# Alexis M S Smith

List of Publications by Year
in descending order

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Version: 2024-02-01

| 159 | 6,534 | 57758 | 110387 |
|---|---|---|---|
| papers | citations | 44 h-index | 64 g-index |

| 160 | 160 | 160 | 2840 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | WASP-3b: a strongly irradiated transiting gas-giant planet. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1576-1584. | 4.4 | 205 |
| 2 | The Next Generation Transit Survey (NGTS). Monthly Notices of the Royal Astronomical Society, 2018, 475, 4476-4493. | 4.4 | 189 |
| 3 | The CHEOPS mission. Experimental Astronomy, 2021, 51, 109-151. | 3.7 | 140 |
| 4 | WASP-43b: the closest-orbiting hot Jupiter. Astronomy and Astrophysics, 2011, 535, L7. | 5.1 | 134 |
| 5 | WASP-41b: A Transiting Hot Jupiter Planet Orbiting a Magnetically Active G8V Star. Publications of the Astronomical Society of the Pacific, 2011, 123, 547-554. | 3.1 | 132 |
| 6 | WASP-121Âb: a hot Jupiter close to tidal disruption transiting an active F star. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4025-4043. | 4.4 | 132 |
| 7 | WASP-30b: A 61 M <sub>Jup</sub> BROWN DWARF TRANSITING A V = 12, F8 STAR. Astrophysical Journal Letters, 2011, 726, L19. | 8.3 | 123 |
| 8 | Seven transiting hot Jupiters from WASP-South, Euler and TRAPPIST: WASP-47b, WASP-55b, WASP-61b, WASP-62b, WASP-63b, WASP-66b and WASP-67b. Monthly Notices of the Royal Astronomical Society, 2012, 426, 739-750. | 4.4 | 122 |
| 9 | Thermal emission at 4.5 and 8â€ƒÎ¼m of WASP-17b, an extremely large planet in a slightly eccentric orbit. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2108-2122. | 4.4 | 121 |
| 10 | WASP-14b: 7.3M<sub>J</sub>transiting planet in an eccentric orbit. Monthly Notices of the Royal Astronomical Society, 2009, 392, 1532-1538. | 4.4 | 105 |
| 11 | Three newly discovered sub-Jupiter-mass planets: WASP-69b and WASP-84b transit active K dwarfs and WASP-70Ab transits the evolved primary of a G4+K3 binaryâ€…â€. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1114-1129. | 4.4 | 99 |
| 12 | Transiting hot Jupiters from WASP-South, Euler and TRAPPIST: WASP-95b to WASP-101b. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1982-1992. | 4.4 | 99 |
| 13 | Six transiting planets and a chain of Laplace resonances in TOI-178. Astronomy and Astrophysics, 2021, 649, A26. | 5.1 | 94 |
| 14 | WASP-42Âb and WASP-49Âb: two new transiting sub-Jupiters. Astronomy and Astrophysics, 2012, 544, A72. | 5.1 | 94 |
| 15 | WASP-10b: a 3M<sub>J</sub>, gas-giant planet transiting a late-type K star. Monthly Notices of the Royal Astronomical Society, 2009, 392, 1585-1590. | 4.4 | 93 |
| 16 | SPITZEROBSERVATIONS OF THE THERMAL EMISSION FROM WASP-43b. Astrophysical Journal, 2014, 781, 116. | 4.5 | 91 |
| 17 | NGTS-1b: a hot Jupiter transiting an M-dwarf. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4467-4475. | 4.4 | 91 |
| 18 | WASP-44b, WASP-45b and WASP-46b: three short-period, transiting extrasolar planets. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1988-1998. | 4.4 | 89 |

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|---|---|---|---|
| 19 | Exoplanets around Low-mass Stars Unveiled by K2. Astronomical Journal, 2018, 155, 127. | 4.7 | 85 |
| 20 | Detectability of atmospheric features of Earth-like planets in the habitable zone around M dwarfs. Astronomy and Astrophysics, 2019, 624, A49. | 5.1 | 84 |
| 21 | WASP-80b has a dayside within the T-dwarf range. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2279-2290. | 4.4 | 79 |
| 22 | Three irradiated and bloated hot Jupiters:. Astronomy and Astrophysics, 2016, 585, A126. | 5.1 | 79 |
| 23 | WASP-103â€‰b: a new planet at the edge of tidal disruption. Astronomy and Astrophysics, 2014, 562, L3. | 5.1 | 76 |
| 24 | The Discovery and Mass Measurement of a New Ultra-short-period Planet: K2-131b. Astronomical Journal, 2017, 154, 226. | 4.7 | 74 |
| 25 | WASP-39b: a highly inflated Saturn-mass planet orbiting a late G-type star. Astronomy and Astrophysics, 2011, 531, A40. | 5.1 | 73 |
| 26 | WASP-80b: a gas giant transiting a cool dwarf. Astronomy and Astrophysics, 2013, 551, A80. | 5.1 | 73 |
| 27 | Thermal emission from WASP-33b, the hottest known planetâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2096-2101. | 4.4 | 71 |
| 28 | The Transiting Multi-planet System HD 3167: A 5.7 M<sub>âŠ•</sub> Super-Earth and an 8.3 M<sub>âŠ•</sub> Mini-Neptune. Astronomical Journal, 2017, 154, 123. | 4.7 | 71 |
| 29 | WASP-77 Ab: A Transiting Hot Jupiter Planet in a Wide Binary System1. Publications of the Astronomical Society of the Pacific, 2013, 125, 48-55. | 3.1 | 68 |
| 30 | WASP-35b, WASP-48b, AND HAT-P-30b/WASP-51b: TWO NEW PLANETS AND AN INDEPENDENT DISCOVERY OF A HAT PLANET. Astronomical Journal, 2011, 142, 86. | 4.7 | 67 |
| 31 | Secondary radio eclipse of the transiting planet HD 189733 b: an upper limit at 307-347 MHz. Monthly Notices of the Royal Astronomical Society, 2009, 395, 335-341. | 4.4 | 66 |
| 32 | INFRARED ECLIPSES OF THE STRONGLY IRRADIATED PLANET WASP-33b, AND OSCILLATIONS OF ITS HOST STAR. Astrophysical Journal, 2012, 754, 106. | 4.5 | 64 |
| 33 | Thermal emission at 3.6â€“8 Î¼m from WASP-19b: a hot Jupiter without a stratosphere orbiting an active star. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3422-3431. | 4.4 | 63 |
| 34 | Three Super-Earths Transiting the Nearby Star GJ 9827. Astronomical Journal, 2017, 154, 266. | 4.7 | 63 |
| 35 | High-frequency A-type pulsators discovered using SuperWASPâ˜…â€. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2078-2095. | 4.4 | 62 |
| 36 | The discoveries of WASP-91b, WASP-105b and WASP-107b: Two warm Jupiters and a planet in the transition region between ice giants and gas giants. Astronomy and Astrophysics, 2017, 604, A110. | 5.1 | 62 |

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| 37 | The impact of correlated noise on SuperWASP detection rates for transiting extrasolar planets. Monthly Notices of the Royal Astronomical Society, 2006, 373, 1151-1158. | 4.4 | 61 |
| 38 | The hot dayside and asymmetric transit of WASP-189 b seen by CHEOPS. Astronomy and Astrophysics, 2020, 643, A94. | 5.1 | 61 |
| 39 | WASP-36b: A NEW TRANSITING PLANET AROUND A METAL-POOR G-DWARF, AND AN INVESTIGATION INTO ANALYSES BASED ON A SINGLE TRANSIT LIGHT CURVE. Astronomical Journal, 2012, 143, 81. | 4.7 | 59 |
| 40 | THREE WASP-SOUTH TRANSITING EXOPLANETS: WASP-74b, WASP-83b, AND WASP-89b. Astronomical Journal, 2015, 150, 18. | 4.7 | 57 |
| 41 | K2-137 b: an Earth-sized planet in a 4.3-h orbit around an M-dwarf. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5523-5533. | 4.4 | 56 |
| 42 | SuperWASP observations of pulsating Am stars. Astronomy and Astrophysics, 2011, 535, A3. | 5.1 | 54 |
| 43 | WASP-78b and WASP-79b: two highly-bloated hot Jupiter-mass exoplanets orbiting F-type stars in Eridanus. Astronomy and Astrophysics, 2012, 547, A61. | 5.1 | 54 |
| 44 | K2-106, a system containing a metal-rich planet and a planet of lower density. Astronomy and Astrophysics, 2017, 608, A93. | 5.1 | 51 |
| 45 | Transit detection of the long-period volatile-rich super-Earth Î½2 Lupi d with CHEOPS. Nature Astronomy, 2021, 5, 775-787. | 10.1 | 51 |
| 46 | 44 Validated Planets from K2 Campaign 10. Astronomical Journal, 2018, 156, 78. | 4.7 | 50 |
| 47 | The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2018, 613, A41. | 5.1 | 49 |
| 48 | WASP-64â€‰b and WASP-72â€‰b: two new transiting highly irradiated giant planets. Astronomy and Astrophysics, 2013, 552, A82. | 5.1 | 49 |
| 49 | WASP-21b: a hot-Saturn exoplanet transiting a thick disc star. Astronomy and Astrophysics, 2010, 519, A98. | 5.1 | 47 |
| 50 | K2-99: a subgiant hosting a transiting warm Jupiter in an eccentric orbit and a long-period companion. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2708-2716. | 4.4 | 47 |
| 51 | K2-141 b. Astronomy and Astrophysics, 2018, 612, A95. | 5.1 | 47 |
| 52 | NGTS-4b: A sub-Neptune transiting in the desert. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5094-5103. | 4.4 | 47 |
| 53 | CHEOPS observations of the HD 108236 planetary system: a fifth planet, improved ephemerides, and planetary radii. Astronomy and Astrophysics, 2021, 646, A157. | 5.1 | 47 |
| 54 | WASP-37b: A 1.8M<sub>J</sub>EXOPLANET TRANSITING A METAL-POOR STAR. Astronomical Journal, 2011, 141, 8. | 4.7 | 46 |

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| 55 | Centroid vetting of transiting planet candidates from the Next Generation Transit Survey. Monthly Notices of the Royal Astronomical Society, 2017, 472, 295-307. | 4.4 | 46 |
| 56 | WASP-34b: a near-grazing transiting sub-Jupiter-mass exoplanet in a hierarchical triple system. Astronomy and Astrophysics, 2011, 526, A130. | 5.1 | 43 |
| 57 | K2-98b: A 32 M<sub>âŠ•</sub> NEPTUNE-SIZE PLANET IN A 10 DAY ORBIT TRANSITING AN F8 STAR. Astronomical Journal, 2016, 152, 193. | 4.7 | 43 |
| 58 | An ultrahot Neptune in the Neptune desert. Nature Astronomy, 2020, 4, 1148-1157. | 10.1 | 43 |
| 59 | WASP-31b: a low-density planet transiting a metal-poor, late-F-type dwarf star. Astronomy and Astrophysics, 2011, 531, A60. | 5.1 | 41 |
| 60 | WASP-40b: Independent Discovery of the 0.6ÂM<sub>Jup</sub>Transiting Exoplanet HAT-P-27b. Publications of the Astronomical Society of the Pacific, 2011, 123, 555-560. | 3.1 | 41 |
| 61 | WASP-94 A and B planets: hot-Jupiter cousins in a twin-star system. Astronomy and Astrophysics, 2014, 572, A49. | 5.1 | 41 |
| 62 | Three Small Planets Transiting a Hyades Star. Astronomical Journal, 2018, 155, 115. | 4.7 | 41 |
| 63 | THE WELL-ALIGNED ORBIT OF WASP-84b: EVIDENCE FOR DISK MIGRATION OF A HOT JUPITER. Astrophysical Journal Letters, 2015, 800, L9. | 8.3 | 40 |
| 64 | WASP-120 b, WASP-122 b, and WASP-123 b: Three Newly Discovered Planets from the WASP-South Survey. Publications of the Astronomical Society of the Pacific, 2016, 128, 064401. | 3.1 | 38 |
| 65 | Probing the atmosphere of a sub-Jovian planet orbiting a cool dwarf. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3123-3134. | 4.4 | 38 |
| 66 | K2-155: A Bright Metal-poor M Dwarf with Three Transiting Super-Earths. Astronomical Journal, 2018, 155, 124. | 4.7 | 38 |
| 67 | Analysis of Early Science observations with the CHaracterising ExOPlanets Satellite (CHEOPS) using<scp>pycheops</scp>. Monthly Notices of the Royal Astronomical Society, 2022, 514, 77-104. | 4.4 | 38 |
| 68 | The sub-Jupiter mass transiting exoplanet WASP-11b. Astronomy and Astrophysics, 2009, 502, 395-400. | 5.1 | 36 |
| 69 | WASP-50â€‰b: a hot Jupiter transiting a moderately active solar-type star. Astronomy and Astrophysics, 2011, 533, A88. | 5.1 | 36 |
| 70 | Eclipsing Am binary systems in the SuperWASP survey. Astronomy and Astrophysics, 2014, 564, A69. | 5.1 | 36 |
| 71 | K2-60b and K2-107b. A Sub-Jovian and a Jovian Planet from the K2 Mission. Astronomical Journal, 2017, 153, 130. | 4.7 | 36 |
| 72 | The changing face of AU Mic b: stellar spots, spin-orbit commensurability, and transit timing variations as seen by CHEOPS and TESS. Astronomy and Astrophysics, 2021, 654, A159. | 5.1 | 36 |

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| 73 | EPIC 219388192bâ€"An Inhabitant of the Brown Dwarf Desert in the Ruprecht 147 Open Cluster. Astronomical Journal, 2017, 153, 131. | 4.7 | 35 |
| 74 | K2-139 b: a low-mass warm Jupiter on a 29-d orbit transiting an active K0ÂV star. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1765-1776. | 4.4 | 35 |
| 75 | NGTS-7Ab: an ultrashort-period brown dwarf transiting a tidally locked and active M dwarf. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5146-5164. | 4.4 | 35 |
| 76 | NGTS clusters survey â€“ I. Rotation in the young benchmark open cluster Blanco 1. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1008-1024. | 4.4 | 35 |
| 77 | WASP-117b: a 10-day-period Saturn in an eccentric and misaligned orbit. Astronomy and Astrophysics, 2014, 568, A81. | 5.1 | 35 |
| 78 | WASP-20b and WASP-28b: a hot Saturn and a hot Jupiter in near-aligned orbits around solar-type stars. Astronomy and Astrophysics, 2015, 575, A61. | 5.1 | 31 |
| 79 | Warm Spitzer occultation photometry of WASP-26b at 3.6 and 4.5ÂÎ¼m. Monthly Notices of the Royal Astronomical Society, 2013, 432, 693-701. | 4.4 | 30 |
| 80 | Simultaneous TESS and NGTS transit observations of WASP-166â€‰b. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5872-5881. | 4.4 | 30 |
| 81 | CHEOPS precision phase curve of the Super-Earth 55 Cancri e. Astronomy and Astrophysics, 2021, 653, A173. | 5.1 | 30 |
| 82 | NGTS-11 b (TOI-1847 b): A Transiting Warm Saturn Recovered from a TESS Single-transit Event. Astrophysical Journal Letters, 2020, 898, L11. | 8.3 | 30 |
| 83 | GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. Science, 2021, 374, 1271-1275. | 12.6 | 30 |
| 84 | A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1043-1071. | 4.4 | 30 |
| 85 | INDEPENDENT DISCOVERY OF THE TRANSITING EXOPLANET HAT-P-14b. Astronomical Journal, 2011, 141, 161. | 4.7 | 29 |
| 86 | Transiting planets from WASP-South, Euler, and TRAPPIST. Astronomy and Astrophysics, 2014, 563, A143. | 5.1 | 29 |
| 87 | Super-Earth of 8M<sub>âŠ•</sub>in a 2.2-day orbit around the K5V star K2-216. Astronomy and Astrophysics, 2018, 618, A33. | 5.1 | 29 |
| 88 | The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. Astrophysical Journal Letters, 2019, 876, L24. | 8.3 | 29 |
| 89 | HD 219666 b: a hot-Neptune from TESS Sector 1. Astronomy and Astrophysics, 2019, 623, A165. | 5.1 | 29 |
| 90 | TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. Astronomical Journal, 2020, 159, 151. | 4.7 | 29 |

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| 91 | The atmosphere and architecture of WASP-189 b probed by its CHEOPS phase curve. Astronomy and Astrophysics, 2022, 659, A74. | 5.1 | 26 |
| 92 | HD 89345: a bright oscillating star hosting a transiting warm Saturn-sized planet observed by K2. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4866-4880. | 4.4 | 25 |
| 93 | Spi-OPS: Spitzer and CHEOPS confirm the near-polar orbit of MASCARA-1 b and reveal a hint of dayside reflection. Astronomy and Astrophysics, 2022, 658, A75. | 5.1 | 25 |
| 94 | K2-260 b: a hot Jupiter transiting an F star, and K2-261 b: a warm Saturn around a bright G star. Monthly Notices of the Royal Astronomical Society, 2018, 481, 596-612. | 4.4 | 24 |
| 95 | WASP-26b: a 1-Jupiter-mass planet around an early-G-type star. Astronomy and Astrophysics, 2010, 520, A56. | 5.1 | 23 |
| 96 | Automatic vetting of planet candidates from ground-based surveys: machine learning with NGTS. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4225-4237. | 4.4 | 23 |
| 97 | A temperature inversion in WASP-33b?. Astronomy and Astrophysics, 2015, 584, A75. | 5.1 | 22 |
| 98 | Anomalous microwave emission from spinning nanodiamonds around stars. Nature Astronomy, 2018, 2, 662-667. | 10.1 | 22 |
| 99 | Detection of the tidal deformation of WASP-103b at 3 Ïf with CHEOPS. Astronomy and Astrophysics, 2022, 657, A52. | 5.1 | 22 |
| 100 | Five transiting hot Jupiters discovered using WASP-South,Euler, and TRAPPIST: WASP-119â€‰b, WASP-124â€‰b, WASP-126â€‰b, WASP-129â€‰b, and WASP-133â€‰b. Astronomy and Astrophysics, 2016, 591, A55. | 5.1 | 21 |
| 101 | Mass determination of the 1:3:5 near-resonant planets transiting GJ 9827 (K2-135). Astronomy and Astrophysics, 2018, 618, A116. | 5.1 | 21 |
| 102 | A SuperWASP search for additional transiting planets in 24 known systems. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1827-1834. | 4.4 | 20 |
| 103 | WASP-71b: a bloated hot Jupiter in a 2.9-day, prograde orbit around an evolved F8 star. Astronomy and Astrophysics, 2013, 552, A120. | 5.1 | 20 |
| 104 | A Transiting Warm Giant Planet around the Young Active Star TOI-201. Astronomical Journal, 2021, 161, 235. | 4.7 | 20 |
| 105 | CHEOPS geometric albedo of the hot Jupiter HD 209458 b. Astronomy and Astrophysics, 2022, 659, L4. | 5.1 | 20 |
| 106 | Thermal emission from WASP-24b at 3.6 and 4.5Î¼m. Astronomy and Astrophysics, 2012, 545, A93. | 5.1 | 19 |
| 107 | WASP-104b and WASP-106b: two transiting hot Jupiters in 1.75-day and 9.3-day orbits. Astronomy and Astrophysics, 2014, 570, A64. | 5.1 | 19 |
| 108 | An estimate of the k<sub>2</sub> Love number of WASP-18Ab from its radial velocity measurements. Astronomy and Astrophysics, 2019, 623, A45. | 5.1 | 19 |

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| 109 | Greening of the brown-dwarf desert. Astronomy and Astrophysics, 2019, 628, A64. | 5.1 | 19 |
| 110 | TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2782-2803. | 4.4 | 19 |
| 111 | WASP-54b, WASP-56b, and WASP-57b: Three new sub-Jupiter mass planets from SuperWASP. Astronomy and Astrophysics, 2013, 551, A73. | 5.1 | 18 |
| 112 | Unmasking the hidden NGTS-3Ab: a hot Jupiter in an unresolved binary system. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4720-4737. | 4.4 | 18 |
| 113 | NGTS-10b: the shortest period hot Jupiter yet discovered. Monthly Notices of the Royal Astronomical Society, 2020, 493, 126-140. | 4.4 | 18 |
| 114 | Exploiting timing capabilities of the CHEOPS mission with warm-Jupiter planets. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3810-3830. | 4.4 | 18 |
| 115 | A search for transiting planets around hot subdwarfs. Astronomy and Astrophysics, 2021, 650, A205. | 5.1 | 18 |
| 116 | K2-290: a warm Jupiter and a mini-Neptune in a triple-star system. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3522-3536. | 4.4 | 17 |
| 117 | Shallow transit followâ€up from N<scp>extâ€Generation Transit Survey</scp>: Simultaneous observations of <scp>HD 106315</scp> with 11 identical telescopes. Astronomische Nachrichten, 2020, 341, 273-282. | 1.2 | 17 |
| 118 | The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. Astronomical Journal, 2020, 160, 114. | 4.7 | 17 |
| 119 | NGTS-2b: an inflated hot-Jupiter transiting a bright F-dwarf. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4960-4970. | 4.4 | 16 |
| 120 | K2-140b and K2-180b â€“ Characterization of a hot Jupiter and a mini-Neptune from theK2mission. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1807-1823. | 4.4 | 16 |
| 121 | The EBLM project â€“ VIII. First results for M-dwarf mass, radius, and effective temperature measurements using CHEOPS light curves. Monthly Notices of the Royal Astronomical Society, 2021, 506, 306-322. | 4.4 | 15 |
| 122 | NGTS-6b: an ultrashort period hot-Jupiter orbiting an old K dwarf. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4125-4134. | 4.4 | 14 |
| 123 | A long-period (P = 61.8 d) M5V dwarf eclipsing a Sun-like star from TESS and NGTS. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2713-2719. | 4.4 | 14 |
| 124 | The TOI-763 system: sub-Neptunes orbiting a Sun-like star. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4503-4517. | 4.4 | 14 |
| 125 | It Takes Two Planets in Resonance to Tango around K2-146. Astronomical Journal, 2020, 159, 120. | 4.7 | 14 |
| 126 | Detection and Doppler monitoring of K2-285 (EPIC 246471491), a system of four transiting planets smaller than Neptune. Astronomy and Astrophysics, 2019, 623, A41. | 5.1 | 13 |

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| 127 | NGTS-5b: a highly inflated planet offering insights into the sub-Jovian desert. Astronomy and Astrophysics, 2019, 625, A142. | 5.1 | 12 |
| 128 | The PLATO Solar-like Light-curve Simulator. Astronomy and Astrophysics, 2019, 624, A117. | 5.1 | 12 |
| 129 | NGTS-19b: a high-mass transiting brown dwarf in a 17-d eccentric orbit. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2741-2752. | 4.4 | 12 |
| 130 | The discovery of rapid oscillations in the magnetic Ap stars HDâ€ƒ69013 and HDâ€ƒ96237â˜…. Monthly Notices of the Royal Astronomical Society, 2011, 411, 978-982. | 4.4 | 11 |
| 131 | Detection and characterization of an ultra-dense sub-Neptunian planet orbiting the Sun-like star K2-292. Astronomy and Astrophysics, 2019, 623, A114. | 5.1 | 11 |
| 132 | NGTS-14Ab: a Neptune-sized transiting planet in the desert. Astronomy and Astrophysics, 2021, 646, A183. | 5.1 | 11 |
| 133 | A low-mass eclipsing binary within the fully convective zone from the Next Generation Transit Survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1897-1907. | 4.4 | 10 |
| 134 | NGTS and WASP photometric recovery of a single-transit candidate from TESS. Monthly Notices of the Royal Astronomical Society, 0, , . | 4.4 | 9 |
| 135 | Hot planets around cool stars â€“ two short-period mini-Neptunes transiting the late K-dwarf TOI-1260. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4684-4701. | 4.4 | 9 |
| 136 | Three planets transiting the evolved star EPIC 249893012: a hot 8.8-M<sub>âŠ•</sub> super-Earth and two warm 14.7 and 10.2-M<sub>âŠ•</sub> sub-Neptunes. Astronomy and Astrophysics, 2020, 636, A89. | 5.1 | 9 |
| 137 | A low-eccentricity migration pathway for a 13-h-period Earth analogue in a four-planet system. Nature Astronomy, 2022, 6, 736-750. | 10.1 | 9 |
| 138 | Orbital and physical parameters of eclipsing binaries from the ASAS catalogue â€“ XI. CHIRON investigation of long-period binaries. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4972-4988. | 4.4 | 8 |
| 139 | TOI-1670 b and c: An Inner Sub-Neptune with an Outer Warm Jupiter Unlikely to Have Originated from High-eccentricity Migration. Astronomical Journal, 2022, 163, 225. | 4.7 | 8 |
| 140 | Star-Planet Interactions. , 2009, , . | | 7 |
| 141 | The PDSâ€‰110 observing campaign â€“ photometric and spectroscopic observations reveal eclipses are aperiodic. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1614-1625. | 4.4 | 7 |
| 142 | Physical properties and optical-infrared transmission spectrum of the giant planet XO-1â€‰b. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4261-4276. | 4.4 | 6 |
| 143 | NGTS-12b: A sub-Saturn mass transiting exoplanet in a 7.53â€‰day orbit. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3139-3148. | 4.4 | 6 |
| 144 | Atmospheric Characterization via Broadband Color Filters on the PLAnetary Transits and Oscillations of stars (PLATO) Mission. Experimental Astronomy, 2020, 50, 1-49. | 3.7 | 6 |

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| 145 | Transit timings variations in the three-planet system: TOI-270. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5464-5485. | 4.4 | 6 |
| 146 | NGTS 15b, 16b, 17b, and 18b: four hot Jupiters from the Next-Generation Transit Survey. Monthly Notices of the Royal Astronomical Society, 2021, 504, 6018-6032. | 4.4 | 5 |
| 147 | Transit algorithm performance using real WASP data. Astronomy and Astrophysics, 2012, 548, A48. | 5.1 | 5 |
| 148 | K2-99 revisited: a non-inflated warm Jupiter, and a temperate giant planet on a 522-d orbit around a subgiant. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5035-5049. | 4.4 | 5 |
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