

Patrick A Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,445
citations

394286

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377752

34
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docs citations

34
times ranked

1228
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Apophis Planetary Defense Campaign. <i>Planetary Science Journal</i> , 2022, 3, 123. | 1.5 | 4 |
| 5 | Radar and Optical Characterization of Near-Earth Asteroid 2019 OK. <i>Planetary Science Journal</i> , 2022, 3, 138. | 1.5 | 3 |
| 6 | Asteroid 16 Psyche: Shape, Features, and Global Map. <i>Planetary Science Journal</i> , 2021, 2, 125. | 1.5 | 18 |
| 7 | Arecibo Radar Astrometry of the Galilean Satellites from 1999 to 2016. <i>Astronomical Journal</i> , 2020, 159, 149. | 1.9 | 5 |
| 8 | Yarkovsky Drift Detections for 247 Near-Earth Asteroids. <i>Astronomical Journal</i> , 2020, 159, 92. | 1.9 | 43 |
| 9 | 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 |
| 10 | A revised shape model of asteroid (216) Kleopatra. <i>Icarus</i> , 2018, 311, 197-209. | 1.1 | 25 |
| 11 | Arecibo and Goldstone radar images of near-Earth Asteroid (469896) 2005 WC1. <i>Icarus</i> , 2018, 300, 12-20. | 1.1 | 4 |
| 12 | Goldstone and Arecibo radar observations of (99942) Apophis in 2012-2013. <i>Icarus</i> , 2018, 300, 115-128. | 1.1 | 42 |
| 13 | Asteroid 1566 Icarus's Size, Shape, Orbit, and Yarkovsky Drift from Radar Observations. <i>Astronomical Journal</i> , 2017, 153, 108. | 1.9 | 18 |
| 14 | Thermal properties and an improved shape model for near-Earth asteroid (162421) 2000 ET70. <i>Icarus</i> , 2017, 292, 22-35. | 1.1 | 10 |
| 15 | 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 |
| 16 | Radar observations and shape model of asteroid 16 Psyche. <i>Icarus</i> , 2017, 281, 388-403. | 1.1 | 87 |
| 17 | PHYSICAL CHARACTERIZATION OF $\approx 1/2$ 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 |
| 18 | CAPABILITIES OF EARTH-BASED RADAR FACILITIES FOR NEAR-EARTH ASTEROID OBSERVATIONS. <i>Astronomical Journal</i> , 2016, 152, 99. | 1.9 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Orbit and bulk density of the OSIRIS-REx target Asteroid (101955) Bennu. <i>Icarus</i> , 2014, 235, 5-22. | 1.1 | 193 |
| 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 COMET 103P/HARTLEY 2. <i>Astrophysical Journal Letters</i> , 2011, 734, L2. | 3.0 | 55 |
| 25 | Radar observations of Asteroids 64 Angelina and 69 Hesperia. <i>Icarus</i> , 2011, 215, 547-551. | 1.1 | 13 |
| 26 | 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 |
| 27 | Binary asteroid systems: Tidal end states and estimates of material properties. <i>Icarus</i> , 2011, 212, 661-676. | 1.1 | 46 |
| 28 | Radar observations and the shape of near-Earth asteroid 2008 EV5. <i>Icarus</i> , 2011, 212, 649-660. | 1.1 | 77 |
| 29 | 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 |
| 30 | 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 |
| 31 | Tidal evolution of close binary asteroid systems. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2010, 108, 315-338. | 0.5 | 32 |
| 32 | Near-Earth asteroid surface roughness depends on compositional class. <i>Icarus</i> , 2008, 198, 294-304. | 1.1 | 102 |
| 33 | Direct Detection of the Asteroidal YORP Effect. <i>Science</i> , 2007, 316, 272-274. | 6.0 | 146 |
| 34 | Spin Rate of Asteroid (54509) 2000 PH5 Increasing Due to the YORP Effect. <i>Science</i> , 2007, 316, 274-277. | 6.0 | 147 |