

Jack Wisdom

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9578102/publications.pdf>

Version: 2024-02-01

22
papers

2,765
citations

471509

17
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	Symplectic maps for the n-body problem. <i>Astronomical Journal</i> , 1991, 102, 1528.	4.7	986
2	Chaotic behavior and the origin of the 31 Kirkwood gap. <i>Icarus</i> , 1983, 56, 51-74.	2.5	390
3	A perturbative treatment of motion near the 3/1 commensurability. <i>Icarus</i> , 1985, 63, 272-289.	2.5	242
4	Meteorites may follow a chaotic route to Earth. <i>Nature</i> , 1985, 315, 731-733.	27.8	166
5	Resonances in the Early Evolution of the Earth-Moon System. <i>Astronomical Journal</i> , 1998, 115, 1653-1663.	4.7	162
6	Tidal heating in Enceladus. <i>Icarus</i> , 2007, 188, 535-539.	2.5	142
7	Evolution of the Earth-Moon system. <i>Astronomical Journal</i> , 1994, 108, 1943.	4.7	137
8	Coupled thermal-orbital evolution of the early Moon. <i>Icarus</i> , 2010, 208, 1-10.	2.5	89
9	Tidal dissipation at arbitrary eccentricity and obliquity. <i>Icarus</i> , 2008, 193, 637-640.	2.5	81
10	Tidal evolution of Mimas, Enceladus, and Dione. <i>Icarus</i> , 2008, 193, 213-223.	2.5	69
11	Early evolution of the Earth-Moon system with a fast-spinning Earth. <i>Icarus</i> , 2015, 256, 138-146.	2.5	62
12	Evidence for a Past High-Eccentricity Lunar Orbit. <i>Science</i> , 2006, 313, 652-655.	12.6	55
13	Coupled orbital-thermal evolution of the early Earth-Moon system with a fast-spinning Earth. <i>Icarus</i> , 2017, 281, 90-102.	2.5	54
14	Swimming in Spacetime: Motion by Cyclic Changes in Body Shape. <i>Science</i> , 2003, 299, 1865-1869.	12.6	29
15	A fast and accurate universal Kepler solver without Stumpff series. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3016-3024.	4.4	25
16	Episodic volcanism on Enceladus: Application of the Ojakangas-Stevenson model. <i>Icarus</i> , 2008, 198, 178-180.	2.5	23
17	RESOLVING THE PERICENTER. <i>Astronomical Journal</i> , 2015, 150, 127.	4.7	19
18	Meteorite transport-Revisited. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1660-1668.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Symplectic test particle encounters: a comparison of methods. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2350-2355.	4.4	10
20	Vertical angular momentum constraint on lunar formation and orbital history. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15460-15464.	7.1	10
21	Dynamic Elastic Tides. Celestial Mechanics and Dynamical Astronomy, 2016, 126, 1-30.	1.4	3
22	Meteorite transportâ€™Revisited II. Meteoritics and Planetary Science, 2020, 55, 766-770.	1.6	1