

John Barnes

List of Publications by Year in descending order

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31
papers

2,182
citations

361413

20
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

2097
citing authors

#	ARTICLE	IF	CITATIONS
1	A terrestrial planet candidate in a temperate orbit around Proxima Centauri. <i>Nature</i> , 2016, 536, 437-440.	27.8	1,033
2	Bayesian search for low-mass planets around nearby M dwarfs – estimates for occurrence rate based on global detectability statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 1545-1569.	4.4	124
3	A candidate super-Earth planet orbiting near the snow line of Barnard’s star. <i>Nature</i> , 2018, 563, 365-368.	27.8	109
4	Metallicities and activities of southern stars. <i>Astronomy and Astrophysics</i> , 2008, 485, 571-584.	5.1	90
5	First results from the Calan-Hertfordshire Extrasolar Planet Search: exoplanets and the discovery of an eccentric brown dwarf in the desert. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 911-917.	4.4	67
6	The origin of the excess transit absorption in the HD 189733 system: planet or star?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1012-1028.	4.4	67
7	Starspot patterns on the M dwarfs HK Aqr and RE 1816 +541. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 326, 950-958.	4.4	61
8	Precision radial velocities of 15 M5–M9 dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3094-3113.	4.4	61
9	Limits on the 2.2- μ m contrast ratio of the close-orbiting planet HD 189733b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 473-480.	4.4	54
10	STARSPOT DISTRIBUTIONS ON FULLY CONVECTIVE M DWARFS: IMPLICATIONS FOR RADIAL VELOCITY PLANET SEARCHES. <i>Astrophysical Journal</i> , 2015, 812, 42.	4.5	54
11	Is it possible to detect planets around young active G and K dwarfs?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2717-2731.	4.4	49
12	SALT observations of the chromospheric activity of transiting planet hosts: mass-loss and star-planet interactions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 738-748.	4.4	45
13	A search for molecules in the atmosphere of HD 189733b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 445-454.	4.4	43
14	Differential rotation and star-spot evolution on HK Aqr in 2001 and 2002. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 589-599.	4.4	42
15	The relation between stellar magnetic field geometry and chromospheric activity cycles – II The rapid 120-day magnetic cycle of ι , Bootis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5266-5271.	4.4	38
16	Surprisingly different star-spot distributions on the near equal-mass equal-rotation-rate stars in the M dwarf binary GJ 65 AB. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 811-823.	4.4	35
17	RedDots: a temperate 1.5 Earth-mass planet candidate in a compact multiterrestrial planet system around GJ 1061. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 536-550.	4.4	34
18	A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. <i>Science</i> , 2020, 368, 1477-1481.	12.6	27

#	ARTICLE	IF	CITATIONS
19	Differential rotation on both components of the pre-main-sequence binary system HD 155555. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1525-1536.	4.4	26
20	The relation between stellar magnetic field geometry and chromospheric activity cycles – I. The highly variable field of μ Eridani at activity minimum. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 471, L96-L100.	3.3	25
21	High-cadence spectroscopy of M-dwarfs – II. Searching for stellar pulsations with HARPS. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4268-4282.	4.4	16
22	An ablating 2.6 M_{Jup} planet in an eccentric binary from the Dispersed Matter Planet Project. Nature Astronomy, 2020, 4, 419-426.	10.1	16
23	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2022, 663, A27.	5.1	15
24	Dispersed Matter Planet Project discoveries of ablating planets orbiting nearby bright stars. Nature Astronomy, 2020, 4, 408-418.	10.1	14
25	A maximum entropy approach to detect close-in giant planets around active stars. Astronomy and Astrophysics, 2015, 584, A84.	5.1	14
26	A compact multi-planet system around a bright nearby star from the Dispersed Matter Planet Project. Nature Astronomy, 2020, 4, 399-407.	10.1	9
27	The first Doppler imaging of the active binary prototype RS Canum Venaticorum. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3647-3656.	4.4	7
28	A Possible Transit of a Disintegrating Exoplanet in the Nearby Multiplanet System DMPP-1. Astrophysical Journal Letters, 2020, 895, L17.	8.3	4
29	Exoplanet mass estimation for a sample of targets for the Ariel mission. Experimental Astronomy, 0, , 1.	3.7	1
30	Spectroscopic Characterisation of Close Orbiting Extrasolar Giant Planets. , 2009, , .		0
31	A Metal-biased Planet Search. , 2009, , .		0