

# Karen A Collins

## List of Publications by Year in descending order

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Version: 2024-02-01

152  
papers

5,353  
citations

109137

35  
h-index

123241

61  
g-index

157  
all docs

157  
docs citations

157  
times ranked

2708  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | ASTROIMAGEJ: IMAGE PROCESSING AND PHOTOMETRIC EXTRACTION FOR ULTRA-PRECISE ASTRONOMICAL LIGHT CURVES. <i>Astronomical Journal</i> , 2017, 153, 77.  | 1.9  | 440       |
| 2  | Accurate Empirical Radii and Masses of Planets and Their Host Stars with Gaia Parallaxes. <i>Astronomical Journal</i> , 2017, 153, 136.   | 1.9  | 322       |
| 3  | The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.  | 3.0  | 190       |
| 4  | TESS Discovery of a Transiting Super-Earth in the $\pi$ Mensae System. <i>Astrophysical Journal Letters</i> , 2018, 868, L39.   | 3.0  | 148       |
| 5  | A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.   | 13.7 | 145       |
| 6  | A giant planet candidate transiting a white dwarf. <i>Nature</i> , 2020, 585, 363-367.  | 13.7 | 111       |
| 7  | TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucanae "Horologium Association. <i>Astrophysical Journal Letters</i> , 2019, 880, L17.                             | 3.0  | 110       |
| 8  | 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       |
| 9  | 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        |
| 10 | 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        |
| 11 | KELT-20b: A Giant Planet with a Period of $\sim 3.5$ days Transiting the $\sim 7.6$ Early A Star HD 185603. <i>Astronomical Journal</i> , 2017, 154, 194.                                       | 1.9  | 87        |
| 12 | TRANSIT TIMING VARIATION MEASUREMENTS OF WASP-12b AND QATAR-1b: NO EVIDENCE OF ADDITIONAL PLANETS. <i>Astronomical Journal</i> , 2017, 153, 78.   | 1.9  | 85        |
| 13 | 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        |
| 14 | 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        |
| 15 | KELT-17B: A HOT-JUPITER TRANSITING AN A-STAR IN A MISALIGNED ORBIT DETECTED WITH DOPPLER TOMOGRAPHY. <i>Astronomical Journal</i> , 2016, 152, 136.  | 1.9  | 76        |
| 16 | A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020, 583, 39-42.   | 13.7 | 73        |
| 17 | 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        |
| 18 | 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        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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        |
| 22 | KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting the V = 8 Subgiant HD 93396. <i>Astronomical Journal</i> , 2017, 153, 215.   | 1.9 | 61        |
| 23 | KELT-19Ab: A $\sim 4.6$ -day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. <i>Astronomical Journal</i> , 2018, 155, 35.  | 1.9 | 61        |
| 24 | KELT-16b: A Highly Irradiated, Ultra-short Period Hot Jupiter Nearing Tidal Disruption. <i>Astronomical Journal</i> , 2017, 153, 97.   | 1.9 | 58        |
| 25 | KELT-21b: A Hot Jupiter Transiting the Rapidly Rotating Metal-poor Late-A Primary of a Likely Hierarchical Triple System. <i>Astronomical Journal</i> , 2018, 155, 100.  | 1.9 | 55        |
| 26 | 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        |
| 27 | The KELT Follow-up Network and Transit False-positive Catalog: Pre-vetted False Positives for TESS. <i>Astronomical Journal</i> , 2018, 156, 234.  | 1.9 | 46        |
| 28 | 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        |
| 29 | An ultrahot Neptune in the Neptune desert. <i>Nature Astronomy</i> , 2020, 4, 1148-1157.   | 4.2 | 43        |
| 30 | KELT-14b AND KELT-15b: AN INDEPENDENT DISCOVERY OF WASP-122b AND A NEW HOT JUPITER. <i>Astronomical Journal</i> , 2016, 151, 138.  | 1.9 | 42        |
| 31 | 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        |
| 32 | 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        |
| 33 | A Comparative Study of WASP-67 b and HAT-P-38 b from WFC3 Data. <i>Astronomical Journal</i> , 2018, 155, 55.   | 1.9 | 41        |
| 34 | A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021, 371, 1038-1041.   | 6.0 | 41        |
| 35 | Two Intermediate-mass Transiting Brown Dwarfs from the TESS Mission. <i>Astronomical Journal</i> , 2020, 160, 53.  | 1.9 | 39        |
| 36 | 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        |

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|----|--|-----|-----------|
| 37 | 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        |
| 38 | TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , 2020, 892, L7.   | 3.0 | 37        |
| 39 | KELT-9 b's Asymmetric TESS Transit Caused by Rapid Stellar Rotation and Spin-Orbit Misalignment. <i>Astronomical Journal</i> , 2020, 160, 4.   | 1.9 | 37        |
| 40 | K2-114b and K2-115b: Two Transiting Warm Jupiters. <i>Astronomical Journal</i> , 2017, 154, 188.   | 1.9 | 36        |
| 41 | KELT-12b: A 1.45 day, Highly Inflated Hot Jupiter Transiting a Mildly Evolved Hot Star. <i>Astronomical Journal</i> , 2017, 153, 178.  | 1.9 | 35        |
| 42 | 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        |
| 43 | Determining Empirical Stellar Masses and Radii from Transits and Gaia Parallaxes as Illustrated by Spitzer Observations of KELT-11b. <i>Astronomical Journal</i> , 2017, 154, 25.      | 1.9 | 34        |
| 44 | Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019, 158, 177.  | 1.9 | 34        |
| 45 | TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Pisces-Eridanus Stream*. <i>Astronomical Journal</i> , 2021, 161, 65.  | 1.9 | 34        |
| 46 | 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        |
| 47 | 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        |
| 48 | 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        |
| 49 | TESS Phase Curve of the Hot Jupiter WASP-19b. <i>Astronomical Journal</i> , 2020, 159, 104.  | 1.9 | 32        |
| 50 | GJ 1252 b: A 1.2 $R_{\oplus}$ Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , 2020, 890, L7.  | 3.0 | 31        |
| 51 | KELT-18b: Puffy Planet, Hot Host, Probably Perturbed. <i>Astronomical Journal</i> , 2017, 153, 263.  | 1.9 | 30        |
| 52 | 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        |
| 53 | TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. <i>Astronomical Journal</i> , 2021, 162, 234.   | 1.9 | 30        |
| 54 | 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        |

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|----|--|-----|-----------|
| 55 | A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with <i>CHEOPS</i>. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1043-1071.             | 1.6 | 30        |
| 56 | TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. Astronomical Journal, 2020, 159, 151.  | 1.9 | 29        |
| 57 | The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. Astronomical Journal, 2020, 160, 117.   | 1.9 | 29        |
| 58 | MuSCAT2 multicolour validation of TESS candidates: an ultra-short-period substellar object around an M dwarf. Astronomy and Astrophysics, 2020, 633, A28.                            | 2.1 | 28        |
| 59 | TIC 168789840: A Sextuply Eclipsing Sextuple Star System. Astronomical Journal, 2021, 161, 162.  | 1.9 | 28        |
| 60 | Discovery of a hot, transiting, Earth-sized planet and a second temperate, non-transiting planet around the M4 dwarf GJ 3473 (TOI-488). Astronomy and Astrophysics, 2020, 642, A236. | 2.1 | 27        |
| 61 | An ultra-short-period transiting super-Earth orbiting the M3 dwarf TOI-1685. Astronomy and Astrophysics, 2021, 650, A78.   | 2.1 | 27        |
| 62 | The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 644, A127.   | 2.1 | 27        |
| 63 | TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. Astronomical Journal, 2020, 160, 153.   | 1.9 | 27        |
| 64 | KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. Astronomical Journal, 2020, 160, 111.                                  | 1.9 | 26        |
| 65 | TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission. Astronomical Journal, 2021, 161, 97.                 | 1.9 | 25        |
| 66 | TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up. Astronomical Journal, 2021, 162, 54.   | 1.9 | 25        |
| 67 | TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. Astronomical Journal, 2021, 162, 79.   | 1.9 | 25        |
| 68 | TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet*. Astronomical Journal, 2020, 160, 96.   | 1.9 | 25        |
| 69 | HATS-74Ab, HATS-75b, HATS-76b, and HATS-77b: Four Transiting Giant Planets Around K and M Dwarfs*. Astronomical Journal, 2022, 163, 125.   | 1.9 | 24        |
| 70 | LHS 1815b: The First Thick-disk Planet Detected by TESS. Astronomical Journal, 2020, 159, 160.   | 1.9 | 23        |
| 71 | The Hubble PanCET Program: Transit and Eclipse Spectroscopy of the Strongly Irradiated Giant Exoplanet WASP-76b. Astronomical Journal, 2021, 162, 108.                               | 1.9 | 23        |
| 72 | TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf. Astronomy and Astrophysics, 2021, 653, A60.  | 2.1 | 23        |

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|----|---|-----|-----------|
| 73 | TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. <i>Astronomical Journal</i> , 2020, 160, 235.   | 1.9 | 23        |
| 74 | A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , 2022, 163, 168.  | 1.9 | 23        |
| 75 | TOI-216b and TOI-216 c: Two Warm, Large Exoplanets in or Slightly Wide of the 2:1 Orbital Resonance. <i>Astronomical Journal</i> , 2019, 158, 65.   | 1.9 | 22        |
| 76 | TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021, 161, 194.  | 1.9 | 22        |
| 77 | TOI-1201 b: A mini-Neptune transiting a bright and moderately young M dwarf. <i>Astronomy and Astrophysics</i> , 2021, 656, A124.   | 2.1 | 22        |
| 78 | Precise Transit and Radial-velocity Characterization of a Resonant Pair: The Warm Jupiter TOI-216c and Eccentric Warm Neptune TOI-216b. <i>Astronomical Journal</i> , 2021, 161, 161.           | 1.9 | 21        |
| 79 | TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit. <i>Astronomical Journal</i> , 2021, 162, 256.   | 1.9 | 21        |
| 80 | A <i>TESS</i> Dress Rehearsal: Planetary Candidates and Variables from <i>K2</i> Campaign 17. <i>Astrophysical Journal</i> , Supplement Series, 2018, 239, 5.                                   | 3.0 | 20        |
| 81 | A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , 2021, 161, 235.  | 1.9 | 20        |
| 82 | Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , 2021, 162, 161.  | 1.9 | 20        |
| 83 | TESS Giants Transiting Giants. II. The Hottest Jupiters Orbiting Evolved Stars. <i>Astronomical Journal</i> , 2022, 163, 120.   | 1.9 | 20        |
| 84 | Mass and density of the transiting hot and rocky super-Earth LHS 1478 b (TOI-1640 b). <i>Astronomy and Astrophysics</i> , 2021, 649, A144.  | 2.1 | 19        |
| 85 | TIC 454140642: A Compact, Coplanar, Quadruple-lined Quadruple Star System Consisting of Two Eclipsing Binaries. <i>Astrophysical Journal</i> , 2021, 917, 93.                                   | 1.6 | 19        |
| 86 | TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2782-2803. | 1.6 | 19        |
| 87 | The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* â€. <i>Astrophysical Journal</i> , Supplement Series, 2021, 256, 33.   | 3.0 | 19        |
| 88 | Phase Curves of Hot Neptune LTT 9779b Suggest a High-metallicity Atmosphere. <i>Astrophysical Journal Letters</i> , 2020, 903, L7.  | 3.0 | 19        |
| 89 | A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. <i>Astronomical Journal</i> , 2021, 162, 222.  | 1.9 | 19        |
| 90 | The TESS-Keck Survey. VIII. Confirmation of a Transiting Giant Planet on an Eccentric 261 Day Orbit with the Automated Planet Finder Telescope*. <i>Astronomical Journal</i> , 2022, 163, 61.   | 1.9 | 19        |

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|-----|---|-----|-----------|
| 91  | A Bright Short Period M-M Eclipsing Binary from the KELT Survey: Magnetic Activity and the Mass-Radius Relationship for M Dwarfs. <i>Astrophysical Journal</i> , 2017, 844, 134.  | 1.6 | 18        |
| 92  | Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1. <i>Astrophysical Journal</i> , Supplement Series, 2021, 255, 6.   | 3.0 | 18        |
| 93  | TOI-1518b: A Misaligned Ultra-hot Jupiter with Iron in Its Atmosphere. <i>Astronomical Journal</i> , 2021, 162, 218.  | 1.9 | 18        |
| 94  | Three short-period Jupiters from TESS. <i>Astronomy and Astrophysics</i> , 2020, 639, A76.  | 2.1 | 17        |
| 95  | The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. <i>Astronomical Journal</i> , 2020, 160, 114.   | 1.9 | 17        |
| 96  | A dearth of small particles in the transiting material around the white dwarf WD 1145+017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4795-4809.   | 1.6 | 16        |
| 97  | TOI-150b and TOI-163b: two transiting hot Jupiters, one eccentric and one inflated, revealed by TESS near and at the edge of the JWST CVZ. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1094-1110. | 1.6 | 16        |
| 98  | TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , 2021, 920, L16.   | 3.0 | 16        |
| 99  | The TESS-Keck Survey: Science Goals and Target Selection. <i>Astronomical Journal</i> , 2022, 163, 297.   | 1.9 | 16        |
| 100 | KELT-24b: A 5M <sub>J</sub> Planet on a 5.6 day Well-aligned Orbit around the Young V <sub>A</sub> = $\hat{A}$ 8.3 F-star HD 93148. <i>Astronomical Journal</i> , 2019, 158, 197.   | 1.9 | 15        |
| 101 | A Habitable-zone Earth-sized Planet Rescued from False Positive Status. <i>Astrophysical Journal Letters</i> , 2020, 893, L27.  | 3.0 | 15        |
| 102 | TKS X: Confirmation of TOI-1444b and a Comparative Analysis of the Ultra-short-period Planets with Hot Neptunes. <i>Astronomical Journal</i> , 2021, 162, 62.   | 1.9 | 15        |
| 103 | HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away. <i>Astronomical Journal</i> , 2020, 160, 113.   | 1.9 | 15        |
| 104 | TOI-2257 b: A highly eccentric long-period sub-Neptune transiting a nearby M dwarf. <i>Astronomy and Astrophysics</i> , 2022, 657, A45.   | 2.1 | 15        |
| 105 | A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022, 163, 207.  | 1.9 | 15        |
| 106 | TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , 2020, 159, 243.   | 1.9 | 14        |
| 107 | TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. <i>Astronomical Journal</i> , 2021, 162, 87.   | 1.9 | 13        |
| 108 | TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. <i>Astronomical Journal</i> , 2021, 161, 85.  | 1.9 | 13        |

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|-----|--|-----|-----------|
| 109 | <i>TESS</i> discovery of a sub-Neptune orbiting a mid-M dwarf TOI-2136. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4120-4139.   | 1.6 | 13        |
| 110 | TOI 122b and TOI 237b: Two Small Warm Planets Orbiting Inactive M Dwarfs Found by TESS. <i>Astronomical Journal</i> , 2021, 161, 13.   | 1.9 | 12        |
| 111 | TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , 2021, 162, 215.  | 1.9 | 12        |
| 112 | TESS Giants Transiting Giants. I.: A Noninflated Hot Jupiter Orbiting a Massive Subgiant. <i>Astronomical Journal</i> , 2022, 163, 53.   | 1.9 | 12        |
| 113 | TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. <i>Astronomical Journal</i> , 2020, 160, 229.   | 1.9 | 11        |
| 114 | NEID Rossiterâ€“McLaughlin Measurement of TOI-1268b: A Young Warm Saturn Aligned with Its Cool Host Star. <i>Astrophysical Journal Letters</i> , 2022, 926, L7.  | 3.0 | 11        |
| 115 | TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars. <i>Astronomical Journal</i> , 2021, 162, 292.                               | 1.9 | 11        |
| 116 | A hot mini-Neptune in the radius valley orbiting solar analogue HDâ€“110113. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4842-4857.  | 1.6 | 10        |
| 117 | A Transiting, Temperate Mini-Neptune Orbiting the M Dwarf TOI-1759 Unveiled by TESS. <i>Astronomical Journal</i> , 2022, 163, 133.   | 1.9 | 10        |
| 118 | The Discovery of a Planetary Companion Interior to Hot Jupiter WASP-132 b. <i>Astronomical Journal</i> , 2022, 164, 13.  | 1.9 | 10        |
| 119 | Transit Timing Variations for AU Microscopii b and c. <i>Astronomical Journal</i> , 2022, 164, 27.   | 1.9 | 10        |
| 120 | A Multi-year Search for Transits of Proxima Centauri. I. Light Curves Corresponding to Published Ephemerides. <i>Astronomical Journal</i> , 2018, 155, 228.  | 1.9 | 9         |
| 121 | KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 13.  | 3.0 | 9         |
| 122 | Hot planets around cool stars â€“ two short-period mini-Neptunes transiting the late K-dwarf TOI-1260. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4684-4701.                      | 1.6 | 9         |
| 123 | TOI-1259Ab â€“ a gas giant planet with 2.7â€“perâ€“cent deep transits and a bound white dwarf companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4132-4148.                    | 1.6 | 9         |
| 124 | Discovery and mass measurement of the hot, transiting, Earth-sized planet, GJ 3929 b. <i>Astronomy and Astrophysics</i> , 2022, 659, A17.  | 2.1 | 9         |
| 125 | A low-eccentricity migration pathway for a 13-h-period Earth analogue in a four-planet system. <i>Nature Astronomy</i> , 2022, 6, 736-750.   | 4.2 | 9         |
| 126 | HDâ€“28109 hosts a trio of transiting Neptunian planets including a near-resonant pair, confirmed by ASTEP from Antarctica. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1328-1345. | 1.6 | 9         |



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|-----|---|-----|-----------|
| 127 | KELT-23Ab: A Hot Jupiter Transiting a Near-solar Twin Close to the TESS and JWST Continuous Viewing Zones. <i>Astronomical Journal</i> , 2019, 158, 78.                                       | 1.9 | 8         |
| 128 | Searching For Transiting Planets Around Halo Stars. ii. Constraining the Occurrence Rate of Hot Jupiters. <i>Astronomical Journal</i> , 2021, 162, 85.  | 1.9 | 8         |
| 129 | TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , 2021, 161, 82.                                       | 1.9 | 8         |
| 130 | Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.   | 1.9 | 8         |
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