

Grzegorz Dudziński

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

581
citations

687363

13
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	The size, shape, density and ring of the dwarf planet Haumea from a stellar occultation. <i>Nature</i> , 2017, 550, 219-223.	27.8	179
2	VLT/SPHERE imaging survey of the largest main-belt asteroids: Final results and synthesis. <i>Astronomy and Astrophysics</i> , 2021, 654, A56.	5.1	50
3	A basin-free spherical shape as an outcome of a giant impact on asteroid Hygiea. <i>Nature Astronomy</i> , 2020, 4, 136-141.	10.1	38
4	The impact crater at the origin of the Julia family detected with VLT/SPHERE?. <i>Astronomy and Astrophysics</i> , 2018, 618, A154.	5.1	29
5	Photometric survey, modelling, and scaling of long-period and low-amplitude asteroids. <i>Astronomy and Astrophysics</i> , 2018, 610, A7.	5.1	26
6	The violent collisional history of aqueously evolved (2) Pallas. <i>Nature Astronomy</i> , 2020, 4, 569-576.	10.1	26
7	Asteroid (16) Psyche's primordial shape: A possible Jacobi ellipsoid. <i>Astronomy and Astrophysics</i> , 2020, 638, L15.	5.1	25
8	Closing the gap between Earth-based and interplanetary mission observations: Vesta seen by VLT/SPHERE. <i>Astronomy and Astrophysics</i> , 2019, 623, A6.	5.1	20
9	(216) Kleopatra, a low density critically rotating M-type asteroid. <i>Astronomy and Astrophysics</i> , 2021, 653, A57.	5.1	20
10	Shaping asteroid models using genetic evolution (SAGE). <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5050-5065.	4.4	17
11	Optical observations of NEA 3200 Phaethon (1983 TB) during the 2017 apparition. <i>Astronomy and Astrophysics</i> , 2018, 619, A123.	5.1	16
12	Binary asteroid (31) Euphrosyne: ice-rich and nearly spherical. <i>Astronomy and Astrophysics</i> , 2020, 641, A80.	5.1	16
13	(704) Interamnia: a transitional object between a dwarf planet and a typical irregular-shaped minor body. <i>Astronomy and Astrophysics</i> , 2020, 633, A65.	5.1	14
14	A new non-convex model of the binary asteroid 90 Antiope obtained with the SAGE modelling technique. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1802-1809.	4.4	13
15	Small Bodies Near and Far (SBNF): A benchmark study on physical and thermal properties of small bodies in the Solar System. <i>Advances in Space Research</i> , 2018, 62, 2326-2341.	2.6	13
16	The large trans-Neptunian object 2002 TC ₃₀₂ from combined stellar occultation, photometry, and astrometry data. <i>Astronomy and Astrophysics</i> , 2020, 639, A134.	5.1	13
17	The shape of (7) Iris as evidence of an ancient large impact?. <i>Astronomy and Astrophysics</i> , 2019, 624, A121.	5.1	12
18	An advanced multipole model for (216) Kleopatra triple system. <i>Astronomy and Astrophysics</i> , 2021, 653, A56.	5.1	12

#	ARTICLE	IF	CITATIONS
19	Volume uncertainty assessment method of asteroid models from disc-integrated visual photometry. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2431-2446.	4.4	11
20	Thermal properties of large main-belt asteroids observed by <i>Herschel</i> PACS. Astronomy and Astrophysics, 2020, 638, A84.	5.1	11
21	Physical parameters of selected <i>Gaia</i> mass asteroids. Astronomy and Astrophysics, 2020, 638, A11.	5.1	5
22	New constraints on the physical properties and dynamical history of Centaur 174P/Echeclus. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3444-3460.	4.4	5
23	Statistical analysis of the ambiguities in the asteroid period determinations. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1314-1320.	4.4	3
24	Volume uncertainty of (7) <i>Älris</i> shape models from disc-resolved images. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4545-4560.	4.4	3
25	A new non-convex model of the binary asteroid (809) <i>Lundia</i> obtained with the SAGE modelling technique. Monthly Notices of the Royal Astronomical Society, 2017, 471, 941-947.	4.4	2
26	Shape Models and Physical Properties of Asteroids. Thirty Years of Astronomical Discovery With UKIRT, 2017, , 55-71.	0.3	2