

Amir Siraj

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

96
citations

1478505

6
h-index

1474206

9
g-index

19
all docs

19
docs citations

19
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying Interstellar Objects Trapped in the Solar System through Their Orbital Parameters. <i>Astrophysical Journal Letters</i> , 2019, 872, L10.	8.3	24
2	Interstellar objects outnumber Solar system objects in the Oort cloud. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 507, L16-L18.	3.3	11
3	The mass budget necessary to explain $\text{\u00c2}^{\u00e9}$ Oumuamua as a nitrogen iceberg. <i>New Astronomy</i> , 2021, 92, 101730.	1.8	8
4	The Case for an Early Solar Binary Companion. <i>Astrophysical Journal Letters</i> , 2020, 899, L24.	8.3	7
5	Observable Signatures of the Ejection Speed of Interstellar Objects from Their Birth Systems. <i>Astrophysical Journal Letters</i> , 2020, 903, L20.	8.3	7
6	$\text{\u00c2}^{\u00e9}$ Oumuamua's Geometry Could Be More Extreme than Previously Inferred. <i>Research Notes of the AAS</i> , 2019, 3, 15.	0.7	7
7	Searching for Black Holes in the Outer Solar System with LSST. <i>Astrophysical Journal Letters</i> , 2020, 898, L4.	8.3	6
8	A real-time search for interstellar impacts on the moon. <i>Acta Astronautica</i> , 2020, 173, 53-55.	3.2	4
9	Impacts of Dust Grains Accelerated by Supernovae on the Moon. <i>Astrophysical Journal Letters</i> , 2020, 895, L42.	8.3	3
10	Possible Transfer of Life by Earth-Grazing Objects to Exoplanetary Systems. <i>Life</i> , 2020, 10, 44.	2.4	3
11	Detecting Interstellar Objects through Stellar Occultations. <i>Astrophysical Journal Letters</i> , 2020, 891, L3.	8.3	3
12	Radio Flares from Collisions of Neutron Stars with Interstellar Asteroids. <i>Research Notes of the AAS</i> , 2019, 3, 130.	0.7	3
13	New Constraints on the Composition and Initial Speed of CNEOS 2014-01-08. <i>Research Notes of the AAS</i> , 2022, 6, 81.	0.7	3
14	Exporting terrestrial life out of the Solar System with gravitational slingshots of Earthgrazing bodies. <i>International Journal of Astrobiology</i> , 2020, 19, 260-263.	1.6	2
15	Repeated impact-driven plume formation on Enceladus over megayear timescales. <i>Icarus</i> , 2021, 357, 114281.	2.5	2
16	Intelligent responses to our technological signals will not arrive in fewer than three millennia. <i>Acta Astronautica</i> , 2021, 189, 349-351.	3.2	1
17	An Argument for a Kilometer-scale Nucleus of C/2019 Q4. <i>Research Notes of the AAS</i> , 2019, 3, 132.	0.7	1
18	Risks for Life on Proxima b from Sterilizing Impacts. <i>Planetary Science Journal</i> , 2020, 1, 86.	3.6	1

#	ARTICLE	IF	CITATIONS
19	Explaining Neptune's Eccentricity. Research Notes of the AAS, 2021, 5, 145.	0.7	0