

Jack Wisdom

List of Publications by Year in descending order

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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 | 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 |
| 2 | Meteorite transport—Revisited II. Meteoritics and Planetary Science, 2020, 55, 766-770. | 1.6 | 1 |
| 3 | Meteorite transport—Revisited. Meteoritics and Planetary Science, 2017, 52, 1660-1668. | 1.6 | 10 |
| 4 | Symplectic test particle encounters: a comparison of methods. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2350-2355. | 4.4 | 10 |
| 5 | Coupled orbital-thermal evolution of the early Earth-Moon system with a fast-spinning Earth. Icarus, 2017, 281, 90-102. | 2.5 | 54 |
| 6 | Dynamic Elastic Tides. Celestial Mechanics and Dynamical Astronomy, 2016, 126, 1-30. | 1.4 | 3 |
| 7 | RESOLVING THE PERICENTER. Astronomical Journal, 2015, 150, 127. | 4.7 | 19 |
| 8 | Early evolution of the Earth—Moon system with a fast-spinning Earth. Icarus, 2015, 256, 138-146. | 2.5 | 62 |
| 9 | A fast and accurate universal Kepler solver without Stumpff series. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3016-3024. | 4.4 | 25 |
| 10 | Coupled thermal—orbital evolution of the early Moon. Icarus, 2010, 208, 1-10. | 2.5 | 89 |
| 11 | Tidal dissipation at arbitrary eccentricity and obliquity. Icarus, 2008, 193, 637-640. | 2.5 | 81 |
| 12 | Tidal evolution of Mimas, Enceladus, and Dione. Icarus, 2008, 193, 213-223. | 2.5 | 69 |
| 13 | Episodic volcanism on Enceladus: Application of the Ojakangas—Stevenson model. Icarus, 2008, 198, 178-180. | 2.5 | 23 |
| 14 | Tidal heating in Enceladus. Icarus, 2007, 188, 535-539. | 2.5 | 142 |
| 15 | Evidence for a Past High-Eccentricity Lunar Orbit. Science, 2006, 313, 652-655. | 12.6 | 55 |
| 16 | Swimming in Spacetime: Motion by Cyclic Changes in Body Shape. Science, 2003, 299, 1865-1869. | 12.6 | 29 |
| 17 | Resonances in the Early Evolution of the Earth-Moon System. Astronomical Journal, 1998, 115, 1653-1663. | 4.7 | 162 |
| 18 | Evolution of the Earth-Moon system. Astronomical Journal, 1994, 108, 1943. | 4.7 | 137 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Symplectic maps for the n-body problem. <i>Astronomical Journal</i> , 1991, 102, 1528. | 4.7 | 986 |
| 20 | Meteorites may follow a chaotic route to Earth. <i>Nature</i> , 1985, 315, 731-733. | 27.8 | 166 |
| 21 | A perturbative treatment of motion near the 3/1 commensurability. <i>Icarus</i> , 1985, 63, 272-289. | 2.5 | 242 |
| 22 | Chaotic behavior and the origin of the 3:1 Kirkwood gap. <i>Icarus</i> , 1983, 56, 51-74. | 2.5 | 390 |