Vasilij G Shevchenko

List of Publications by Year
in descending order

48	1,553	304743 22	302126 39
papers	citations	h-index	g-index

51	51	51	1053
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Opposition Effect of Asteroids. Icarus, 2000, 147, 94-105.	2.5	155
2	Tumbling asteroids. Icarus, 2005, 173, 108-131.	2.5	127
3	Spin rate distribution of small asteroids. Icarus, 2008, 197, 497-504.	2.5	109
4	The Lightcurve of 4179 Toutatis: Evidence for Complex Rotation. Icarus, 1995, 117, 71-89.	2.5	92
5	The F-type asteroids with small inversion angles of polarization. Icarus, 2005, 178, 213-221.	2.5	64
6	Detection of the YORP effect in asteroid (1620)ÂGeographos. Astronomy and Astrophysics, 2008, 489, L25-L28.	5.1	64
7	Principle of Undulatory Invariance in Photometry of Atmosphereless Celestial Bodies. Icarus, 1994, 109, 168-190.	2.5	59
8	Two-Period Lightcurves of 1996 FG3, 1998 PG, and (5407) 1992 AX: One Probable and Two Possible Binary Asteroids. Icarus, 2000, 146, 190-203.	2.5	54
9	The Near-Earth Objects Follow-up Program IV. CCD Photometry in 1996â€“1999. Icarus, 2002, 158, 294-304.	2.5	53
10	Photometry and models of eight near-Earth asteroids. Icarus, 2004, 167, 178-196.	2.5	49
11	Asteroid albedos deduced from stellar occultations. Icarus, 2006, 184, 211-220.	2.5	49
12	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.	1.7	49
13	H, G1, G2 photometric phase function extended to low-accuracy data. Planetary and Space Science, 2016, 123, 117-125.	1.7	49
14	Polarization and brightness opposition effects for the E-type Asteroid 64 Angelina. Icarus, 2005, 178, 222-234.	2.5	46
15	New photometric observations of asteroids (1862)ÂApollo and (25143)ÂItokawa â€“ an analysis of YORP effect. Astronomy and Astrophysics, 2008, 488, 345-350.	5.1	45
16	Puzzling asteroid 21 Lutetia: our knowledge prior to the Rosetta fly-by. Astronomy and Astrophysics, 2010, 515, A29.	5.1	44
17	Polarization and brightness opposition effects for the E-type Asteroid 44 Nysa. Icarus, 2009, 201, 655-665.	2.5	43
18	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.	5.1	43

#	Article	IF	Citations
19	Opposition polarimetry and photometry of S- and E-type asteroids. Icarus, 2003, 166, 276-284.	2.5	40
20	Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries. Icarus, 2012, 218, 125-143.	2.5	33
21	Opposition effect of Trojan asteroids. Icarus, 2012, 217, 202-208.	2.5	31
22	YORP and Yarkovsky effects in asteroids (1685) Toro, (2100) Ra-Shalom, (3103) Eger, and (161989) Cacus. Astronomy and Astrophysics, 2018, 609, A86.	5.1	26
23	Asteroid observations at low phase anglesIII. Brightness behavior of dark asteroids. Icarus, 2008, 196, 601-611.	2.5	23
24	Photometric Observations and Modeling of Asteroid 1620 Geographos. Icarus, 1996, 123, 227-244.	2.5	22
25	Photometry of seventeen asteroids. Icarus, 1992, 100, 295-306.	2.5	20
26	Low phase angle effects in photometry of trans-neptunian objects: 20000 Varuna and 19308 (1996 TO66). Icarus, 2006, 184, 277-284.	2.5	19
27	Asteroid observations at low phase angles. I. 50 Virginia, 91 Aegina and 102 Miriam. Planetary and Space Science, 1997, 45, 1615-1623.	1.7	18
28	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.	2.5	16
29	Physical studies of Apollo-Amor asteroids: UBVRI photometry of 1036 Ganymed and 1627 Ivar. Icarus, 1989, 78, 363-381.	2.5	15
30	Photometric and spectroscopic investigation of 2867 Steins, target of the Rosetta mission. Astronomy and Astrophysics, 2009, 494, L29-L32.	5.1	14
31	A photometric function of planetary surfaces for gourmets. Icarus, 2018, 302, 213-236.	2.5	13
32	Models of Four Asteroids: 17 Thetis, 52 Europa, 532 Herculina, and 704 Interamnia. Icarus, 1995, 118, 292-301.	2.5	10
33	Rotation and photometric properties of E-type asteroids. Planetary and Space Science, 2003, 51, 525-532.	1.7	9
34	Phase integral of asteroids. Astronomy and Astrophysics, 2019, 626, A87.	5.1	9
35	Long-term photometric monitoring of the dwarf planet (136472) Makemake. Astronomy and Astrophysics, 2019, 625, A46.	5.1	9
36	CCD-photometry and pole coordinates for eight asteroids. Planetary and Space Science, 2009, 57, 1514-1520.	1.7	7

#	Article	IF	Citations
37	First survey of phase curves of V-type asteroids. Icarus, 2021, 357, 114158.	2.5	7
38	Photometry of AMOR Asteroids 1036 Ganymede and 1627 Ivar. Astronomical Journal, 1995, 110, 1875.	4.7	6
39	Revised albedos of Trojan asteroids (911) Agamemnon and (4709) Ennomos. Meteoritics and Planetary Science, 2014, 49, 103-108.	1.6	4
40	Photometry of asteroids: Lightcurves of 24 asteroids obtained in 1993â€“2005. Planetary and Space Science, 2007, 55, 986-997.	1.7	2
41	Photometry of selected outer main belt asteroids. Planetary and Space Science, 2021, 202, 105248.	1.7	2
42	Spacecraft exploration of asteroids. Solar System Research, 2005, 39, 73-81.	0.7	1
43	Kharkiv study of near-Earth asteroids. Proceedings of the International Astronomical Union, 2006, 2, 385-390.	0.0	1
44	11264 Claudiomaccone: Small binary main-belt asteroid. Planetary and Space Science, 2007, 55, 449-454.	1.7	1
45	Photometry of asteroids. Kinematics and Physics of Celestial Bodies, 2007, 23, 235-244.	0.6	1
46	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.	3.8	0
47	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.	0.6	0
48	A new look on asteroid shape modeling. Planetary and Space Science, 2019, 165, 19-22.	1.7	0