

Yurij N Krugly

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,325
citations

186265

28
h-index

206112

48
g-index

69
all docs

69
docs citations

69
times ranked

1485
citing authors

#	ARTICLE	IF	CITATIONS
1	Photometric survey of binary near-Earth asteroids. <i>Icarus</i> , 2006, 181, 63-93.	2.5	250
2	Formation of asteroid pairs by rotational fission. <i>Nature</i> , 2010, 466, 1085-1088.	27.8	171
3	Tumbling asteroids. <i>Icarus</i> , 2005, 173, 108-131.	2.5	127
4	Acceleration of the rotation of asteroid 1862 Apollo by radiation torques. <i>Nature</i> , 2007, 446, 420-422.	27.8	120
5	Spin rate distribution of small asteroids. <i>Icarus</i> , 2008, 197, 497-504.	2.5	109
6	The Lightcurve of 4179 Toutatis: Evidence for Complex Rotation. <i>Icarus</i> , 1995, 117, 71-89.	2.5	92
7	Binary asteroid population. 3. Secondary rotations and elongations. <i>Icarus</i> , 2016, 267, 267-295.	2.5	76
8	Detection of the YORP effect in asteroid (1620) Geographos. <i>Astronomy and Astrophysics</i> , 2008, 489, L25-L28.	5.1	64
9	A trio of gamma-ray burst supernovae:. <i>Astronomy and Astrophysics</i> , 2014, 568, A19.	5.1	62
10	TANGENTIAL COMPONENT OF THE YORP EFFECT. <i>Astrophysical Journal Letters</i> , 2012, 752, L11.	8.3	60
11	New and updated convex shape models of asteroids based on optical data from a large collaboration network. <i>Astronomy and Astrophysics</i> , 2016, 586, A108.	5.1	57
12	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.	2.5	54
13	The Near-Earth Objects Follow-up Program IV. CCD Photometry in 1996-1999. <i>Icarus</i> , 2002, 158, 294-304.	2.5	53
14	Refining the asteroid taxonomy by polarimetric observations. <i>Icarus</i> , 2017, 284, 30-42.	2.5	50
15	Photometry and models of eight near-Earth asteroids. <i>Icarus</i> , 2004, 167, 178-196.	2.5	49
16	Asteroid observations at low phase angles. IV. Average parameters for the new H , G 1 , G 2 magnitude system. <i>Planetary and Space Science</i> , 2016, 123, 101-116.	1.7	49
17	Radar and photometric observations and shape modeling of contact binary near-Earth Asteroid (8567) 1996 HW1. <i>Icarus</i> , 2011, 214, 210-227.	2.5	46
18	New photometric observations of asteroids (1862) Apollo and (25143) Itokawa - an analysis of YORP effect. <i>Astronomy and Astrophysics</i> , 2008, 488, 345-350.	5.1	45

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19	Puzzling asteroid 21 Lutetia: our knowledge prior to the Rosetta fly-by. <i>Astronomy and Astrophysics</i> , 2010, 515, A29.	5.1	44
20	Analysis of the rotation period of asteroids (1865) Cerberus, (2100) Ra-Shalom, and (3103) Eger – search for the YORP effect. <i>Astronomy and Astrophysics</i> , 2012, 547, A10.	5.1	43
21	Asteroid clusters similar to asteroid pairs. <i>Icarus</i> , 2018, 304, 110-126.	2.5	43
22	Opposition polarimetry and photometry of S- and E-type asteroids. <i>Icarus</i> , 2003, 166, 276-284.	2.5	40
23	Physical modeling of triple near-Earth Asteroid (153591) 2001 SN263 from radar and optical light curve observations. <i>Icarus</i> , 2015, 248, 499-515.	2.5	39
24	The binary near-Earth Asteroid (175706) 1996 FG3 – An observational constraint on its orbital evolution. <i>Icarus</i> , 2015, 245, 56-63.	2.5	35
25	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
26	Opposition effect of Trojan asteroids. <i>Icarus</i> , 2012, 217, 202-208.	2.5	31
27	A THREE-DIMENSIONAL MODEL OF TANGENTIAL YORP. <i>Astrophysical Journal</i> , 2014, 794, 22.	4.5	31
28	Multicolour modelling of SN 2013dx associated with GRB 130702A.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3500-3512.	4.4	29
29	Physical model of near-earth asteroid 6489 golevka (1991 JX) from optical and infrared observations.. <i>Astronomical Journal</i> , 1997, 114, 1234.	4.7	28
30	Datura family: the 2009 update. <i>Astronomy and Astrophysics</i> , 2009, 507, 495-504.	5.1	27
31	YORP and Yarkovsky effects in asteroids (1685) Toro, (2100) Ra-Shalom, (3103) Eger, and (161989) Cacus. <i>Astronomy and Astrophysics</i> , 2018, 609, A86.	5.1	26
32	The phase-polarization curve of asteroid (3200) Phaethon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3498-3508.	4.4	25
33	Asteroid observations at low phase anglesIII. Brightness behavior of dark asteroids. <i>Icarus</i> , 2008, 196, 601-611.	2.5	23
34	SPIN VECTOR AND SHAPE OF (6070) RHEINLAND AND THEIR IMPLICATIONS. <i>Astronomical Journal</i> , 2011, 142, 159.	4.7	23
35	Photometric Observations and Modeling of Asteroid 1620 Geographos. <i>Icarus</i> , 1996, 123, 227-244.	2.5	22
36	Multi-wavelength observations of the GRB 080319B afterglow and the modeling constraints. <i>Astronomy and Astrophysics</i> , 2009, 504, 45-51.	5.1	21

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37	Detailed Analysis of the Asteroid Pair (6070) Rheinland and (54827) 2001 NQ8. <i>Astronomical Journal</i> , 2017, 153, 270.	4.7	21
38	Rotational variation of the linear polarization of the asteroid (3200) Phaethon as evidence for inhomogeneity in its surface properties. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 480, L131-L135.	3.3	21
39	Photometry of seventeen asteroids. <i>Icarus</i> , 1992, 100, 295-306.	2.5	20
40	Physical models for the normal YORP and diurnal Yarkovsky effects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3977-3989.	4.4	20
41	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.	2.5	16
42	Photometric and spectroscopic investigation of 2867 Steins, target of the Rosetta mission. <i>Astronomy and Astrophysics</i> , 2009, 494, L29-L32.	5.1	14
43	Two Periods of 1999 HF1 – Another Binary NEA Candidate. <i>Icarus</i> , 2002, 158, 276-280.	2.5	13
44	Polarimetry and BVRI photometry of the potentially hazardous near-Earth Asteroid (23187) 2000 PN9. <i>Icarus</i> , 2009, 201, 167-171.	2.5	13
45	The astrometric Gaia-FUN-SSO observation campaign of 99942 Apophis. <i>Astronomy and Astrophysics</i> , 2015, 583, A59.	5.1	11
46	Models of Four Asteroids: 17 Thetis, 52 Europa, 532 Herculina, and 704 Interamnia. <i>Icarus</i> , 1995, 118, 292-301.	2.5	10
47	THE SCHULHOF FAMILY: SOLVING THE AGE PUZZLE. <i>Astronomical Journal</i> , 2016, 151, 56.	4.7	10
48	Slowly Rotating Asteroid 1999 GU3. <i>Icarus</i> , 2000, 148, 589-593.	2.5	9
49	Rotation and photometric properties of E-type asteroids. <i>Planetary and Space Science</i> , 2003, 51, 525-532.	1.7	9
50	Problems of CCD Photometry of Fast-Moving Asteroids. <i>Solar System Research</i> , 2004, 38, 241-248.	0.7	9
51	CCD-photometry and pole coordinates for eight asteroids. <i>Planetary and Space Science</i> , 2009, 57, 1514-1520.	1.7	7
52	Obliquity dependence of the tangential YORP. <i>Astronomy and Astrophysics</i> , 2016, 592, A115.	5.1	7
53	Photometry of AMOR Asteroids 1036 Ganymede and 1627 Ivar. <i>Astronomical Journal</i> , 1995, 110, 1875.	4.7	6
54	Search and study of the space debris and asteroids within ISON project. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20200145.	0.8	3

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55	Light curves and rotation periods of asteroids 371 Bohemia, 426 Hippo, 480 Hansa, and 735 Marghanna. <i>Astronomical Journal</i> , 1995, 109, 1877.	4.7	3
56	Photometry of asteroids: Lightcurves of 24 asteroids obtained in 1993â€“2005. <i>Planetary and Space Science</i> , 2007, 55, 986-997.	1.7	2
57	Gamma-ray burst observations with ISON network. <i>EAS Publications Series</i> , 2013, 61, 259-261.	0.3	2
58	11264 Claudiomaccone: Small binary main-belt asteroid. <i>Planetary and Space Science</i> , 2007, 55, 449-454.	1.7	1
59	Photometry of two Mars-crossing asteroids 2078 Nanking and 2204 Lyyli. <i>Planetary and Space Science</i> , 1994, 42, 341-343.	1.7	0
60	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.	3.8	0
61	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.	0.6	0
62	Influence of thermal models on the YORP effect. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 173-173.	0.0	0
63	YORP equilibria: ways out of YORP cycles. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 15-15.	0.0	0