

Michael Marsset

List of Publications by Year in descending order

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43
papers

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304743

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docs citations

43
times ranked

1341
citing authors

#	ARTICLE	IF	CITATIONS
1	OSSOS. VII. 800+ Trans-Neptunian Objectsâ€™The Complete Data Release. Astrophysical Journal, Supplement Series, 2018, 236, 18.	7.7	108
2	THE OUTER SOLAR SYSTEM ORIGINS SURVEY. I. DESIGN AND FIRST-QUARTER DISCOVERIES. Astronomical Journal, 2016, 152, 70.	4.7	105
3	Col-OSSOS: Colors of the Interstellar Planetesimal 1I/â€™Oumuamua. Astrophysical Journal Letters, 2017, 851, L38.	8.3	96
4	INTERPLANETARY DUST PARTICLES AS SAMPLES OF ICY ASTEROIDS. Astrophysical Journal, 2015, 806, 204.	4.5	85
5	All planetesimals born near the Kuiper belt formed as binaries. Nature Astronomy, 2017, 1, .	10.1	63
6	DIFFERENT ORIGINS OR DIFFERENT EVOLUTIONS? DECODING THE SPECTRAL DIVERSITY AMONG C-TYPE ASTEROIDS. Astronomical Journal, 2017, 153, 72.	4.7	55
7	VLT/SPHERE imaging survey of the largest main-belt asteroids: Final results and synthesis. Astronomy and Astrophysics, 2021, 654, A56.	5.1	50
8	(16) Psyche: A mesosiderite-like asteroid?. Astronomy and Astrophysics, 2018, 619, L3.	5.1	46
9	COMPOSITIONAL HOMOGENEITY OF CM PARENT BODIES. Astronomical Journal, 2016, 152, 54.	4.7	44
10	Col-OSSOS: z-Band Photometry Reveals Three Distinct TNO Surface Types. Astronomical Journal, 2017, 154, 101.	4.7	44
11	A basin-free spherical shape as an outcome of a giant impact on asteroid Hygiea. Nature Astronomy, 2020, 4, 136-141.	10.1	38
12	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
13	Twenty Years of SpeX: Accuracy Limits of Spectral Slope Measurements in Asteroid Spectroscopy. Astrophysical Journal, Supplement Series, 2020, 247, 73.	7.7	32
14	Col-OSSOS: The Colors of the Outer Solar System Origins Survey. Astrophysical Journal, Supplement Series, 2019, 243, 12.	7.7	31
15	TRIPPY: TRAILED IMAGE PHOTOMETRY IN PYTHON. Astronomical Journal, 2016, 151, 158.	4.7	30
16	Compositional characterisation of the Themis family. Astronomy and Astrophysics, 2016, 586, A15.	5.1	29
17	The impact crater at the origin of the Julia family detected with VLT/SPHERE?. Astronomy and Astrophysics, 2018, 618, A154.	5.1	29
18	Col-OSSOS: Color and Inclination Are Correlated throughout the Kuiper Belt. Astronomical Journal, 2019, 157, 94.	4.7	26

#	ARTICLE	IF	CITATIONS
19	The violent collisional history of aqueously evolved (2) Pallas. <i>Nature Astronomy</i> , 2020, 4, 569-576.	10.1	26
20	Homogeneous internal structure of CM-like asteroid (41) Daphne. <i>Astronomy and Astrophysics</i> , 2019, 623, A132.	5.1	25
21	Asteroid (16) Psyche's primordial shape: A possible Jacobi ellipsoid. <i>Astronomy and Astrophysics</i> , 2020, 638, L15.	5.1	25
22	Connecting asteroids and meteorites with visible and near-infrared spectroscopy. <i>Icarus</i> , 2022, 380, 114971.	2.5	25
23	VLT/SPHERE- and ALMA-based shape reconstruction of asteroid (3) Juno. <i>Astronomy and Astrophysics</i> , 2015, 581, L3.	5.1	24
24	EXTREME AO OBSERVATIONS OF TWO TRIPLE ASTEROID SYSTEMS WITH SPHERE. <i>Astrophysical Journal Letters</i> , 2016, 820, L35.	8.3	22
25	Physical, spectral, and dynamical properties of asteroid (107) Camilla and its satellites. <i>Icarus</i> , 2018, 309, 134-161.	2.5	20
26	Closing the gap between Earth-based and interplanetary mission observations: Vesta seen by VLT/SPHERE. <i>Astronomy and Astrophysics</i> , 2019, 623, A6.	5.1	20
27	(216) Kleopatra, a low density critically rotating M-type asteroid. <i>Astronomy and Astrophysics</i> , 2021, 653, A57.	5.1	20
28	Discovery of Two TNO-like Bodies in the Asteroid Belt. <i>Astrophysical Journal Letters</i> , 2021, 916, L6.	8.3	19
29	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
30	Binary asteroid (31) Euphrosyne: ice-rich and nearly spherical. <i>Astronomy and Astrophysics</i> , 2020, 641, A80.	5.1	16
31	Active Asteroid (6478) Gault: A Blue Q-type Surface below the Dust?. <i>Astrophysical Journal Letters</i> , 2019, 882, L2.	8.3	14
32	(704) Interamnia: a transitional object between a dwarf planet and a typical irregular-shaped minor body. <i>Astronomy and Astrophysics</i> , 2020, 633, A65.	5.1	14
33	The Debaised Compositional Distribution of MITHNEOS: Global Match between the Near-Earth and Main-belt Asteroid Populations, and Excess of D-type Near-Earth Objects. <i>Astronomical Journal</i> , 2022, 163, 165.	4.7	13
34	Similar origin for low- and high-albedo Jovian Trojans and Hilda asteroids?. <i>Astronomy and Astrophysics</i> , 2014, 568, L7.	5.1	12
35	The shape of (7) Iris as evidence of an ancient large impact?. <i>Astronomy and Astrophysics</i> , 2019, 624, A121.	5.1	12
36	An advanced multipole model for (216) Kleopatra triple system. <i>Astronomy and Astrophysics</i> , 2021, 653, A56.	5.1	12

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37	OSSOS. <i>Astronomy and Astrophysics</i> , 2019, 621, A102.	5.1	11
38	Col-OSSOS: Compositional Homogeneity of Three Kuiper Belt Binaries. <i>Planetary Science Journal</i> , 2020, 1, 16.	3.6	8
39	The Appearance of a “Fresh” Surface on 596 Scheila as a Consequence of the 2010 Impact Event. <i>Astrophysical Journal Letters</i> , 2022, 924, L9.	8.3	7
40	Col-OSSOS: The Distinct Color Distribution of Single and Binary Cold Classical KBOs. <i>Planetary Science Journal</i> , 2021, 2, 90.	3.6	5
41	The Rarity of Very Red Trans-Neptunian Objects in the Scattered Disk. <i>Astronomical Journal</i> , 2021, 162, 19.	4.7	4
42	Apophis Planetary Defense Campaign. <i>Planetary Science Journal</i> , 2022, 3, 123.	3.6	4
43	Col-OSSOS: Probing Ice Line/Color Transitions within the Kuiper Belt’s Progenitor Populations. <i>Planetary Science Journal</i> , 2022, 3, 9.	3.6	3