

Barry Smalley

List of Publications by Year in descending order

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215
papers

12,368
citations

28274

55
h-index

36028

97
g-index

217
all docs

217
docs citations

217
times ranked

4099
citing authors

#	ARTICLE	IF	CITATIONS
1	The WASP Project and the SuperWASP Cameras. Publications of the Astronomical Society of the Pacific, 2006, 118, 1407-1418.	3.1	965
2	Spin-orbit angle measurements for six southern transiting planets. Astronomy and Astrophysics, 2010, 524, A25.	5.1	357
3	Eclipsing binaries in open clusters - II. V453 Cyg in NGC 6871. Monthly Notices of the Royal Astronomical Society, 2004, 351, 1277-1289.	4.4	350
4	WASP-12b: THE HOTTEST TRANSITING EXTRASOLAR PLANET YET DISCOVERED. Astrophysical Journal, 2009, 693, 1920-1928.	4.5	314
5	The Kepler characterization of the variability among A- and F-type stars. Astronomy and Astrophysics, 2011, 534, A125.	5.1	263
6	Line-profile tomography of exoplanet transits - II. A gas-giant planet transiting a rapidly rotating A5 star.... Monthly Notices of the Royal Astronomical Society, 2010, 407, 507-514.	4.4	242
7	The first WASP public data release. Astronomy and Astrophysics, 2010, 520, L10.	5.1	240
8	WASP-1b and WASP-2b: two new transiting exoplanets detected with SuperWASP and SOPHIE. Monthly Notices of the Royal Astronomical Society, 2007, 375, 951-957.	4.4	235
9	An orbital period of 0.94 days for the hot-Jupiter planet WASP-18b. Nature, 2009, 460, 1098-1100.	27.8	217
10	WASP-3b: a strongly irradiated transiting gas-giant planet. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1576-1584.	4.4	205
11	Accurate fundamental parameters and detailed abundance patterns from spectroscopy of 93 solar-type Kepler targets.... Monthly Notices of the Royal Astronomical Society, 2012, 423, 122-131.	4.4	200
12	WASP-17b: AN ULTRA-LOW DENSITY PLANET IN A PROBABLE RETROGRADE ORBIT. Astrophysical Journal, 2010, 709, 159-167.	4.5	183
13	WASP-19b: THE SHORTEST PERIOD TRANSITING EXOPLANET YET DISCOVERED. Astrophysical Journal, 2010, 708, 224-231.	4.5	174
14	The TRAPPIST survey of southern transiting planets. Astronomy and Astrophysics, 2012, 542, A4.	5.1	155
15	Determining stellar macroturbulence using asteroseismic rotational velocities from Kepler. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3592-3602.	4.4	155
16	Eclipsing binaries in open clusters - III. V621 Per in ϵ Persei. Monthly Notices of the Royal Astronomical Society, 2004, 355, 986-994.	4.4	138
17	WASP-43b: the closest-orbiting hot Jupiter. Astronomy and Astrophysics, 2011, 535, L7.	5.1	134
18	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

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19	WASP-121Ab: 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
20	WASP-4b: A 12th Magnitude Transiting Hot Jupiter in the Southern Hemisphere. Astrophysical Journal, 2008, 675, L113-L116.	4.5	129
21	LAMOST OBSERVATIONS IN THE <i>KEPLER</i> FIELD. I. DATABASE OF LOW-RESOLUTION SPECTRA. Astrophysical Journal, Supplement Series, 2015, 220, 19.	7.7	129
22	<i>WASP-8b</i>: a retrograde transiting planet in a multiple system. Astronomy and Astrophysics, 2010, 517, L1.	5.1	124
23	Spitzer 3.6 and 4.5- μ m full-orbit light curves of WASP-18. Monthly Notices of the Royal Astronomical Society, 2013, 428, 2645-2660.	4.4	124
24	WASP-30b: A 61 <i>M</i> _{Jup} BROWN DWARF TRANSITING A <i>V</i> = 12, F8 STAR. Astrophysical Journal Letters, 2011, 726, L19.	8.3	123
25	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
26	Improved parameters for the transiting hot Jupiters WASP-4b and WASP-5b. Astronomy and Astrophysics, 2009, 496, 259-267.	5.1	121
27	Absolute dimensions of detached eclipsing binaries -- I. The metallic-lined system WW Aurigae. Monthly Notices of the Royal Astronomical Society, 2005, 363, 529-542.	4.4	119
28	An absolute sodium abundance for a cloud-free "hot Saturn" exoplanet. Nature, 2018, 557, 526-529.	27.8	114
29	Accurate spectroscopic parameters of WASP planet host stars... Monthly Notices of the Royal Astronomical Society, 2013, 428, 3164-3172.	4.4	106
30	WASP-14b: 7.3 <i>M</i> _J transiting planet in an eccentric orbit. Monthly Notices of the Royal Astronomical Society, 2009, 392, 1532-1538.	4.4	105
31	ON THE ORBIT OF THE SHORT-PERIOD EXOPLANET WASP-19b. Astrophysical Journal Letters, 2011, 730, L31.	8.3	100
32	Spectroscopic survey of Kepler stars... I. HERMES/Mercator observations of A- and F-type stars. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2764-2783.	4.4	100
33	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 binary... Monthly Notices of the Royal Astronomical Society, 2014, 445, 1114-1129.	4.4	99
34	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
35	WASP-52b, WASP-58b, WASP-59b, and WASP-60b: Four new transiting close-in giant planets. Astronomy and Astrophysics, 2013, 549, A134.	5.1	98
36	Eclipsing binaries in open clusters - I. V615 Per and V618 Per in h Persei. Monthly Notices of the Royal Astronomical Society, 2004, 349, 547-559.	4.4	94

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37	WASP-42b and WASP-49b: two new transiting sub-Jupiters. <i>Astronomy and Astrophysics</i> , 2012, 544, A72.	5.1	94
38	WASP-10b: a 3M _J , gas-giant planet transiting a late-type K star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 1585-1590.	4.4	93
39	WASP-44b, WASP-45b and WASP-46b: three short-period, transiting extrasolar planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1988-1998.	4.4	89
40	EL CVn-type binaries - discovery of 17 helium white dwarf precursors in bright eclipsing binary star systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1681-1697.	4.4	85
41	Are falling planets spinning up their host stars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 605-618.	4.4	80
42	The main-sequence rotation-colour relation in the Coma Berenices open cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 451-462.	4.4	79
43	Multi-periodic pulsations of a stripped red-giant star in an eclipsing binary system. <i>Nature</i> , 2013, 498, 463-465.	27.8	79
44	WASP-80b has a dayside within the T-dwarf range. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2279-2290.	4.4	79
45	Accurate fundamental parameters for 23 bright solar-type stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , no-no.	4.4	78
46	The first view of τ Scuti and β Doradus stars with the TESS mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4040-4059.	4.4	78
47	WASP-103b: a new planet at the edge of tidal disruption. <i>Astronomy and Astrophysics</i> , 2014, 562, L3.	5.1	76
48	Rossiter-McLaughlin models and their effect on estimates of stellar rotation, illustrated using six WASP systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 810-839.	4.4	75
49	WASP-80b: a gas giant transiting a cool dwarf. <i>Astronomy and Astrophysics</i> , 2013, 551, A80.	5.1	73
50	Discovery and characterization of WASP-6b, an inflated sub-Jupiter mass planet transiting a solar-type star. <i>Astronomy and Astrophysics</i> , 2009, 501, 785-792.	5.1	72
51	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
52	Thermal emission from WASP-33b, the hottest known planet... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 2096-2101.	4.4	71
53	WASP-South transiting exoplanets: WASP-130b, WASP-131b, WASP-132b, WASP-139b, WASP-140b, WASP-141b and WASP-142b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3693-3707.	4.4	70
54	Kepler photometry of KIC 10661783: a binary star with total eclipses and τ Scuti pulsations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2413-2423.	4.4	69

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55	Very regular high-frequency pulsation modes in young intermediate-mass stars. <i>Nature</i> , 2020, 581, 147-151.	27.8	69
56	WASP-77 Ab: A Transiting Hot Jupiter Planet in a Wide Binary System1. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 48-55.	3.1	68
57	Transmission spectroscopy of the sodium D^{TM} doublet in WASP-17b with the VLT... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2376-2382.	4.4	67
58	WASP-35b, WASP-48b, AND HAT-P-30b/WASP-51b: TWO NEW PLANETS AND AN INDEPENDENT DISCOVERY OF A HAT PLANET. <i>Astronomical Journal</i> , 2011, 142, 86.	4.7	67
59	THE LOW DENSITY TRANSITING EXOPLANET WASP-15b. <i>Astronomical Journal</i> , 2009, 137, 4834-4836.	4.7	65
60	WASP-1: a lithium- and metal-rich star with an oversized planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 773-778.	4.4	64
61	WASP-29b: A SATURN-SIZED TRANSITING EXOPLANET. <i>Astrophysical Journal Letters</i> , 2010, 723, L60-L63.	8.3	63
62	Thermal emission at $3.6\text{--}8\ \mu\text{m}$ from WASP-19b: a hot Jupiter without a stratosphere orbiting an active star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 3422-3431.	4.4	63
63	WASP-167b/KELT-13b: joint discovery of a hot Jupiter transiting a rapidly rotating F1V star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2743-2752.	4.4	63
64	High-frequency A-type pulsators discovered using SuperWASP... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2078-2095.	4.4	62
65	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. <i>Astronomy and Astrophysics</i> , 2017, 604, A110.	5.1	62
66	High-precision photometry by telescope defocusing - IV. Confirmation of the huge radius of WASP-17b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1338-1348.	4.4	61
67	ANALYSIS OF SPIN-ORBIT ALIGNMENT IN THE WASP-32, WASP-38, AND HAT-P-27/WASP-40 SYSTEMS. <i>Astrophysical Journal</i> , 2012, 760, 139.	4.5	60
68	Rossiter-McLaughlin effect measurements for WASP-16, WASP-25 and WASP-31... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1503-1520.	4.4	60
69	WASP-36b: A NEW TRANSITING PLANET AROUND A METAL-POOR G-DWARF, AND AN INVESTIGATION INTO ANALYSES BASED ON A SINGLE TRANSIT LIGHT CURVE. <i>Astronomical Journal</i> , 2012, 143, 81.	4.7	59
70	Discovery of a stripped red giant core in a bright eclipsing binary system... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 1156-1164.	4.4	58
71	THREE WASP-SOUTH TRANSITING EXOPLANETS: WASP-74b, WASP-83b, AND WASP-89b. <i>Astronomical Journal</i> , 2015, 150, 18.	4.7	57
72	The EBLM Project. <i>Astronomy and Astrophysics</i> , 2017, 608, A129.	5.1	56

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73	WASP-24 b: A NEW TRANSITING CLOSE-IN HOT JUPITER ORBITING A LATE F-STAR. <i>Astrophysical Journal</i> , 2010, 720, 337-343.	4.5	55
74	V838 Mon: an L supergiant?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 1054-1056.	4.4	54
75	SuperWASP observations of pulsating Am stars. <i>Astronomy and Astrophysics</i> , 2011, 535, A3.	5.1	54
76	Regularities in frequency spacings of δ Scuti stars: the Kepler star KIC 9700322.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1721-1731.	4.4	54
77	WASP-78b and WASP-79b: two highly-bloated hot Jupiter-mass exoplanets orbiting F-type stars in Eridanus. <i>Astronomy and Astrophysics</i> , 2012, 547, A61.	5.1	54
78	WASP-22 b: A TRANSITING "HOT JUPITER" PLANET IN A HIERARCHICAL TRIPLE SYSTEM. <i>Astronomical Journal</i> , 2010, 140, 2007-2012.	4.7	51
79	Colour-magnitude diagrams of transiting Exoplanets II. A larger sample from photometric distances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 711-728.	4.4	51
80	The mass and radius of the M-dwarf in the short-period eclipsing binary RR Caeli. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 919-928.	4.4	49
81	<i>SPITZER</i> OBSERVATIONS OF GJ 3470 b: A VERY LOW-DENSITY NEPTUNE-SIZE PLANET ORBITING A METAL-RICH M DWARF. <i>Astrophysical Journal</i> , 2013, 768, 154.	4.5	49
82	WASP-64b and WASP-72b: two new transiting highly irradiated giant planets. <i>Astronomy and Astrophysics</i> , 2013, 552, A82.	5.1	49
83	WASP-32b: A Transiting Hot Jupiter Planet Orbiting a Lithium-Poor, Solar-Type Star. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 1465-1470.	3.1	48
84	Spectrum analysis of bright Kepler Doradus candidate stars.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 2960-2968.	4.4	47
85	From dense hot Jupiter to low-density Neptune: The discovery of WASP-127b, WASP-136b, and WASP-138b. <i>Astronomy and Astrophysics</i> , 2017, 599, A3.	5.1	46
86	High-precision multiwavelength eclipse photometry of the ultra-hot gas giant exoplanet WASP-103b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 2334-2351.	4.4	46
87	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star γ Indi. <i>Nature Astronomy</i> , 2020, 4, 382-389.	10.1	46
88	A spectral atlas of post-main-sequence stars in ϵ Centauri: kinematics, evolution, enrichment and interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 382, 1353-1374.	4.4	45
89	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.	4.4	44
90	WASP-38b: a transiting exoplanet in an eccentric, 6.87d period orbit. <i>Astronomy and Astrophysics</i> , 2011, 525, A54.	5.1	43

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91	WASP-34b: a near-grazing transiting sub-Jupiter-mass exoplanet in a hierarchical triple system. <i>Astronomy and Astrophysics</i> , 2011, 526, A130.	5.1	43
92	THE HOMOGENEOUS STUDY OF TRANSITING SYSTEMS (HoSTS). I. THE PILOT STUDY OF WASP-13. <i>Astrophysical Journal</i> , 2013, 768, 79.	4.5	43
93	Eclipsing binary stars with a δ Scuti component. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 915-931.	4.4	43
94	New transiting hot Jupiters discovered by WASP-South, Euler/CORALIE, and TRAPPIST-South. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1379-1391.	4.4	43
95	WASP-40b: Independent Discovery of the $0.6 M_{\text{Jup}}$ Transiting Exoplanet HAT-P-27b. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 555-560.	3.1	41
96	A window on exoplanet dynamical histories: Rossiter-McLaughlin observations of WASP-13b and WASP-32b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 3392-3401.	4.4	41
97	WASP-94 A and B planets: hot-Jupiter cousins in a twin-star system. <i>Astronomy and Astrophysics</i> , 2014, 572, A49.	5.1	41
98	KIC 4768731: a bright long-period α Cen star in the Kepler field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3334-3345.	4.4	40
99	THE WELL-ALIGNED ORBIT OF WASP-84b: EVIDENCE FOR DISK MIGRATION OF A HOT JUPITER. <i>Astrophysical Journal Letters</i> , 2015, 800, L9.	8.3	40
100	The discovery of WASP-151b, WASP-153b, WASP-156b: Insights on giant planet migration and the upper boundary of the Neptunian desert. <i>Astronomy and Astrophysics</i> , 2018, 610, A63.	5.1	40
101	Machine-learning approaches to exoplanet transit detection and candidate validation in wide-field ground-based surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5534-5547.	4.4	40
102	WASP-92b, WASP-93b and WASP-118b: three new transiting close-in giant planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3276-3289.	4.4	39
103	Elemental abundances in the Blanco 1 open cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 272-282.	4.4	38
104	Asteroseismology of KIC 11754974: a high-amplitude δ Sct pulsator in a 343-d binary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2284-2297.	4.4	38
105	Pulsation versus metallicity in Am stars as revealed by LAMOST and WASP. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1-10.	4.4	38
106	Atmospheric parameters and pulsational properties for a sample of δ Sct, δ Dor and hybrid Kepler targets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 1167-1176.	4.4	37
107	Kepler observations of the high-amplitude δ Sct star V2367 Cyg. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 3028-3038.	4.4	37
108	Spectrum analysis of bright Kepler late B- to early F-stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 3685-3696.	4.4	37

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109	WASP-23b: a transiting hot Jupiter around a K dwarf and its Rossiter-McLaughlin effect. <i>Astronomy and Astrophysics</i> , 2011, 531, A24.	5.1	36
110	WASP-50b: a hot Jupiter transiting a moderately active solar-type star. <i>Astronomy and Astrophysics</i> , 2011, 533, A88.	5.1	36
111	WASP-117b: a 10-day-period Saturn in an eccentric and misaligned orbit. <i>Astronomy and Astrophysics</i> , 2014, 568, A81.	5.1	35
112	Infrared spectroscopy of Sakurai's object. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, L37-L41.	4.4	34
113	On the anomaly of Balmer line profiles of A-type stars. <i>Astronomy and Astrophysics</i> , 2002, 395, 601-609.	5.1	34
114	Spots on Am stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1378-1388.	4.4	34
115	WASP-20 IS A CLOSE VISUAL BINARY WITH A TRANSITING HOT JUPITER. <i>Astrophysical Journal Letters</i> , 2016, 833, L19.	8.3	34
116	Kepler observations of Am stars... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 792-800.	4.4	32
117	Discovery of Three New Transiting Hot Jupiters: WASP-161 b, WASP-163 b, and WASP-170 b. <i>Astronomical Journal</i> , 2019, 157, 43.	4.7	32
118	WASP-186 and WASP-187: two hot Jupiters discovered by SuperWASP and SOPHIE with additional observations by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 428-440.	4.4	32
119	Strong helium 10 830-Å... absorption in Sakurai's object (V4334 Sgr). <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 307, L11-L15.	4.4	31
120	WASP-20b and WASP-28b: a hot Saturn and a hot Jupiter in near-aligned orbits around solar-type stars. <i>Astronomy and Astrophysics</i> , 2015, 575, A61.	5.1	31
121	Warm Spitzer occultation photometry of WASP-26b at 3.6 and 4.5-4m. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 693-701.	4.4	30
122	Detection of Na, K, and H2O in the hazy atmosphere of WASP-6b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5449-5472.	4.4	30
123	INDEPENDENT DISCOVERY OF THE TRANSITING EXOPLANET HAT-P-14b. <i>Astronomical Journal</i> , 2011, 141, 161.	4.7	29
124	Transiting planets from WASP-South, Euler, and TRAPPIST. <i>Astronomy and Astrophysics</i> , 2014, 563, A143.	5.1	29
125	WASP-157b, a Transiting Hot Jupiter Observed with <i>K2</i> . <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 124403.	3.1	29
126	A search for non-pulsating, chemically normal stars in the δ Scuti instability strip using Kepler data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 3948-3959.	4.4	28

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127	KIC 7582608: a new Kepler α star with frequency variability. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2049-2062.	4.4	27
128	Absolute dimensions of detached eclipsing binaries - II. The metallic-lined system XY ϵ Ceti. Monthly Notices of the Royal Astronomical Society, 2011, 414, 3740-3750.	4.4	26
129	The EBLM project. Astronomy and Astrophysics, 2017, 604, L6.	5.1	26
130	WASP-128b: a transiting brown dwarf in the dynamical-tide regime. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5091-5097.	4.4	26
131	Sakurai's Object (V4334 Sgr): evolution of the dust shell from 1999 to 2001. Monthly Notices of the Royal Astronomical Society, 2002, 334, 875-882.	4.4	24
132	WASP-26b: a 1-Jupiter-mass planet around an early-G-type star. Astronomy and Astrophysics, 2010, 520, A56.	5.1	23
133	Spectroscopically resolving the Algol triple system. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4150-4161.	4.4	23
134	WASP-166b: a bloated super-Neptune transiting a V \hat{A} 9 star. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3067-3075.	4.4	23
135	Spectral evolution of V838 Monocerotis in the optical and near-infrared in early 2002. Monthly Notices of the Royal Astronomical Society, 2005, 360, 1281-1289.	4.4	21
136	Five transiting hot Jupiters discovered using WASP-South, <i>Euler</i> , and TRAPPIST: WASP-119 b , WASP-124 b , WASP-126 b , WASP-129 b , and WASP-133 b . Astronomy and Astrophysics, 2016, 591, A55.	5.1	21
137	The EBLM Project. Astronomy and Astrophysics, 2019, 625, A150.	5.1	21
138	The continuing saga of Sakurai's object (V4334 Sgr): dust production and helium line emission. Monthly Notices of the Royal Astronomical Society, 2000, 315, 595-599.	4.4	20
139	HD 24355 observed by the <i>Kepler K2</i> mission: a rapidly oscillating α star pulsating in a distorted quadrupole mode. Monthly Notices of the Royal Astronomical Society, 2016, 462, 876-892.	4.4	20
140	CK Vul: reborn perhaps, but not hibernating. Monthly Notices of the Royal Astronomical Society, 2002, 332, L35-L38.	4.4	19
141	Observations of convection in A-type stars. Proceedings of the International Astronomical Union, 2004, 2004, 131-138.	0.0	19
142	THE EXOTIC ECLIPSING NUCLEUS OF THE RING PLANETARY NEBULA SuWt 2. Astronomical Journal, 2010, 140, 1414-1427.	4.7	19
143	UBV(RI)C photometry of transiting planet hosting stars. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1039-1042.	4.4	19
144	Absolute dimensions of detached eclipsing binaries \hat{A} III. The metallic-lined system YZ \hat{A} Cassiopeiae. Monthly Notices of the Royal Astronomical Society, 2014, 438, 590-603.	4.4	19

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145	High-resolution Imaging of Transiting Extrasolar Planetary systems (HITEP). <i>Astronomy and Astrophysics</i> , 2018, 610, A20.	5.1	19
146	WASP-54b, WASP-56b, and WASP-57b: Three new sub-Jupiter mass planets from SuperWASP. <i>Astronomy and Astrophysics</i> , 2013, 551, A73.	5.1	18
147	Spectroscopic survey of Kepler stars – II. FIES/NOT observations of A- and F-type stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2870-2889.	4.4	18
148	Suppressed phase variations in a high amplitude rapidly oscillating Ap star pulsating in a distorted quadrupole mode. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 601-616.	4.4	18
149	Unmasking the hidden NGTS-3Ab: a hot Jupiter in an unresolved binary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4720-4737.	4.4	18
150	NGTS-10b: the shortest period hot Jupiter yet discovered. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 126-140.	4.4	18
151	KIC5950759: a high-amplitude δ Sct star with amplitude and frequency modulation near the terminal age main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4039-4053.	4.4	18
152	The Infrared Evolution of Sakurai's Object. <i>Astrophysics and Space Science</i> , 2002, 279, 39-49.	1.4	17
153	The EBLM project. <i>Astronomy and Astrophysics</i> , 2019, 626, A119.	5.1	17
154	NGTS-2b: an inflated hot-Jupiter transiting a bright F-dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4960-4970.	4.4	16
155	TESS cycle 1 observations of roAp stars with 2-min cadence data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1073-1110.	4.4	16
156	Solar-to-supersolar sodium and oxygen absolute abundances for a hot Saturn TM orbiting a metal-rich star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 3037-3058.	4.4	15
157	Warm high-velocity CO in the wind of Sakurai's Object (= V4334 Sgr). <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, L9-L12.	4.4	14
158	DETECTION OF SOLAR-LIKE OSCILLATIONS, OBSERVATIONAL CONSTRAINTS, AND STELLAR MODELS FOR δ CYG, THE BRIGHTEST STAR OBSERVED BY THE KEPLER MISSION. <i>Astrophysical Journal</i> , 2016, 831, 17.	4.5	14
159	The atmospheric parameters of FGK stars using wavelet analysis of CORALIE spectra. <i>Astronomy and Astrophysics</i> , 2018, 612, A111.	5.1	14
160	Discovery of WASP-174b: Doppler tomography of a near-grazing transit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 5307-5313.	4.4	14
161	WASP-South hot Jupiters: WASP-178b, WASP-184b, WASP-185b, and WASP-192b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1479-1487.	4.4	14
162	Three hot-Jupiters on the upper edge of the mass-radius distribution: WASP-177, WASP-181, and WASP-183. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5790-5799.	4.4	14

#	ARTICLE	IF	CITATIONS
163	Fundamental effective temperature measurements for eclipsing binary stars – I. Development of the method and application to AI Phoenicis. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2899-2909.	4.4	14
164	Discovery and characterization of the exoplanets WASP-148b and c. Astronomy and Astrophysics, 2020, 640, A32.	5.1	14
165	The effective temperatures of Am stars from the infrared flux method. Monthly Notices of the Royal Astronomical Society, 1993, 265, 1035-1041.	4.4	13
166	Whole Earth Telescope discovery of a strongly distorted quadrupole pulsation in the largest amplitude rapidly oscillating Ap star. Monthly Notices of the Royal Astronomical Society, 2018, 473, 91-104.	4.4	13
167	NGTS-5b: a highly inflated planet offering insights into the sub-Jovian desert. Astronomy and Astrophysics, 2019, 625, A142.	5.1	12
168	The chemical composition of IK Pegasi. Monthly Notices of the Royal Astronomical Society, 1996, 278, 688-696.	4.4	11
169	Infall and SiO emission in V838 Mon. Monthly Notices of the Royal Astronomical Society, 2005, 359, 624-628.	4.4	11
170	The discovery of rapid oscillations in the magnetic Ap stars HD 69013 and HD 96237.... Monthly Notices of the Royal Astronomical Society, 2011, 411, 978-982.	4.4	11
171	WASP-180Ab: Doppler tomography of a hot Jupiter orbiting the primary star in a visual binary. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2467-2474.	4.4	11
172	WASP-147b, 160Bb, 164b, and 165b: two hot Saturns and two Jupiters, including two planets with metal-rich hosts. Monthly Notices of the Royal Astronomical Society, 2019, 482, 301-312.	4.4	11
173	Spectroscopy of hot \hat{I}^3 Doradus and A-type hybrid Kepler candidates close to the hot border of the $\hat{I}^{\%}$ Scuti instability strip. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4518-4532.	4.4	11
174	Unusual high-frequency oscillations in the Kepler Scuti star KIC 4840675.... Monthly Notices of the Royal Astronomical Society, 2012, 424, 1187-1196.	4.4	10
175	WASP-169, WASP-171, WASP-175, and WASP-182: three hot Jupiters and one bloated sub-Saturn mass planet discovered by WASP-South. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2478-2487.	4.4	9
176	T Tauri stars in the SuperWASP and NSVS surveys. Monthly Notices of the Royal Astronomical Society, 2019, 483, 1642-1654.	4.4	9
177	The WASP-South search for transiting exoplanets. EPJ Web of Conferences, 2011, 11, 01004.	0.3	8
178	A spectroscopic study of the open cluster NGC 6250. Monthly Notices of the Royal Astronomical Society, 2017, 466, 613-627.	4.4	8
179	Pulsational activity on IK Pegasi. Monthly Notices of the Royal Astronomical Society, 1994, 267, 1045-1052.	4.4	7
180	Accurate fundamental parameters of eclipsing binary stars. Proceedings of the International Astronomical Union, 2004, 2004, 548-561.	0.0	7

#	ARTICLE	IF	CITATIONS
181	δ Bootis stars in the SuperWASP survey. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1241-1248.	4.4	7
182	The submillimetre evolution of V4334 Sgr (Sakurai's Object). Monthly Notices of the Royal Astronomical Society, 2004, 353, L41-L44.	4.4	6
183	The Homogeneous Study of Transiting Systems (HoSTS) – II. The influence of the line list on stellar parameters. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4850-4862.	4.4	6
184	SuperWASP dispositions and false positive catalogue. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4905-4915.	4.4	6
185	WASP-190b: Tomographic Discovery of a Transiting Hot Jupiter. Astronomical Journal, 2019, 157, 141.	4.7	6
186	Ground-based Transmission Spectroscopy with VLT FORS2: Evidence for Faculae and Clouds in the Optical Spectrum of the Warm Saturn WASP-110b. Astronomical Journal, 2021, 162, 88.	4.7	6
187	Possible detection of V4334 Sgr (Sakurai's Object) at 450 and 850 Å. Monthly Notices of the Royal Astronomical Society, 2002, 332, L69-L72.	4.4	5
188	Echelle observations of chromospheric activity in post-common-envelope binaries. Monthly Notices of the Royal Astronomical Society, 2002, 335, 593-609.	4.4	5
189	The measurement of rotational broadening in post-common-envelope binaries. Monthly Notices of the Royal Astronomical Society, 2002, 336, 611-620.	4.4	5
190	The chemical composition and binarity of $\hat{\iota}^2$ Crateris. Monthly Notices of the Royal Astronomical Society, 1997, 284, 457-464.	4.4	4
191	How peculiar is the $\tilde{A}\tilde{C}\tilde{A}$ -peculiar variable $\tilde{A}\tilde{C}\tilde{A}^{\text{TM}}$ DZ Crucis (Nova Cru 2003)? Monthly Notices of the Royal Astronomical Society, 2008, 386, 289-294.	4.4	4
192	HD 54272, a classical δ Bootis star and $\hat{\iota}^3$ Doradus pulsator. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1020-1026.	4.4	4
193	Two Transiting Hot Jupiters from the WASP Survey: WASP-150b and WASP-176b. Astronomical Journal, 2020, 159, 255.	4.7	4
194	The ASTRA spectrophotometer: A July 2004 progress report. Proceedings of the International Astronomical Union, 2004, 2004, 911-920.	0.0	3
195	Comparison of Different Methods for Determining Atmospheric Parameters of A and F Stars. International Astronomical Union Colloquium, 1993, 138, 182-186.	0.1	1
196	Sakurai's Object: the web page Open Discussion. Astrophysics and Space Science, 2002, 279, 187-188.	1.4	1
197	Modelling the dust around Sakurai's Object. Astrophysics and Space Science, 2002, 279, 139-147.	1.4	1
198	The distance to the Pleiades from the eclipsing binary HD 23642. Proceedings of the International Astronomical Union, 2004, 2004, 361-376.	0.0	1

#	ARTICLE	IF	CITATIONS
199	Effect of the microturbulence parameter on the Color-Magnitude Diagram. Proceedings of the International Astronomical Union, 2006, 2, 166-168.	0.0	1
200	On the Origin of the Abundance Anomalies in IK Peg. International Astronomical Union Colloquium, 1996, 158, 461-462.	0.1	0
201	Round Table Summary: Instrumentation and Data Processing. Symposium - International Astronomical Union, 2003, 210, 337-349.	0.1	0
202	The Li overabundance of J 37: diffusion or accretion?. Proceedings of the International Astronomical Union, 2004, 2004, 590-594.	0.0	0
203	Oxygen in the Blanco 1 open cluster. Nuclear Physics A, 2005, 758, 280-283.	1.5	0
204	Round table discussion of session B: observational probes of convection. Proceedings of the International Astronomical Union, 2006, 2, 144-147.	0.0	0
205	Stellar fluxes as probes of convection in stellar atmospheres. Proceedings of the International Astronomical Union, 2006, 2, 148-150.	0.0	0
206	Eclipsing binaries as a test for synthetic photometry. Proceedings of the International Astronomical Union, 2006, 2, 169-171.	0.0	0
207	A Planet of an A-Star: HD15082b. , 2011, , .		0
208	Stripped red giant cores in eclipsing binary star systems. EAS Publications Series, 2013, 64, 353-359.	0.3	0
209	The exotic eclipsing nucleus of the ring planetary nebula SuWt 2. EAS Publications Series, 2013, 64, 361-362.	0.3	0
210	Spin-Orbit Angles as a Probe to Orbital Evolution. Proceedings of the International Astronomical Union, 2013, 8, 399-400.	0.0	0
211	The HoSTS Project: A Homogeneous Study of Transiting Systems. Proceedings of the International Astronomical Union, 2013, 8, 285-286.	0.0	0
212	Asteroseismology with SuperWASP. Proceedings of the International Astronomical Union, 2013, 9, 39-42.	0.0	0
213	Rapidly varying A-type stars in the SuperWASP archive. Proceedings of the International Astronomical Union, 2013, 9, 423-424.	0.0	0
214	Spectroscopic survey of Kepler stars: high-resolution observations of A- and F-type stars. Proceedings of the International Astronomical Union, 2013, 9, 467-468.	0.0	0
215	Spitzer Dayside Emission of WASP-34b. Planetary Science Journal, 2022, 3, 86.	3.6	0