

Yurij N Krugly

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,325
citations

186209

28
h-index

206029

48
g-index

69
all docs

69
docs citations

69
times ranked

1485
citing authors

#	ARTICLE	IF	CITATIONS
1	Search and study of the space debris and asteroids within ISON project. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200145.	0.3	3
2	Asteroid clusters similar to asteroid pairs. Icarus, 2018, 304, 110-126.	1.1	43
3	YORP equilibria: ways out of YORP cycles. Proceedings of the International Astronomical Union, 2018, 14, 15-15.	0.0	0
4	Rotational variation of the linear polarization of the asteroid (3200) Phaethon as evidence for inhomogeneity in its surface properties. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 480, L131-L135.	1.2	21
5	The phase-polarization curve of asteroid (3200) Phaethon. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3498-3508.	1.6	25
6	YORP and Yarkovsky effects in asteroids (1685) Toro, (2100) Ra-Shalom, (3103) Eger, and (161989) Cacus. Astronomy and Astrophysics, 2018, 609, A86.	2.1	26
7	Detailed Analysis of the Asteroid Pair (6070) Rheinland and (54827) 2001 NQ8. Astronomical Journal, 2017, 153, 270.	1.9	21
8	Multicolour modelling of SN 2013dx associated with GRB 130702A. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3500-3512.	1.6	29
9	Refining the asteroid taxonomy by polarimetric observations. Icarus, 2017, 284, 30-42.	1.1	50
10	New and updated convex shape models of asteroids based on optical data from a large collaboration network. Astronomy and Astrophysics, 2016, 586, A108.	2.1	57
11	Obliquity dependence of the tangential YORP. Astronomy and Astrophysics, 2016, 592, A115.	2.1	7
12	THE SCHULHOF FAMILY: SOLVING THE AGE PUZZLE. Astronomical Journal, 2016, 151, 56.	1.9	10
13	Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system. Planetary and Space Science, 2016, 123, 101-116.	0.9	49
14	Physical models for the normal YORP and diurnal Yarkovsky effects. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3977-3989.	1.6	20
15	Binary asteroid population. 3. Secondary rotations and elongations. Icarus, 2016, 267, 267-295.	1.1	76
16	The astrometric Gaia-FUN-SSO observation campaign of 99942 Apophis. Astronomy and Astrophysics, 2015, 583, A59.	2.1	11
17	Physical modeling of triple near-Earth Asteroid (153591) 2001 SN263 from radar and optical light curve observations. Icarus, 2015, 248, 499-515.	1.1	39
18	The binary near-Earth Asteroid (175706) 1996 FG3. An observational constraint on its orbital evolution. Icarus, 2015, 245, 56-63.	1.1	35

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19	A THREE-DIMENSIONAL MODEL OF TANGENTIAL YORP. <i>Astrophysical Journal</i> , 2014, 794, 22.	1.6	31
20	A trio of gamma-ray burst supernovae:. <i>Astronomy and Astrophysics</i> , 2014, 568, A19.	2.1	62
21	Gamma-ray burst observations with ISON network. <i>EAS Publications Series</i> , 2013, 61, 259-261.	0.3	2
22	Influence of thermal models on the YORP effect. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 173-173.	0.0	0
23	TANGENTIAL COMPONENT OF THE YORP EFFECT. <i>Astrophysical Journal Letters</i> , 2012, 752, L11.	3.0	60
24	Analysis of the rotation period of asteroids (1865)â€ˆCerberus, (2100)â€ˆRa-Shalom, and (3103)â€ˆEger â€“ search for the YORP effect. <i>Astronomy and Astrophysics</i> , 2012, 547, A10.	2.1	43
25	Opposition effect of Trojan asteroids. <i>Icarus</i> , 2012, 217, 202-208.	1.1	31
26	Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries. <i>Icarus</i> , 2012, 218, 125-143.	1.1	33
27	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
28	SPIN VECTOR AND SHAPE OF (6070) RHEINLAND AND THEIR IMPLICATIONS. <i>Astronomical Journal</i> , 2011, 142, 159.	1.9	23
29	Investigation of the photometric system of the AZT-8 telescope and IMG 1024S CCD-camera. <i>Kinematics and Physics of Celestial Bodies</i> , 2010, 26, 89-93.	0.2	0
30	Formation of asteroid pairs by rotational fission. <i>Nature</i> , 2010, 466, 1085-1088.	13.7	171
31	Puzzling asteroid 21 Lutetia: our knowledge prior to the Rosetta fly-by. <i>Astronomy and Astrophysics</i> , 2010, 515, A29.	2.1	44
32	Multi-wavelength observations of the GRBâ€ˆ%080319B afterglow and the modeling constraints. <i>Astronomy and Astrophysics</i> , 2009, 504, 45-51.	2.1	21
33	Polarimetry and BVRI photometry of the potentially hazardous near-Earth Asteroid (23187) 2000 PN9. <i>Icarus</i> , 2009, 201, 167-171.	1.1	13
34	CCD-photometry and pole coordinates for eight asteroids. <i>Planetary and Space Science</i> , 2009, 57, 1514-1520.	0.9	7
35	Datura family: the 2009 update. <i>Astronomy and Astrophysics</i> , 2009, 507, 495-504.	2.1	27
36	Photometric and spectroscopic investigation of 2867 Steins, target of the Rosetta mission. <i>Astronomy and Astrophysics</i> , 2009, 494, L29-L32.	2.1	14

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37	Spin rate distribution of small asteroids. <i>Icarus</i> , 2008, 197, 497-504.	1.1	109
38	Asteroid observations at low phase angles III. Brightness behavior of dark asteroids. <i>Icarus</i> , 2008, 196, 601-611.	1.1	23
39	New photometric observations of asteroids (1862) Apollo and (25143) Itokawa – an analysis of YORP effect. <i>Astronomy and Astrophysics</i> , 2008, 488, 345-350.	2.1	45
40	Detection of the YORP effect in asteroid (1620) Geographos. <i>Astronomy and Astrophysics</i> , 2008, 489, L25-L28.	2.1	64
41	11264 Claudiomaccone: Small binary main-belt asteroid. <i>Planetary and Space Science</i> , 2007, 55, 449-454.	0.9	1
42	Photometry of asteroids: Lightcurves of 24 asteroids obtained in 1993–2005. <i>Planetary and Space Science</i> , 2007, 55, 986-997.	0.9	2
43	Acceleration of the rotation of asteroid 1862 Apollo by radiation torques. <i>Nature</i> , 2007, 446, 420-422.	13.7	120
44	Photometric survey of binary near-Earth asteroids. <i>Icarus</i> , 2006, 181, 63-93.	1.1	250
45	Tumbling asteroids. <i>Icarus</i> , 2005, 173, 108-131.	1.1	127
46	Problems of CCD Photometry of Fast-Moving Asteroids. <i>Solar System Research</i> , 2004, 38, 241-248.	0.3	9
47	Photometry and models of eight near-Earth asteroids. <i>Icarus</i> , 2004, 167, 178-196.	1.1	49
48	Opposition polarimetry and photometry of S- and E-type asteroids. <i>Icarus</i> , 2003, 166, 276-284.	1.1	40
49	Rotation and photometric properties of E-type asteroids. <i>Planetary and Space Science</i> , 2003, 51, 525-532.	0.9	9
50	Asteroid Observations at Low Phase Angles II. 5 Astraea, 75 Eurydike, 77 Frigga, 105 Artemis, 119 Althaea, 124 Alkeste, and 201 Penelope. <i>Icarus</i> , 2002, 155, 365-374.	1.1	16
51	Two Periods of 1999 HF1 – Another Binary NEA Candidate. <i>Icarus</i> , 2002, 158, 276-280.	1.1	13
52	The Near-Earth Objects Follow-up Program IV. CCD Photometry in 1996–1999. <i>Icarus</i> , 2002, 158, 294-304.	1.1	53
53	Two-Period Lightcurves of 1996 FG3, 1998 PG, and (5407) 1992 AX: One Probable and Two Possible Binary Asteroids. <i>Icarus</i> , 2000, 146, 190-203.	1.1	54
54	Slowly Rotating Asteroid 1999 GU3. <i>Icarus</i> , 2000, 148, 589-593.	1.1	9

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55	The EUNEASO Project: A European NEO Search, Follow-up, and Physical Observation Programme. <i>Annals of the New York Academy of Sciences</i> , 1997, 822, 27-28.	1.8	0
56	Physical model of near-earth asteroid 6489 golevka (1991 JX) from optical and infrared observations.. <i>Astronomical Journal</i> , 1997, 114, 1234.	1.9	28
57	Photometric Observations and Modeling of Asteroid 1620 Geographos. <i>Icarus</i> , 1996, 123, 227-244.	1.1	22
58	The Lightcurve of 4179 Toutatis: Evidence for Complex Rotation. <i>Icarus</i> , 1995, 117, 71-89.	1.1	92
59	Models of Four Asteroids: 17 Thetis, 52 Europa, 532 Herculina, and 704 Interamnia. <i>Icarus</i> , 1995, 118, 292-301.	1.1	10
60	Photometry of AMOR Asteroids 1036 Ganymede and 1627 Ivar. <i>Astronomical Journal</i> , 1995, 110, 1875.	1.9	6
61	Light curves and rotation periods of asteroids 371 Bohemia, 426 Hippo, 480 Hansa, and 735 Marghanna. <i>Astronomical Journal</i> , 1995, 109, 1877.	1.9	3
62	Photometry of two Mars-crossing asteroids 2078 Nanking and 2204 Lyyli. <i>Planetary and Space Science</i> , 1994, 42, 341-343.	0.9	0
63	Photometry of seventeen asteroids. <i>Icarus</i> , 1992, 100, 295-306.	1.1	20