

Peter Scheirich

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,530
citations

430874

18
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	Radar Imaging of Binary Near-Earth Asteroid (66391) 1999 KW4. <i>Science</i> , 2006, 314, 1276-1280.	12.6	254
2	Photometric survey of binary near-Earth asteroids. <i>Icarus</i> , 2006, 181, 63-93.	2.5	250
3	Tumbling asteroids. <i>Icarus</i> , 2005, 173, 108-131.	2.5	127
4	Dynamical Configuration of Binary Near-Earth Asteroid (66391) 1999 KW4. <i>Science</i> , 2006, 314, 1280-1283.	12.6	119
5	The Double Asteroid Redirection Test (DART): Planetary Defense Investigations and Requirements. <i>Planetary Science Journal</i> , 2021, 2, 173.	3.6	110
6	Science case for the Asteroid Impact Mission (AIM): A component of the Asteroid Impact & Deflection Assessment (AIDA) mission. <i>Advances in Space Research</i> , 2016, 57, 2529-2547.	2.6	95
7	The tumbling spin state of (99942) Apophis. <i>Icarus</i> , 2014, 233, 48-60.	2.5	87
8	Modeling of lightcurves of binary asteroids. <i>Icarus</i> , 2009, 200, 531-547.	2.5	77
9	Binary asteroid population. 3. Secondary rotations and elongations. <i>Icarus</i> , 2016, 267, 267-295.	2.5	76
10	The shape and rotation of asteroid 2008 TC ₃ . <i>Meteoritics and Planetary Science</i> , 2010, 45, 1804-1811.	1.6	44
11	Goldstone and Arecibo radar observations of (99942) Apophis in 2012–2013. <i>Icarus</i> , 2018, 300, 115-128.	2.5	42
12	Thermal infrared observations of asteroid (99942) Apophis with <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2014, 566, A22.	5.1	36
13	The binary near-Earth Asteroid (175706) 1996 FG ₃ – An observational constraint on its orbital evolution. <i>Icarus</i> , 2015, 245, 56-63.	2.5	35
14	Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries. <i>Icarus</i> , 2012, 218, 125-143.	2.5	33
15	The Yarkovsky effect for 99942 Apophis. <i>Icarus</i> , 2015, 252, 277-283.	2.5	33
16	Preimpact Mutual Orbit of the DART Target Binary Asteroid (65803) Didymos Derived from Observations of Mutual Events in 2003–2021. <i>Planetary Science Journal</i> , 2022, 3, 163.	3.6	23
17	Using a discrete element method to investigate seismic response and spin change of 99942 Apophis during its 2029 tidal encounter with Earth. <i>Icarus</i> , 2019, 328, 93-103.	2.5	22
18	Internal structure and physical properties of the Asteroid 2008 TC ₃ inferred from a study of the Almahata Sitta meteorites. <i>Icarus</i> , 2011, 212, 697-700.	2.5	20

#	ARTICLE	IF	CITATIONS
19	Photometric observations of Earth-impacting asteroid 2008 TC ₃ . Meteoritics and Planetary Science, 2011, 46, 534-542.	1.6	15
20	Two Periods of 1999 HF1—Another Binary NEA Candidate. Icarus, 2002, 158, 276-280.	2.5	13
21	The small binary asteroid (939) Isberga. Icarus, 2015, 248, 516-525.	2.5	12
22	Discovery, photometry, and astrometry of 49 classical nova candidates in M81 galaxy. Astronomy and Astrophysics, 2008, 492, 301-317.	5.1	4
23	Small binary asteroids and prospects for their observations with Gaia. Planetary and Space Science, 2012, 73, 56-61.	1.7	3