

Michael Mueller

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

6,365
citations

172457

29
h-index

197818

49
g-index

50
all docs

50
docs citations

50
times ranked

9447
citing authors

#	ARTICLE	IF	CITATIONS
1	The Astropy Project: Building an Open-science Project and Status of the v2.0 Core Package [*] . <i>Astronomical Journal</i> , 2018, 156, 123.	4.7	4,142
2	Thermal inertia of near-Earth asteroids and implications for the magnitude of the Yarkovsky effect. <i>Icarus</i> , 2007, 190, 236-249.	2.5	207
3	Asteroid (101955) 1999 RQ36: Spectroscopy from 0.4 to 2.4 μ m and meteorite analogs. <i>Icarus</i> , 2011, 216, 462-475.	2.5	156
4	“TNOs are Cool” A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2013, 557, A60.	5.1	109
5	“TNOs are Cool” A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2012, 541, A92.	5.1	86
6	A radar survey of M- and X-class asteroids II. Summary and synthesis. <i>Icarus</i> , 2010, 208, 221-237.	2.5	82
7	Spitzer Observations of Interstellar Object 1I/“Oumuamua. <i>Astronomical Journal</i> , 2018, 156, 261.	4.7	80
8	Hayabusa-2 mission target asteroid 162173 Ryugu (1999 JU ₃): Searching for the object’s spin-axis orientation. <i>Astronomy and Astrophysics</i> , 2017, 599, A103.	5.1	77
9	“TNOs are Cool” A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2012, 541, A94.	5.1	76
10	“TNOs are Cool” A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2014, 564, A35.	5.1	71
11	ExploreNEOs. V. AVERAGE ALBEDO BY TAXONOMIC COMPLEX IN THE NEAR-EARTH ASTEROID POPULATION. <i>Astronomical Journal</i> , 2011, 142, 85.	4.7	69
12	Eclipsing binary Trojan asteroid Patroclus: Thermal inertia from Spitzer observations. <i>Icarus</i> , 2010, 205, 505-515.	2.5	68
13	EXPLORENEOs. I. DESCRIPTION AND FIRST RESULTS FROM THE WARM<i>SPITZER</i> NEAR-EARTH OBJECT SURVEY. <i>Astronomical Journal</i> , 2010, 140, 770-784.	4.7	68
14	THE DISCOVERY OF COMETARY ACTIVITY IN NEAR-EARTH ASTEROID (3552) DON QUIXOTE. <i>Astrophysical Journal</i> , 2014, 781, 25.	4.5	68
15	“TNOs are Cool” A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2010, 518, L148.	5.1	60
16	TNOs are cool: A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2012, 541, A93.	5.1	59
17	ExploreNEOs. III. PHYSICAL CHARACTERIZATION OF 65 POTENTIAL SPACECRAFT TARGET ASTEROIDS. <i>Astronomical Journal</i> , 2011, 141, 109.	4.7	57
18	Multiple asteroid systems: Dimensions and thermal properties from Spitzer Space Telescope and ground-based observations. <i>Icarus</i> , 2012, 221, 1130-1161.	2.5	56

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19	TNOs are Cool: A Survey of the Transneptunian Region. <i>Earth, Moon and Planets</i> , 2009, 105, 209-219.	0.6	55
20	Physical characterization of Warm Spitzer-observed near-Earth objects. <i>Icarus</i> , 2014, 228, 217-246.	2.5	55
21	“TNOs are Cool” A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2010, 518, L147.	5.1	51
22	“TNOs are Cool” A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2014, 564, A92.	5.1	50
23	“TNOs are Cool” A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2010, 518, L146.	5.1	48
24	Physical properties of trans-neptunian binaries (120347) Salacia–Actaea and (42355) Typhon–Echidna. <i>Icarus</i> , 2012, 219, 676-688.	2.5	48
25	The size and albedo of Rosetta fly-by target 21 Lutetia from new IRTF measurements and thermal modeling. <i>Astronomy and Astrophysics</i> , 2006, 447, 1153-1158.	5.1	46
26	Radar and photometric observations and shape modeling of contact binary near-Earth Asteroid (8567) 1996 HW1. <i>Icarus</i> , 2011, 214, 210-227.	2.5	46
27	CONSTRAINING THE PHYSICAL PROPERTIES OF NEAR-EARTH OBJECT 2009 BD. <i>Astrophysical Journal</i> , 2014, 786, 148.	4.5	35
28	A survey of Karin cluster asteroids with the Spitzer Space Telescope. <i>Icarus</i> , 2009, 199, 86-96.	2.5	30
29	The cool surfaces of binary near-Earth asteroids. <i>Icarus</i> , 2011, 212, 138-148.	2.5	30
30	Physical characterization of the potentially hazardous high-albedo Asteroid (33342) 1998 WT24 from thermal-infrared observations. <i>Icarus</i> , 2007, 188, 414-424.	2.5	29
31	The surface properties of small asteroids: Peculiar Betulia—A case study. <i>Icarus</i> , 2005, 179, 95-108.	2.5	28
32	PHYSICAL PROPERTIES OF NEAR-EARTH ASTEROID 2011 MD. <i>Astrophysical Journal Letters</i> , 2014, 789, L22.	8.3	28
33	Size, albedo, and taxonomic type of potential spacecraft target Asteroid (10302) 1989 ML. <i>Icarus</i> , 2007, 187, 611-615.	2.5	26
34	ExploreNEOs. II. THE ACCURACY OF THE WARM SPITZER NEAR-EARTH OBJECT SURVEY. <i>Astronomical Journal</i> , 2011, 141, 75.	4.7	21
35	“TNOs are Cool” A survey of the trans-Neptunian region. <i>Astronomy and Astrophysics</i> , 2018, 618, A136.	5.1	21
36	NEOSURVEY 1: INITIAL RESULTS FROM THE WARM SPITZER EXPLORATION SCIENCE SURVEY OF NEAR-EARTH OBJECT PROPERTIES. <i>Astronomical Journal</i> , 2016, 152, 172.	4.7	20

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37	Delivery of organics to Mars through asteroid and comet impacts. <i>Icarus</i> , 2018, 309, 125-133.	2.5	18
38	PHYSICAL CHARACTERIZATION AND ORIGIN OF BINARY NEAR-EARTH ASTEROID (175706) 1996 FG3. <i>Astrophysical Journal</i> , 2012, 748, 104.	4.5	15
39	Data processing pipeline for <i>Herschel</i> HIFI. <i>Astronomy and Astrophysics</i> , 2017, 608, A49.	5.1	14
40	EXPLORENEOs. VIII. DORMANT SHORT-PERIOD COMETS IN THE NEAR-EARTH ASTEROID POPULATION. <i>Astronomical Journal</i> , 2015, 150, 106.	4.7	12
41	Physical Characterization of TNOs with the <i>James Webb Space Telescope</i> . <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 018010.	3.1	11
42	Diameters and Albedos of Three Subkilometer Near-Earth Objects Derived from <i>Spitzer</i> Observations. <i>Astrophysical Journal</i> , 2008, 683, L199-L202.	4.5	9
43	Observing Near-Earth Objects with the <i>James Webb Space Telescope</i> . <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 018002.	3.1	8
44	<i>Spitzer</i> 's Solar System studies of asteroids, planets and the zodiacal cloud. <i>Nature Astronomy</i> , 2020, 4, 940-946.	10.1	7
45	Infrared Light Curves of Near-Earth Objects. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 22.	7.7	4
46	Exogenous delivery of water to Mercury. <i>Icarus</i> , 2022, 383, 114980.	2.5	4
47	Enrichment of the HR 8799 planets by minor bodies and dust. <i>Astronomy and Astrophysics</i> , 2020, 638, A50.	5.1	2
48	BayesicFitting, a PYTHON toolbox for Bayesian fitting and evidence calculation.. <i>Astronomy and Computing</i> , 2021, 37, 100503.	1.7	2
49	Trajectory and physical properties of near-Earth asteroid 2009 BD. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 142-145.	0.0	1
50	In-flight calibration of the HIFI diplexers. <i>Experimental Astronomy</i> , 2014, 37, 369-379.	3.7	0