Michael Marsset

List of Publications by Year
in descending order

43 papers	1,324 citations	304743 22 h-index	361022 35 g-index
43 all docs	43 docs citations	43 times ranked	1341 citing authors

#	Article	IF	Citations
1	The Appearance of a â€œFreshâ€•Surface on 596 Scheila as a Consequence of the 2010 Impact Event. Astrophysical Journal Letters, 2022, 924, L9.	8.3	7
2	Col-OSSOS: Probing Ice Line/Color Transitions within the Kuiper Beltâ€™s Progenitor Populations. Planetary Science Journal, 2022, 3, 9.	3.6	3
3	The Debiased Compositional Distribution of MITHNEOS: Global Match between the Near-Earth and Main-belt Asteroid Populations, and Excess of D-type Near-Earth Objects. Astronomical Journal, 2022, 163, 165.	4.7	13
4	Connecting asteroids and meteorites with visible and near-infrared spectroscopy. Icarus, 2022, 380, 114971.	2.5	25
5	Apophis Planetary Defense Campaign. Planetary Science Journal, 2022, 3, 123.	3.6	4
6	Col-OSSOS: The Distinct Color Distribution of Single and Binary Cold Classical KBOs. Planetary Science Journal, 2021, 2, 90.	3.6	5
7	The Rarity of Very Red Trans-Neptunian Objects in the Scattered Disk. Astronomical Journal, 2021, 162, 19.	4.7	4
8	Discovery of Two TNO-like Bodies in the Asteroid Belt. Astrophysical Journal Letters, 2021, 916, L6.	8.3	19
9	An advanced multipole model for (216) Kleopatra triple system. Astronomy and Astrophysics, 2021, 653, A56.	5.1	12
10	(216) Kleopatra, a low density critically rotating M-type asteroid. Astronomy and Astrophysics, 2021, 653, A57.	5.1	20
11	VLT/SPHERE imaging survey of the largest main-belt asteroids: Final results and synthesis. Astronomy and Astrophysics, 2021, 654, A56.	5.1	50
12	A basin-free spherical shape as an outcome of a giant impact on asteroid Hygiea. Nature Astronomy, 2020, 4, 136-141.	10.1	38
13	Asteroid (16) Psycheâ€™s primordial shape: A possible Jacobi ellipsoid. Astronomy and Astrophysics, 2020, 638, L15.	5.1	25
14	The violent collisional history of aqueously evolved (2) Pallas. Nature Astronomy, 2020, 4, 569-576.	10.1	26
15	(704) Interamnia: a transitional object between a dwarf planet and a typical irregular-shaped minor body. Astronomy and Astrophysics, 2020, 633, A65.	5.1	14
16	Twenty Years of SpeX: Accuracy Limits of Spectral Slope Measurements in Asteroid Spectroscopy. Astrophysical Journal, Supplement Series, 2020, 247, 73.	7.7	32
17	Binary asteroid (31) Euphrosyne: ice-rich and nearly spherical. Astronomy and Astrophysics, 2020, 641, A80.	5.1	16
18	Col-OSSOS: Compositional Homogeneity of Three Kuiper Belt Binaries. Planetary Science Journal, 2020, 1, 16.	3.6	8

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19	Col-OSSOS: The Colors of the Outer Solar System Origins Survey. Astrophysical Journal, Supplement Series, 2019, 243, 12.	7.7	31
20	Active Asteroid (6478) Gault: A Blue Q-type Surface below the Dust?. Astrophysical Journal Letters, 2019, 882, L2.	8.3	14
21	Homogeneous internal structure of CM-like asteroid (41) Daphne. Astronomy and Astrophysics, 2019, 623, A132.	5.1	25
22	Col-OSSOS: Color and Inclination Are Correlated throughout the Kuiper Belt. Astronomical Journal, 2019, 157, 94.	4.7	26
23	The shape of (7) Iris as evidence of an ancient large impact?. Astronomy and Astrophysics, 2019, 624, A121.	5.1	12
24	Closing the gap between Earth-based and interplanetary mission observations: Vesta seen by VLT/SPHERE. Astronomy and Astrophysics, 2019, 623, A6.	5.1	20
25	OSSOS. Astronomy and Astrophysics, 2019, 621, A102.	5.1	11
26	Physical, spectral, and dynamical properties of asteroid (107) Camilla and its satellites. Icarus, 2018, 309, 134-161.	2.5	20
27	(16) Psyche: A mesosiderite-like asteroid?. Astronomy and Astrophysics, 2018, 619, L3.	5.1	46
28	The impact crater at the origin of the Julia family detected with VLT/SPHERE?. Astronomy and Astrophysics, 2018, 618, A154.	5.1	29
29	OSSOS. VII. 800+ Trans-Neptunian Objectsâ€”The Complete Data Release. Astrophysical Journal, Supplement Series, 2018, 236, 18.	7.7	108
30	DIFFERENT ORIGINS OR DIFFERENT EVOLUTIONS? DECODING THE SPECTRAL DIVERSITY AMONG C-TYPE ASTEROIDS. Astronomical Journal, 2017, 153, 72.	4.7	55
31	All planetesimals born near the Kuiper belt formed as binaries. Nature Astronomy, 2017, 1, .	10.1	63
32	3D shape of asteroid (6) Hebe from VLT/SPHERE imaging: Implications for the origin of ordinary H chondrites. Astronomy and Astrophysics, 2017, 604, A64.	5.1	35
33	Col-OSSOS: Colors of the Interstellar Planetesimal 1I/â€˜Oumuamua. Astrophysical Journal Letters, 2017, 851, L38.	8.3	96
34	Col-OSSOS: z-Band Photometry Reveals Three Distinct TNO Surface Types. Astronomical Journal, 2017, 154, 101.	4.7	44
35	TRIPPy: TRAILED IMAGE PHOTOMETRY IN PYTHON. Astronomical Journal, 2016, 151, 158.	4.7	30
36	OSSOS. IV. DISCOVERY OF A DWARF PLANET CANDIDATE IN THE 9:2 RESONANCE WITH NEPTUNE. Astronomical Journal, 2016, 152, 212.	4.7	17

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37	COMPOSITIONAL HOMOGENEITY OF CM PARENT BODIES. Astronomical Journal, 2016, 152, 54.	4.7	44
38	Compositional characterisation of the Themis family. Astronomy and Astrophysics, 2016, 586, A15.	5.1	29
39	THE OUTER SOLAR SYSTEM ORIGINS SURVEY. I. DESIGN AND FIRST-QUARTER DISCOVERIES. Astronomical Journal, 2016, 152, 70.	4.7	105
40	EXTREME AO OBSERVATIONS OF TWO TRIPLE ASTEROID SYSTEMS WITH SPHERE. Astrophysical Journal Letters, 2016, 820, L35.	8.3	22
41	VLT/SPHERE- and ALMA-based shape reconstruction of asteroid (3) Juno. Astronomy and Astrophysics, 2015, 581, L3.	5.1	24
42	INTERPLANETARY DUST PARTICLES AS SAMPLES OF ICY ASTEROIDS. Astrophysical Journal, 2015, 806, 204.	4.5	85
43	Similar origin for low- and high-albedo Jovian Trojans and Hilda asteroids?. Astronomy and Astrophysics, 2014, 568, L7.	5.1	12