

# Seitaro Urakawa

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

853  
citations

567281

15  
h-index

526287

27  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radial Velocity Search for Extrasolar Planets in Visual Binary Systems. Publication of the Astronomical Society of Japan, 2009, 61, 19-28.	2.5	229
2	Hayabusa-2 mission target asteroid 162173 Ryugu (1999 JU <sub>3</sub> ): Searching for the object's spin-axis orientation. Astronomy and Astrophysics, 2017, 599, A103.	5.1	77
3	Thermo-physical properties of 162173 (1999 JU <sub>3</sub> ), a potential flyby and rendezvous target for interplanetary missions. Astronomy and Astrophysics, 2011, 525, A145.	5.1	75
4	OPTICAL PROPERTIES OF (162173) 1999 JU <sub>3</sub> : IN PREPARATION FOR THE JAXA HAYABUSA 2 SAMPLE RETURN MISSION. Astrophysical Journal, 2014, 792, 74.	4.5	45
5	A Planetary Companion to the Intermediate-Mass Giant HD 100655. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	39
6	Discovery of the Fastest Early Optical Emission from Overluminous SN Ia 2020hvf: A Thermonuclear Explosion within a Dense Circumstellar Environment. Astrophysical Journal Letters, 2021, 923, L8.	8.3	27
7	An Extrasolar Planet Transit Search with Subaru Suprime-Cam. Publication of the Astronomical Society of Japan, 2006, 58, 869-881.	2.5	24
8	Against the biases in spins and shapes of asteroids. Planetary and Space Science, 2015, 118, 256-266.	1.7	22
9	The Tomo-e Gozen wide field CMOS camera for the Kiso Schmidt telescope. , 2018, , .		22
10	Thermal properties of slowly rotating asteroids: results from a targeted survey. Astronomy and Astrophysics, 2019, 625, A139.	5.1	21
11	Rendezvous to asteroid with highly uncertain ephemeris: Hayabusa2's Ryugu-approach operation result. Astrodynamic, 2020, 4, 137-147.	2.4	20
12	Hayabusa2 extended mission: New voyage to rendezvous with a small asteroid rotating with a short period. Advances in Space Research, 2021, 68, 1533-1555.	2.6	20
13	A Massive Substellar Companion to the Massive Giant HD 119445. Publication of the Astronomical Society of Japan, 2009, 61, 825-831.	2.5	19
14	SEARCH FOR THE COMET ACTIVITY OF 107P/(4015) WILSON-HARRINGTON DURING THE 2009/2010 APPARITION. Astrophysical Journal, 2011, 726, 101.	4.5	16
15	Optical observations of NEA 3200 Phaethon (1983 TB) during the 2017 apparition. Astronomy and Astrophysics, 2018, 619, A123.	5.1	16
16	DENSE OPTICAL AND NEAR-INFRARED MONITORING OF CTA 102 DURING HIGH STATE IN 2012 WITH OISTER: DETECTION OF INTRA-NIGHT "ORPHAN POLARIZED FLUX FLARE". Astrophysical Journal Letters, 2013, 768, L24.	8.3	15
17	Polarimetric Study of Near-Earth Asteroid (1566) Icarus. Astronomical Journal, 2017, 154, 180.	4.7	15
18	Development of a prototype of the Tomo-e Gozen wide-field CMOS camera. Proceedings of SPIE, 2016, , .	0.8	12

#	ARTICLE	IF	CITATIONS
19	Evidence for a rapid decrease of Pluto's atmospheric pressure revealed by a stellar occultation in 2019. <i>Astronomy and Astrophysics</i> , 2020, 638, L5.	5.1	12
20	Photometric observations of 107P/Wilson-Harrington. <i>Icarus</i> , 2011, 215, 17-26.	2.5	11
21	The astrometric Gaia-FUN-SSO observation campaign of 99942 Apophis. <i>Astronomy and Astrophysics</i> , 2015, 583, A59.	5.1	11
22	FOSSIL. I. The Spin Rate Limit of Jupiter Trojans. <i>Planetary Science Journal</i> , 2021, 2, 191.	3.6	11
23	New Constraint on the Atmosphere of (50000) Quaoar from a Stellar Occultation. <i>Astronomical Journal</i> , 2019, 158, 236.	4.7	10
24	Physical properties of near-Earth asteroids with a low $\delta v$ : Survey of target candidates for the Hayabusa2 mission. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	9
25	MULTI-WAVELENGTH OBSERVATIONS OF THE BLACK WIDOW PULSAR 2FGL J2339.6-0532 WITH OISTER AND SUZAKU. <i>Astrophysical Journal</i> , 2015, 802, 84.	4.5	8
26	Properties of slowly rotating asteroids from the Convex Inversion Thermophysical Model. <i>Astronomy and Astrophysics</i> , 2021, 654, A87.	5.1	7
27	Visible Spectroscopic Observations of a Near-Earth Object, 2012 DA14. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, L9.	2.5	6
28	Near-infrared colors of asteroid 2012 DA14 at its closest approach to Earth: Observations with the Nishiharima Infrared Camera (NIC). <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	2.5	6
29	FAST ROTATION OF A SUBKILOMETER-SIZED NEAR-EARTH OBJECT 2011 XA <sub>3</sub> . <i>Astronomical Journal</i> , 2014, 147, 121.	4.7	6
30	An ingress and a complete transit of HD 80606 b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	5
31	An optical search for transients lasting a few seconds. <i>Publication of the Astronomical Society of Japan</i> , 2020, 72, .	2.5	5
32	Evaluation of large pixel CMOS image sensors for the Tomo-e Gozen wide field camera. , 2018, , .		5
33	Time-series photometry of Earth flyby asteroid 2012 DA14. <i>Astronomy and Astrophysics</i> , 2013, 559, A106.	5.1	4
34	Polarimetric and photometric observations of NEAs; (422699) 2000 PD3 and (3200) Phaethon with the 1.6m Pirka telescope. <i>Planetary and Space Science</i> , 2020, 180, 104774.	1.7	4
35	Relationship between radar cross section and optical magnitude based on radar and optical simultaneous observations of faint meteors. <i>Planetary and Space Science</i> , 2020, 194, 105011.	1.7	4
36	Development of a real-time data processing system for a prototype of the Tomo-e Gozen wide field CMOS camera. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3

#	ARTICLE	IF	CITATIONS
37	Luminosity function of faint sporadic meteors measured with a wide-field CMOS mosaic camera Tomo-e PM. Planetary and Space Science, 2019, 165, 281-292.	1.7	3
38	FOSSIL. II. The Rotation Periods of Small-sized Hilda Asteroids. Astrophysical Journal, Supplement Series, 2022, 259, 7.	7.7	3
39	Dust trails along asteroid 3200 Phaethon's orbit. COSPAR Colloquia Series, 2002, , 83-86.	0.2	2
40	Shape and Rotational Motion Models for Tumbling and Monolithic Asteroid 2012 TC <sub>4</sub> : High Time Resolution Light Curve with the Tomo-e Gozen Camera. Astronomical Journal, 2019, 157, 155.	4.7	2
41	A Korea-Japan planet search program: Current status and discovery of a brown dwarf candidate. Proceedings of the International Astronomical Union, 2007, 3, 53-56.	0.0	1
42	Wide-Band Optical Filter Optimized for Deep Imaging of Small Solar-System Bodies. Publication of the Astronomical Society of Japan, 2012, 64, 47.	2.5	1
43	A CCD search for the Earth-Moon libration clouds around L4. COSPAR Colloquia Series, 2002, 15, 368-371.	0.2	0