

Joachim Moeyens

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

923
citations

4
h-index

10
g-index

10
ext. papers

1,360
ext. citations

4.1
avg. IF

2.43
L-index

#	Paper	IF	Citations
10	Simulated SPHEREx spectra of asteroids and their implications for asteroid size and reflectance estimation. <i>Icarus</i> , 2022 , 371, 114696	3.8	1
9	iCompare: A Package for Automated Comparison of Solar System Integrators*. <i>Research Notes of the AAS</i> , 2021 , 5, 267	0.8	
8	Sifting through the Static: Moving Object Detection in Difference Images. <i>Astronomical Journal</i> , 2021 , 162, 245	4.9	1
7	THOR: An Algorithm for Cadence-independent Asteroid Discovery. <i>Astronomical Journal</i> , 2021 , 162, 143	4.9	2
6	Generalization of a method by Mossotti for initial orbit determination. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2021 , 133, 1	1.4	1
5	ATM: An open-source tool for asteroid thermal modeling and its application to NEOWISE data. <i>Icarus</i> , 2020 , 341, 113575	3.8	4
4	Fast Algorithms for Slow Moving Asteroids: Constraints on the Distribution of Kuiper Belt Objects. <i>Astronomical Journal</i> , 2019 , 157, 119	4.9	7
3	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019 , 873, 111	4.7	814
2	APO Time-resolved Color Photometry of Highly Elongated Interstellar Object 1I/Dumumua. <i>Astrophysical Journal Letters</i> , 2018 , 852, L2	7.9	70
1	The Large Synoptic Survey Telescope as a Near-Earth Object discovery machine. <i>Icarus</i> , 2018 , 303, 181-202	9.28	23