

Patrick A Taylor

List of Publications by Year in descending order

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34
papers

1,445
citations

394286

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times ranked

1228
citing authors

#	ARTICLE	IF	CITATIONS
1	Orbit and bulk density of the OSIRIS-REx target Asteroid (101955) Bennu. <i>Icarus</i> , 2014, 235, 5-22.	1.1	193
2	Spin Rate of Asteroid (54509) 2000 PH5 Increasing Due to the YORP Effect. <i>Science</i> , 2007, 316, 274-277.	6.0	147
3	Direct Detection of the Asteroidal YORP Effect. <i>Science</i> , 2007, 316, 272-274.	6.0	146
4	Near-Earth asteroid surface roughness depends on compositional class. <i>Icarus</i> , 2008, 198, 294-304.	1.1	102
5	Radar observations and shape model of asteroid 16 Psyche. <i>Icarus</i> , 2017, 281, 388-403.	1.1	87
6	Radar observations and the shape of near-Earth asteroid 2008 EV5. <i>Icarus</i> , 2011, 212, 649-660.	1.1	77
7	Radar and optical observations and physical modeling of triple near-Earth Asteroid (136617) 1994 CC. <i>Icarus</i> , 2011, 216, 241-256.	1.1	56
8	RADAR OBSERVATIONS OF COMET 103P/HARTLEY 2. <i>Astrophysical Journal Letters</i> , 2011, 734, L2.	3.0	55
9	A radar survey of M- and X-class asteroids. III. Insights into their composition, hydration state, & structure. <i>Icarus</i> , 2015, 245, 38-55.	1.1	48
10	Binary asteroid systems: Tidal end states and estimates of material properties. <i>Icarus</i> , 2011, 212, 661-676.	1.1	46
11	Radar and photometric observations and shape modeling of contact binary near-Earth Asteroid (8567) 1996 HW1. <i>Icarus</i> , 2011, 214, 210-227.	1.1	46
12	ORBITS OF NEAR-EARTH ASTEROID TRIPLES 2001 SN263 AND 1994 CC: PROPERTIES, ORIGIN, AND EVOLUTION. <i>Astronomical Journal</i> , 2011, 141, 154.	1.9	45
13	Yarkovsky Drift Detections for 247 Near-Earth Asteroids. <i>Astronomical Journal</i> , 2020, 159, 92.	1.9	43
14	Goldstone and Arecibo radar observations of (99942) Apophis in 2012â€“2013. <i>Icarus</i> , 2018, 300, 115-128.	1.1	42
15	Arecibo radar observations of near-Earth asteroid (3200) Phaethon during the 2017 apparition. <i>Planetary and Space Science</i> , 2019, 167, 1-8.	0.9	42
16	Physical modeling of triple near-Earth Asteroid (153591) 2001 SN263 from radar and optical light curve observations. <i>Icarus</i> , 2015, 248, 499-515.	1.1	39
17	Tidal evolution of close binary asteroid systems. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2010, 108, 315-338.	0.5	32
18	A revised shape model of asteroid (216) Kleopatra. <i>Icarus</i> , 2018, 311, 197-209.	1.1	25

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19	CAPABILITIES OF EARTH-BASED RADAR FACILITIES FOR NEAR-EARTH ASTEROID OBSERVATIONS. <i>Astronomical Journal</i> , 2016, 152, 99.	1.9	23
20	Asteroid 1566 Icarus's Size, Shape, Orbit, and Yarkovsky Drift from Radar Observations. <i>Astronomical Journal</i> , 2017, 153, 108.	1.9	18
21	Asteroid 16 Psyche: Shape, Features, and Global Map. <i>Planetary Science Journal</i> , 2021, 2, 125.	1.5	18
22	Tidal end states of binary asteroid systems with a nonspherical component. <i>Icarus</i> , 2014, 229, 418-422.	1.1	17
23	Radar imaging and physical characterization of near-Earth Asteroid (162421) 2000 ET70. <i>Icarus</i> , 2013, 226, 323-335.	1.1	15
24	Radar observations of Asteroids 64 Angelina and 69 Hesperia. <i>Icarus</i> , 2011, 215, 547-551.	1.1	13
25	PHYSICAL CHARACTERIZATION OF $\hat{\sim}$ 42 m DIAMETER NEAR-EARTH ASTEROID 2015 TC25: A POSSIBLE BOULDER FROM E-TYPE ASTEROID (44) NYSA. <i>Astronomical Journal</i> , 2016, 152, 162.	1.9	13
26	Arecibo S-band Radar Characterization of Local-scale Heterogeneities within Mercury's North Polar Deposits. <i>Planetary Science Journal</i> , 2022, 3, 62.	1.5	11
27	Thermal properties and an improved shape model for near-Earth asteroid (162421) 2000 ET70. <i>Icarus</i> , 2017, 292, 22-35.	1.1	10
28	Near-earth asteroid (66391) Moshup (1999 KW4) observing campaign: Results from a global planetary defense characterization exercise. <i>Icarus</i> , 2022, 374, 114790.	1.1	10
29	Goldstone radar evidence for short-axis mode non-principal-axis rotation of near-Earth asteroid (214869) 2007 PA8. <i>Icarus</i> , 2017, 286, 314-329.	1.1	6
30	Arecibo Radar Astrometry of the Galilean Satellites from 1999 to 2016. <i>Astronomical Journal</i> , 2020, 159, 149.	1.9	5
31	Arecibo and Goldstone radar images of near-Earth Asteroid (469896) 2005 WC1. <i>Icarus</i> , 2018, 300, 12-20.	1.1	4
32	Radar and Lightcurve Observations and a Physical Model of Potentially Hazardous Asteroid 1981 Midas. <i>Planetary Science Journal</i> , 2022, 3, 35.	1.5	4
33	Apophis Planetary Defense Campaign. <i>Planetary Science Journal</i> , 2022, 3, 123.	1.5	4
34	Radar and Optical Characterization of Near-Earth Asteroid 2019 OK. <i>Planetary Science Journal</i> , 2022, 3, 138.	1.5	3