Yurij N Krugly

List of Publications by Year
in descending order

63	2,325	186209	206029
papers	citations	28 h-index	48 g-index

69	69	69	1485
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photometric survey of binary near-Earth asteroids. Icarus, 2006, 181, 63-93.	1.1	250
2	Formation of asteroid pairs by rotational fission. Nature, 2010, 466, 1085-1088.	13.7	171
3	Tumbling asteroids. Icarus, 2005, 173, 108-131.	1.1	127
4	Acceleration of the rotation of asteroid 1862 Apollo by radiation torques. Nature, 2007, 446, 420-422.	13.7	120
5	Spin rate distribution of small asteroids. Icarus, 2008, 197, 497-504.	1.1	109
6	The Lightcurve of 4179 Toutatis: Evidence for Complex Rotation. Icarus, 1995, 117, 71-89.	1.1	92
7	Binary asteroid population. 3. Secondary rotations and elongations. Icarus, 2016, 267, 267-295.	1.1	76
8	Detection of the YORP effect in asteroid (1620)ÂGeographos. Astronomy and Astrophysics, 2008, 489, L25-L28.	2.1	64
9	A trio of gamma-ray burst supernovae:. Astronomy and Astrophysics, 2014, 568, A19.	2.1	62
10	TANGENTIAL COMPONENT OF THE YORP EFFECT. Astrophysical Journal Letters, 2012, 752, L11.	3.0	60
11	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
12	Two-Period Lightcurves of 1996 FG3, 1998 PG, and (5407) 1992 AX: One Probable and Two Possible Binary Asteroids. Icarus, 2000, 146, 190-203.	1.1	54
13	The Near-Earth Objects Follow-up Program IV. CCD Photometry in 1996â€“1999. Icarus, 2002, 158, 294-304.	1.1	53
14	Refining the asteroid taxonomy by polarimetric observations. Icarus, 2017, 284, 30-42.	1.1	50
15	Photometry and models of eight near-Earth asteroids. Icarus, 2004, 167, 178-196.	1.1	49
16	Asteroid observations at low phase angles. IV. Average parameters for the new H , G 1 , G 2 magnitude system. Planetary and Space Science, 2016, 123, 101-116.	0.9	49
17	Radar and photometric observations and shape modeling of contact binary near-Earth Asteroid (8567) 1996 HW1. Icarus, 2011, 214, 210-227.	1.1	46
18	New photometric observations of asteroids (1862)ÂApollo and (25143)ÂItokawa â€“ an analysis of YORP effect. Astronomy and Astrophysics, 2008, 488, 345-350.	2.1	45

#	Article	IF	Citations
19	Puzzling asteroid 21 Lutetia: our knowledge prior to the Rosetta fly-by. Astronomy and Astrophysics, 2010, 515, A29.	2.1	44
20	Analysis of the rotation period of asteroids (1865)ÂCerberus, (2100)ÂRa-Shalom, and (3103)ÂEger â€“ search for the YORP effect. Astronomy and Astrophysics, 2012, 547, A10.	2.1	43
21	Asteroid clusters similar to asteroid pairs. Icarus, 2018, 304, 110-126.	1.1	43
22	Opposition polarimetry and photometry of S- and E-type asteroids. Icarus, 2003, 166, 276-284.	1.1	40
23	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
24	The binary near-Earth Asteroid (175706) 1996 FG3 â€” An observational constraint on its orbital evolution. Icarus, 2015, 245, 56-63.	1.1	35
25	Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries. Icarus, 2012, 218, 125-143.	1.1	33
26	Opposition effect of Trojan asteroids. Icarus, 2012, 217, 202-208.	1.1	31
27	A THREE-DIMENSIONAL MODEL OF TANGENTIAL YORP. Astrophysical Journal, 2014, 794, 22.	1.6	31
28	Multicolour modelling of SN 2013dx associated with GRB 130702Aâ˜…. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3500-3512.	1.6	29
29	Physical model of near-earth asteroid 6489 golevka (1991 JX) from optical and infrared observations.. Astronomical Journal, 1997, 114, 1234.	1.9	28
30	Datura family: the 2009 update. Astronomy and Astrophysics, 2009, 507, 495-504.	2.1	27
31	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
32	The phase-polarization curve of asteroid (3200) Phaethonâ€. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3498-3508.	1.6	25
33	Asteroid observations at low phase anglesIII. Brightness behavior of dark asteroids. Icarus, 2008, 196, 601-611.	1.1	23
34	SPIN VECTOR AND SHAPE OF (6070) RHEINLAND AND THEIR IMPLICATIONS. Astronomical Journal, 2011, 142, 159.	1.9	23
35	Photometric Observations and Modeling of Asteroid 1620 Geographos. Icarus, 1996, 123, 227-244.	1.1	22
36	Multi-wavelength observations of the GRBâ€‰080319B afterglow and the modeling constraints. Astronomy and Astrophysics, 2009, 504, 45-51.	2.1	21

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37	Detailed Analysis of the Asteroid Pair (6070) Rheinland and (54827) 2001 NQ8. Astronomical Journal, 2017, 153, 270.	1.9	21
38	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
39	Photometry of seventeen asteroids. Icarus, 1992, 100, 295-306.	1.1	20
40	Physical models for the normal YORP and diurnal Yarkovsky effects. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3977-3989.	1.6	20
41	Asteroid Observations at Low Phase Angles II. 5 Astraea, 75 Eurydike, 77 Frigga, 105 Artemis, 119 Althaea, 124 Alkeste, and 201 Penelope. Icarus, 2002, 155, 365-374.	1.1	16
42	Photometric and spectroscopic investigation of 2867 Steins, target of the Rosetta mission. Astronomy and Astrophysics, 2009, 494, L29-L32.	2.1	14
43	Two Periods of 1999 HF1â€"Another Binary NEA Candidate. Icarus, 2002, 158, 276-280.	1.1	13
44	Polarimetry and BVRI photometry of the potentially hazardous near-Earth Asteroid (23187) 2000 PN9. Icarus, 2009, 201, 167-171.	1.1	13
45	The astrometricGaia-FUN-SSO observation campaign of 99942 Apophis. Astronomy and Astrophysics, 2015, 583, A59.	2.1	11
46	Models of Four Asteroids: 17 Thetis, 52 Europa, 532 Herculina, and 704 Interamnia. Icarus, 1995, 118, 292-301.	1.1	10
47	THE SCHULHOF FAMILY: SOLVING THE AGE PUZZLE. Astronomical Journal, 2016, 151, 56.	1.9	10
48	Slowly Rotating Asteroid 1999 GU3. Icarus, 2000, 148, 589-593.	1.1	9
49	Rotation and photometric properties of E-type asteroids. Planetary and Space Science, 2003, 51, 525-532.	0.9	9
50	Problems of CCD Photometry of Fast-Moving Asteroids. Solar System Research, 2004, 38, 241-248.	0.3	9
51	CCD-photometry and pole coordinates for eight asteroids. Planetary and Space Science, 2009, 57, 1514-1520.	0.9	7
52	Obliquity dependence of the tangential YORP. Astronomy and Astrophysics, 2016, 592, A115.	2.1	7
53	Photometry of AMOR Asteroids 1036 Ganymede and 1627 Ivar. Astronomical Journal, 1995, 110, 1875.	1.9	6
54	Search and study of the space debris and asteroids within ISON project. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200145.	0.3	3

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55	Light curves and rotation periods of asteroids 371 Bohemia, 426 Hippo, 480 Hansa, and 735 Marghanna. Astronomical Journal, 1995, 109, 1877.	1.9	3
56	Photometry of asteroids: Lightcurves of 24 asteroids obtained in 1993â€“2005. Planetary and Space Science, 2007, 55, 986-997.	0.9	2
57	Gamma-ray burst observations with ISON network. EAS Publications Series, 2013, 61, 259-261.	0.3	2
58	11264 Claudiomaccone: Small binary main-belt asteroid. Planetary and Space Science, 2007, 55, 449-454.	0.9	1
59	Photometry of two Mars-crossing asteroids 2078 Nanking and 2204 Lyyli. Planetary and Space Science, 1994, 42, 341-343.	0.9	0
60	The EUNEASO Project: A European NEO Search, Follow-up, and Physical Observation Programme. Annals of the New York Academy of Sciences, 1997, 822, 27-28.	1.8	0
61	Investigation of the photometric system of the AZT-8 telescope and IMG 1024S CCD-camera. Kinematics and Physics of Celestial Bodies, 2010, 26, 89-93.	0.2	0
62	Influence of thermal models on the YORP effect. Proceedings of the International Astronomical Union, 2012, 10, 173-173.	0.0	0
63	YORP equilibria: ways out of YORP cycles. Proceedings of the International Astronomical Union, 2018, 14, 15-15.	0.0	0