

Richard Nelson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7031324/publications.pdf>

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10
papers

1,674
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

2064
citing authors

#	ARTICLE	IF	CITATIONS
1	The PLATO 2.0 mission. <i>Experimental Astronomy</i> , 2014, 38, 249-330.	3.7	912
2	A comparative study of disc-planet interaction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 529-558.	4.4	320
3	On the Tidal Interaction of a Solar-type Star with an Orbiting Companion: Excitation of g-Mode Oscillation and Orbital Evolution. <i>Astrophysical Journal</i> , 1998, 502, 788-801.	4.5	161
4	A candidate super-Earth planet orbiting near the snow line of Barnard's star. <i>Nature</i> , 2018, 563, 365-368.	27.8	109
5	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. <i>Science</i> , 2019, 365, 1441-1445.	12.6	78
6	A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. <i>Science</i> , 2020, 368, 1477-1481.	12.6	27
7	Migration of Jupiter-mass planets in low-viscosity discs. <i>Astronomy and Astrophysics</i> , 2021, 646, A166.	5.1	22
8	The role of planetary formation and evolution in shaping the composition of exoplanetary atmospheres. <i>Experimental Astronomy</i> , 2015, 40, 501-522.	3.7	20
9	Orbital alignment of circumbinary planets that form in misaligned circumbinary discs: the case of Kepler-413b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2547-2559.	4.4	16
10	Migration of Jupiter mass planets in discs with laminar accretion flows. <i>Astronomy and Astrophysics</i> , 2022, 658, A32.	5.1	9