

Robert J Weryk

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,064
citations

471509

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414414

32
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42
all docs

42
docs citations

42
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Regions of slow apparent motion of close approaching asteroids: The case of 2019 OK. Icarus, 2022, 373, 114735.	2.5	3
2	Orbital stability analysis and photometric characterization of the second Earth Trojan asteroid 2020 XL5. Nature Communications, 2022, 13, 447.	12.8	10
3	Possible Activity in 468861 (2013 LU28). Planetary Science Journal, 2022, 3, 34.	3.6	2
4	Apophis Planetary Defense Campaign. Planetary Science Journal, 2022, 3, 123.	3.6	4
5	International Asteroid Warning Network Timing Campaign: 2019 XS. Planetary Science Journal, 2022, 3, 156.	3.6	6
6	The Sizes and Albedos of Centaurs 2014 YY ₄₉ and 2013 NL ₂₄ from Stellar Occultation Measurements by RECON. Planetary Science Journal, 2021, 2, 22.	3.6	3
7	Characterizing the Manx Candidate A/2018 V3. Planetary Science Journal, 2021, 2, 33.	3.6	2
8	Observation of the A Carinid Meteor Shower 2020 Unexpected Outburst. Planetary Science Journal, 2021, 2, 56.	3.6	3
9	Precovery Observations Confirm the Capture Time of Asteroid 2020 CD3 as Earth's Minimoons. Astrophysical Journal Letters, 2021, 913, L6.	8.3	6
10	No Activity among 13 Centaurs Discovered in the Pan-STARRS1 Detection Database. Planetary Science Journal, 2021, 2, 155.	3.6	6
11	Size and Shape of (11351) Leucus from Five Occultations. Planetary Science Journal, 2021, 2, 202.	3.6	7
12	An Improved Method to Measure Head Echoes Using a Meteor Radar. Planetary Science Journal, 2021, 2, 197.	3.6	6
13	C/2014 UN ₂₇₁ (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets. Astrophysical Journal Letters, 2021, 921, L37.	8.3	21
14	Precision Measurements of Radar Transverse Scattering Speeds From Meteor Phase Characteristics. Radio Science, 2020, 55, e2019RS006987.	1.6	11
15	Coordinated optical and radar measurements of low velocity meteors. Icarus, 2020, 352, 113975.	2.5	4
16	Using Precision Astrometry to Recover Near-Earth Object Candidates. , 2020, , .		1
17	A comparative study of radar and optical observations of meteor showers using SAAMER-OS and CAMS. Planetary and Space Science, 2020, 188, 104936.	1.7	11
18	Observations of an Unexpected Meteor Shower Outburst at High Ecliptic Southern Latitude and Its Potential Origin. Astrophysical Journal Letters, 2020, 895, L25.	8.3	11

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19	A Single-chord Stellar Occultation by the Extreme Trans-Neptunian Object (541132) Leleākōhonua. <i>Astronomical Journal</i> , 2020, 159, 230.	4.7	7
20	Pre-discovery Activity of New Interstellar Comet 2I/Borisov beyond 5 au. <i>Astronomical Journal</i> , 2020, 159, 77.	4.7	27
21	Establishing Earth's Minimoons Population through Characterization of Asteroid 2020 CD ₃ . <i>Astronomical Journal</i> , 2020, 160, 277.	4.7	16
22	Stellar Occultation by the Resonant Trans-Neptunian Object (523764) 2014 WC510 Reveals a Close Binary TNO. <i>Planetary Science Journal</i> , 2020, 1, 48.	3.6	7
23	The orbit and size-frequency distribution of long period comets observed by Pan-STARRS1. <i>Icarus</i> , 2019, 333, 252-272.	2.5	34
24	The Pan-STARRS data archive - a treasure trove of moving object observations. , 2019, , .		0
25	The Sporadic Activity of (6478) Gault: A YORP-driven Event?. <i>Astrophysical Journal Letters</i> , 2019, 874, L20.	8.3	33
26	A Dwarf Planet Class Object in the 21:5 Resonance with Neptune. <i>Astrophysical Journal Letters</i> , 2018, 855, L6.	8.3	17
27	Non-gravitational acceleration in the trajectory of 1I/2017 U1 (1999 Oumuamua). <i>Nature</i> , 2018, 559, 223-226.	27.8	138
28	The Splitting of Double-component Active Asteroid P/2016 J1 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2017, 837, L3.	8.3	24
29	A brief visit from a red and extremely elongated interstellar asteroid. <i>Nature</i> , 2017, 552, 378-381.	27.8	304
30	CO-driven Activity in Comet C/2017 K2 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2017, 849, L8.	8.3	35
31	FRAGMENTATION KINEMATICS IN COMET 332P/IKEYA-MURAKAMI. <i>Astrophysical Journal Letters</i> , 2016, 829, L8.	8.3	25
32	OSSOS. IV. DISCOVERY OF A DWARF PLANET CANDIDATE IN THE 9:2 RESONANCE WITH NEPTUNE. <i>Astronomical Journal</i> , 2016, 152, 212.	4.7	17
33	THE PROGRESSIVE FRAGMENTATION OF 332P/IKEYA-MURAKAMI. <i>Astrophysical Journal Letters</i> , 2016, 827, L26.	8.3	7
34	The Pan-STARRS search for Near Earth Objects. <i>Proceedings of the International Astronomical Union</i> , 2015, 10, 293-298.	0.0	6
35	The unexpected 2012 Draconid meteor storm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 3812-3823.	4.4	27
36	Simultaneous radar and video meteors: II: Photometry and ionisation. <i>Planetary and Space Science</i> , 2013, 81, 32-47.	1.7	66

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37	Radar observations of the 2011 October Draconid outburst. Monthly Notices of the Royal Astronomical Society, 2013, 436, 675-689.	4.4	26
38	Meteorites from meteor showers: A case study of the Taurids. Meteoritics and Planetary Science, 2013, 48, 270-288.	1.6	27
39	Simultaneous radar and video meteors: Metric comparisons. Planetary and Space Science, 2012, 62, 132-152.	1.7	59
40	Infrasonic Observations of Meteoroids: Preliminary Results from a Coordinated Optical-radar-infrasound Observing Campaign. Earth, Moon and Planets, 2008, 102, 221-229.	0.6	18
41	The Canadian Meteor Orbit Radar Meteor Stream Catalogue. Earth, Moon and Planets, 2008, 102, 209-219.	0.6	27