

Marco Micheli

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

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citations

257450

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90
docs citations

90
times ranked

2890
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	Near-earth asteroid (66391) Moshup (1999 KW4) observing campaign: Results from a global planetary defense characterization exercise. Icarus, 2022, 374, 114790.	2.5	10
3	Recent formation and likely cometary activity of near-Earth asteroid pair 2019ÂPR2â€“2019ÂQR6. Monthly Notices of the Royal Astronomical Society, 2022, 510, 6033-6049.	4.4	4
4	Orbital stability analysis and photometric characterization of the second Earth Trojan asteroid 2020 XL5. Nature Communications, 2022, 13, 447.	12.8	10
5	Possible Activity in 468861 (2013 LU28). Planetary Science Journal, 2022, 3, 34.	3.6	2
6	Apophis Planetary Defense Campaign. Planetary Science Journal, 2022, 3, 123.	3.6	4
7	International Asteroid Warning Network Timing Campaign: 2019 XS. Planetary Science Journal, 2022, 3, 156.	3.6	6
8	Characterizing the Manx Candidate A/2018 V3. Planetary Science Journal, 2021, 2, 33.	3.6	2
9	High-fidelity comet 67P ephemeris and predictions based on Rosetta data. Icarus, 2021, 358, 114276.	2.5	10
10	The impact and recovery of asteroid 2018 LA. Meteoritics and Planetary Science, 2021, 56, 844-893.	1.6	21
11	Precovery Observations Confirm the Capture Time of Asteroid 2020 CD3 as Earthâ€™s Minimoons. Astrophysical Journal Letters, 2021, 913, L6.	8.3	6
12	(6478) Gault: physical characterization of an active main-belt asteroid. Monthly Notices of the Royal Astronomical Society, 2021, 505, 245-258.	4.4	10
13	The similarity of the interstellar comet 2I/Borisov to Solar System comets from high-resolution optical spectroscopy. Astronomy and Astrophysics, 2021, 650, L19.	5.1	6
14	Optical observations of the BepiColombo spacecraft as a proxy for a potential threatening asteroid. Acta Astronautica, 2021, 184, 251-258.	3.2	0
15	Elimination of a virtual impactor of 2006 QV ₈₉ via deep non-detection. Astronomy and Astrophysics, 2021, 653, A124.	5.1	4
16	A colour portrait of the interstellar comet 2I/Borisov. Planetary and Space Science, 2021, 208, 105341.	1.7	4
17	A search for the origin of the interstellar comet 2I/Borisov. Astronomy and Astrophysics, 2020, 634, A14.	5.1	16
18	Pre-discovery Activity of New Interstellar Comet 2I/Borisov beyond 5 au. Astronomical Journal, 2020, 159, 77.	4.7	27

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19	Establishing Earth's Minimum Population through Characterization of Asteroid 2020 CD ₃ . <i>Astronomical Journal</i> , 2020, 160, 277.	4.7	16
20	Extended photometric survey of near-Earth objects. <i>Astronomy and Astrophysics</i> , 2020, 644, A23.	5.1	8
21	Removal of virtual impactor solutions with precovery data: The case study of 2017AXO2. <i>Icarus</i> , 2019, 317, 39-43.	2.5	1
22	Detection of CN Gas in Interstellar Object 2I/Borisov. <i>Astrophysical Journal Letters</i> , 2019, 885, L9.	8.3	60
23	Physical characterization of the deep-space debris WT1190F: A testbed for advanced SSA techniques. <i>Advances in Space Research</i> , 2019, 63, 371-393.	2.6	4
24	Physical characterization of 2009 WN25: exploring the link with November i-Draconids meteor shower. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2335-2339.	4.4	2
25	The Sporadic Activity of (6478) Gault: A YORP-driven Event?. <i>Astrophysical Journal Letters</i> , 2019, 874, L20.	8.3	33
26	C/2010 U3 (Boattini): A Bizarre Comet Active at Record Heliocentric Distance. <i>Astronomical Journal</i> , 2019, 157, 162.	4.7	21
27	Near-Earth asteroid 2012 TC4 observing campaign: Results from a global planetary defense exercise. <i>Icarus</i> , 2019, 326, 133-150.	2.5	14
28	Yarkovsky effect detection and updated impact hazard assessment for near-Earth asteroid (410777) 2009 FD. <i>Astronomy and Astrophysics</i> , 2019, 627, L11.	5.1	4
29	2I/Borisov: A C ₂ -depleted interstellar comet. <i>Astronomy and Astrophysics</i> , 2019, 631, L8.	5.1	56
30	Disintegration of active asteroid P/2016 G1 (PANSTARRS). <i>Astronomy and Astrophysics</i> , 2019, 628, A48.	5.1	7
31	A Dwarf Planet Class Object in the 21:5 Resonance with Neptune. <i>Astrophysical Journal Letters</i> , 2018, 855, L6.	8.3	17
32	The Puzzling Case of the Deep-Space Debris WT1190F: A Test Bed for Advanced SSA Techniques. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2018, , 181-189.	0.3	2
33	The Excited Spin State of 1I/2017 U1 "Oumuamua. <i>Astrophysical Journal Letters</i> , 2018, 856, L21.	8.3	41
34	Detectability of Chelyabinsk-like impactors with Pan-STARRS. <i>Icarus</i> , 2018, 303, 265-272.	2.5	4
35	The observing campaign on the deep-space debris WT1190F as a test case for short-warning NEO impacts. <i>Icarus</i> , 2018, 304, 4-8.	2.5	2
36	Spitzer Observations of Interstellar Object 1I/"Oumuamua. <i>Astronomical Journal</i> , 2018, 156, 261.	4.7	80

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37	523676 (2013 UL10): the first active red centaur. <i>Astronomy and Astrophysics</i> , 2018, 620, A93.	5.1	7
38	The 2016 Reactivations of the Main-belt Comets 238P/Read and 288P/(300163) 2006 VW ₁₃₉ *. <i>Astronomical Journal</i> , 2018, 156, 223.	4.7	14
39	Plausible Home Stars of the Interstellar Object "Oumuamua Found in Gaia DR2. <i>Astronomical Journal</i> , 2018, 156, 205.	4.7	23
40	Non-gravitational acceleration in the trajectory of 1I/2017 U1 ("Oumuamua). <i>Nature</i> , 2018, 559, 223-226.	27.8	138
41	The Reactivation and Nucleus Characterization of Main-belt Comet 358P/PANSTARRS (P/2012 T1). <i>Astronomical Journal</i> , 2018, 156, 39.	4.7	7
42	Photometric survey of 67 near-Earth objects. <i>Astronomy and Astrophysics</i> , 2018, 615, A127.	5.1	13
43	The Splitting of Double-component Active Asteroid P/2016 J1 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2017, 837, L3.	8.3	24
44	An efficient algorithm for prioritizing <sc>NEA</sc> physical observations. <i>Meteoritics and Planetary Science</i> , 2017, 52, 522-531.	1.6	2
45	Beginning of Activity in Long-period Comet C/2015 ER61 (PANSTARRS). <i>Astronomical Journal</i> , 2017, 153, 206.	4.7	16
46	Nucleus of the active Centaur C/2011 P2 (PANSTARRS). <i>Astronomy and Astrophysics</i> , 2017, 597, A59.	5.1	12
47	The 67P/Churyumov"Gerashimov observation campaign in support of the Rosetta mission. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160249.	3.4	29
48	Physical characterization of the near-Earth object population. <i>European Physical Journal Plus</i> , 2017, 132, 1.	2.6	0
49	A brief visit from a red and extremely elongated interstellar asteroid. <i>Nature</i> , 2017, 552, 378-381.	27.8	304
50	CO-driven Activity in Comet C/2017 K2 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2017, 849, L8.	8.3	35
51	The Unusual Apparition of Comet 252P/2000 G1 (LINEAR) and Comparison with Comet P/2016 BA ₁₄ (PanSTARRS). <i>Astronomical Journal</i> , 2017, 154, 136.	4.7	14
52	FRAGMENTATION KINEMATICS IN COMET 332P/IKEYA" MURAKAMI. <i>Astrophysical Journal Letters</i> , 2016, 829, L8.	8.3	25
53	THE PROGRESSIVE FRAGMENTATION OF 332P/IKEYA" MURAKAMI. <i>Astrophysical Journal Letters</i> , 2016, 827, L26.	8.3	7
54	Inner solar system material discovered in the Oort cloud. <i>Science Advances</i> , 2016, 2, e1600038.	10.3	45

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55	Evidence for 2009 WN 25 being the parent body of the November i-Draconids (NID). <i>Icarus</i> , 2016, 267, 64-67.	2.5	11
56	High precision comet trajectory estimates: The Mars flyby of C/2013 A1 (Siding Spring). <i>Icarus</i> , 2016, 266, 279-287.	2.5	13
57	GRASPING THE NATURE OF POTENTIALLY HAZARDOUS ASTEROIDS. <i>Astronomical Journal</i> , 2016, 151, 11.	4.7	21
58	NEO follow-up, recovery and precovery campaigns at the ESA NEO Coordination Centre. Proceedings of the International Astronomical Union, 2015, 10, 274-281.	0.0	3
59	The Pan-STARRS search for Near Earth Objects. Proceedings of the International Astronomical Union, 2015, 10, 293-298.	0.0	6
60	First EURONEAR NEA discoveries from La Palma using the INTâˆ“.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1614-1624.	4.4	13
61	SUBLIMATION-DRIVEN ACTIVITY IN MAIN-BELT COMET 313P/GIBBS. <i>Astrophysical Journal Letters</i> , 2015, 800, L16.	8.3	30
62	Systematic ranging and late warning asteroid impacts. <i>Icarus</i> , 2015, 258, 18-27.	2.5	38
63	Search for meter-sized bodies in meteoroid streams. <i>Icarus</i> , 2015, 253, 142-148.	2.5	2
64	The main-belt comets: The Pan-STARRS1 perspective. <i>Icarus</i> , 2015, 248, 289-312.	2.5	48
65	Observational constraints on the catastrophic disruption rate of small main belt asteroids. <i>Icarus</i> , 2015, 245, 1-15.	2.5	15
66	An ESA NEOCC Effort to Eliminate High Palermo Scale Virtual Impactors. <i>Earth, Moon and Planets</i> , 2014, 113, 1-13.	0.6	7
67	RADIATION PRESSURE DETECTION AND DENSITY ESTIMATE FOR 2011 MD. <i>Astrophysical Journal Letters</i> , 2014, 788, L1.	8.3	15
68	Discovery of a young asteroid cluster associated with P/2012 F5 (Gibbs). <i>Icarus</i> , 2014, 231, 300-309.	2.5	24
69	High precision predictions for near-Earth asteroids: the strange case of (3908) Nyx. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2014, 119, 301-312.	1.4	10
70	Nongravitational perturbations and virtual impactors: the case of asteroid (410777) 2009 FD. <i>Astronomy and Astrophysics</i> , 2014, 572, A100.	5.1	15
71	Continued activity in P/2013 P5 PANSTARRS. <i>Astronomy and Astrophysics</i> , 2014, 563, A75.	5.1	27
72	THE 2011 JUNE 23 STELLAR OCCULTATION BY PLUTO: AIRBORNE AND GROUND OBSERVATIONS. <i>Astronomical Journal</i> , 2013, 146, 83.	4.7	28

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73	Improved astrometry of (99942) Apophis. <i>Acta Astronautica</i> , 2013, 90, 56-71.	3.2	11
74	2012 LA, an optimal astrometric target for radiation pressure detection. <i>Icarus</i> , 2013, 226, 251-255.	2.5	18
75	The Pan-STARRS Moving Object Processing System. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 357-395.	3.1	124
76	The effect of proper motion on Pan-STARRS asteroid astrometry. <i>Icarus</i> , 2013, 223, 625-627.	2.5	8
77	Yarkovsky-driven impact risk analysis for asteroid (99942) Apophis. <i>Icarus</i> , 2013, 224, 192-200.	2.5	85
78	MAIN-BELT COMET P/2012 T1 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2013, 771, L1.	8.3	31
79	DETERMINATION OF AN UPPER LIMIT FOR THE WATER OUTGASSING RATE OF MAIN-BELT COMET P/2012 T1 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2013, 774, L13.	8.3	27
80	OBSERVATIONAL AND DYNAMICAL CHARACTERIZATION OF MAIN-BELT COMET P/2010 R2 (La Sagra). <i>Astronomical Journal</i> , 2012, 143, 104.	4.7	46
81	DISCOVERY OF MAIN-BELT COMET P/2006 VW ₁₃₉ BY Pan-STARRS1. <i>Astrophysical Journal Letters</i> , 2012, 748, L15.	8.3	49
82	Detection of radiation pressure acting on 2009 BD. <i>New Astronomy</i> , 2012, 17, 446-452.	1.8	25
83	PRELIMINARY RESULTS FROM NEOWISE: AN ENHANCEMENT TO THE WIDE-FIELD INFRARED SURVEY EXPLORER FOR SOLAR SYSTEM SCIENCE. <i>Astrophysical Journal</i> , 2011, 731, 53.	4.5	604
84	SEARCH FOR THE COMET ACTIVITY OF 107P/(4015) WILSON-HARRINGTON DURING THE 2009/2010 APPARITION. <i>Astrophysical Journal</i> , 2011, 726, 101.	4.5	16
85	Absolute magnitude and slope parameter G calibration of asteroid 25143 Itokawa. <i>Meteoritics and Planetary Science</i> , 2009, 44, 1849-1852.	1.6	5
86	Updated analysis of the dynamical relation between asteroid 2003 EH1 and comets C/1490 Y1 and C/1385 U1. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 390, L6-L8.	3.3	6
87	YORP effect on real objects. <i>Astronomy and Astrophysics</i> , 2008, 490, 387-391.	5.1	6