journal Letters</i> , 2019, 883, L16. | 3.0 | 42 |
| 94 | Two Young Planetary Systems around Field Stars with Ages between 20 and 320 Myr from TESS. <i>Astronomical Journal</i> , 2021, 161, 2. | 1.9 | 42 |
| 95 | New environmental model for thermodynamic ecology of biological phosphine production. <i>Science of the Total Environment</i> , 2019, 658, 521-536. | 3.9 | 41 |
| 96 | A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021, 371, 1038-1041. | 6.0 | 41 |
| 97 | Masses and compositions of three small planets orbiting the nearby M dwarf L231-32 (TOI-270) and the M dwarf radius valley. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , . | 1.6 | 41 |
| 98 | Visible-light Phase Curves from the Second Year of the TESS Primary Mission. <i>Astronomical Journal</i> , 2021, 162, 127. | 1.9 | 40 |
| 99 | HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright ($V = 7.9$) star unveiled by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2982-2999. | 1.6 | 38 |
| 100 | Cluster Difference Imaging Photometric Survey. II. TOI 837: A Young Validated Planet in IC 2602. <i>Astronomical Journal</i> , 2020, 160, 239. | 1.9 | 38 |
| 101 | TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , 2020, 892, L7. | 3.0 | 37 |
| 102 | KELT-9's Asymmetric TESS Transit Caused by Rapid Stellar Rotation and Spin-Orbit Misalignment. <i>Astronomical Journal</i> , 2020, 160, 4. | 1.9 | 37 |
| 103 | Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34. | 3.0 | 37 |
| 104 | Complex Rotational Modulation of Rapidly Rotating M Stars Observed with TESS. <i>Astrophysical Journal</i> , 2019, 876, 127. | 1.6 | 36 |
| 105 | A Jovian planet in an eccentric 11.5 day orbit around HD 1397 discovered by TESS. <i>Astronomy and Astrophysics</i> , 2019, 623, A100. | 2.1 | 36 |
| 106 | TESS Hunt for Young and Maturing Exoplanets (THYME). V. A Sub-Neptune Transiting a Young Star in a Newly Discovered 250 Myr Association. <i>Astronomical Journal</i> , 2021, 161, 171. | 1.9 | 35 |
| 107 | A hot terrestrial planet orbiting the bright M dwarf L 168-9 unveiled by TESS. <i>Astronomy and Astrophysics</i> , 2020, 636, A58. | 2.1 | 35 |
| 108 | Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019, 158, 177. | 1.9 | 34 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Piscesâ€Eridanus Stream*. <i>Astronomical Journal</i> , 2021, 161, 65. | 1.9 | 34 |
| 110 | TESS Hunt for Young and Maturing Exoplanets (THYME). VI. An 11 Myr Giant Planet Transiting a Very-low-mass Star in Lower Centaurus Crux. <i>Astronomical Journal</i> , 2022, 163, 156. | 1.9 | 34 |
| 111 | Spectral distortions to the cosmic microwave background from the recombination of hydrogen and helium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 1666-1676. | 1.6 | 33 |
| 112 | HD 2685 <i>b</i>: a hot Jupiter orbiting an early F-type star detected by TESS. <i>Astronomy and Astrophysics</i> , 2019, 625, A16. | 2.1 | 33 |
| 113 | Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. <i>Astronomy and Astrophysics</i> , 2020, 639, A132. | 2.1 | 33 |
| 114 | TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 22. | 1.9 | 33 |
| 115 | A planetary system with two transiting mini-Neptunes near the radius valley transition around the bright M dwarf TOI-776. <i>Astronomy and Astrophysics</i> , 2021, 645, A41. | 2.1 | 33 |
| 116 | TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3704-3722. | 1.6 | 33 |
| 117 | TOI-677b: A Warm Jupiter (P = 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. <i>Astronomical Journal</i> , 2020, 159, 145. | 1.9 | 32 |
| 118 | TESS Phase Curve of the Hot Jupiter WASP-19b. <i>Astronomical Journal</i> , 2020, 159, 104. | 1.9 | 32 |
| 119 | The TESSâ€Keck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras*. <i>Astronomical Journal</i> , 2020, 159, 241. | 1.9 | 32 |
| 120 | GJ 1252 b: A 1.2 R_{âŠ•} Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , 2020, 890, L7. | 3.0 | 31 |
| 121 | Hot, rocky and warm, puffy super-Earths orbiting TOI-402 (HD 15337). <i>Astronomy and Astrophysics</i> , 2019, 627, A43. | 2.1 | 30 |
| 122 | TOI-222: a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1761-1769. | 1.6 | 30 |
| 123 | The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561. <i>Astronomical Journal</i> , 2021, 161, 56. | 1.9 | 30 |
| 124 | TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , 2021, 162, 234. | 1.9 | 30 |
| 125 | GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. <i>Science</i> , 2021, 374, 1271-1275. | 6.0 | 30 |
| 126 | A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with <i>CHEOPS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1043-1071. | 1.6 | 30 |

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|-----|--|-----|-----------|
| 127 | Demonstrating High-precision Photometry with a CubeSat: ASTERIA Observations of 55 Cancri e. <i>Astronomical Journal</i> , 2020, 160, 23. | 1.9 | 29 |
| 128 | The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , 2020, 160, 117. | 1.9 | 29 |
| 129 | Photosynthesis in Hydrogen-Dominated Atmospheres. <i>Life</i> , 2014, 4, 716-744. | 1.1 | 28 |
| 130 | MuSCAT2 multicolour validation of TESS candidates: an ultra-short-period substellar object around an M dwarf. <i>Astronomy and Astrophysics</i> , 2020, 633, A28. | 2.1 | 28 |
| 131 | Mass determinations of the three mini-Neptunes transiting TOI-125. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5399-5412. | 1.6 | 28 |
| 132 | TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021, 161, 162. | 1.9 | 28 |
| 133 | Flares, Rotation, and Planets of the AU Mic System from TESS Observations. <i>Astronomical Journal</i> , 2022, 163, 147. | 1.9 | 28 |
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