

Christopher A Watson

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

812
citations

567281

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713466

21
g-index

23
all docs

23
docs citations

23
times ranked

1299
citing authors

#	ARTICLE	IF	CITATIONS
1	The Next Generation Transit Survey (NGTS). Monthly Notices of the Royal Astronomical Society, 2018, 475, 4476-4493.	4.4	189
2	NGTS-1b: a hot Jupiter transiting an M-dwarf. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4467-4475.	4.4	91
3	A remnant planetary core in the hot-Neptune desert. Nature, 2020, 583, 39-42.	27.8	73
4	A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. Astronomical Journal, 2020, 160, 3.	4.7	62
5	NGTS-4b: A sub-Neptune transiting in the desert. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5094-5103.	4.4	47
6	An ultrahot Neptune in the Neptune desert. Nature Astronomy, 2020, 4, 1148-1157.	10.1	43
7	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
8	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
9	Detection of a giant flare displaying quasi-periodic pulsations from a pre-main-sequence M star by the Next Generation Transit Survey. Monthly Notices of the Royal Astronomical Society, 2019, 482, 5553-5566.	4.4	33
10	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. Astronomical Journal, 2020, 160, 22.	4.7	33
11	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. Astronomical Journal, 2021, 162, 79.	4.7	25
12	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
13	Ground-based detection of G star superflares with NGTS. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4655-4664.	4.4	22
14	Stellar flares detected with the Next Generation Transit Survey. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3246-3264.	4.4	21
15	NGTS-10b: the shortest period hot Jupiter yet discovered. Monthly Notices of the Royal Astronomical Society, 2020, 493, 126-140.	4.4	18
16	Storms or systematics? The changing secondary eclipse depth of WASP-12b. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2397-2406.	4.4	16
17	Detection of a giant white-light flare on an L2.5 dwarf with the Next Generation Transit Survey. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 485, L136-L140.	3.3	15
18	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

#	ARTICLE	IF	CITATIONS
19	NGTS J214358.5+380102 – NGTS discovery of the most eccentric known eclipsing M-dwarf binary system. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3950-3961.	4.4	6
20	Periodic stellar variability from almost a million NGTS light curves. Monthly Notices of the Royal Astronomical Society, 2022, 513, 420-438.	4.4	6
21	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
22	Next Generation Transit Survey (NGTS). Proceedings of the International Astronomical Union, 2013, 8, 311-312.	0.0	0