

# Amir Siraj

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6855720/publications.pdf>

Version: 2024-02-01

19  
papers

96  
citations

1478505

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h-index

1474206

9  
g-index

19  
all docs

19  
docs citations

19  
times ranked

82  
citing authors

#	ARTICLE	IF	CITATIONS
1	New Constraints on the Composition and Initial Speed of CNEOS 2014-01-08. Research Notes of the AAS, 2022, 6, 81.	0.7	3
2	Repeated impact-driven plume formation on Enceladus over megayear timescales. Icarus, 2021, 357, 114281.	2.5	2
3	Explaining Neptune's Eccentricity. Research Notes of the AAS, 2021, 5, 145.	0.7	0
4	Interstellar objects outnumber Solar system objects in the Oort cloud. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 507, L16-L18.	3.3	11
5	Intelligent responses to our technological signals will not arrive in fewer than three millennia. Acta Astronautica, 2021, 189, 349-351.	3.2	1
6	The mass budget necessary to explain $\tilde{\text{Oumuamua}}$ as a nitrogen iceberg. New Astronomy, 2021, 92, 101730.	1.8	8
7	A real-time search for interstellar impacts on the moon. Acta Astronautica, 2020, 173, 53-55.	3.2	4
8	Searching for Black Holes in the Outer Solar System with LSST. Astrophysical Journal Letters, 2020, 898, L4.	8.3	6
9	Impacts of Dust Grains Accelerated by Supernovae on the Moon. Astrophysical Journal Letters, 2020, 895, L42.	8.3	3
10	Exporting terrestrial life out of the Solar System with gravitational slingshots of Earthgrazing bodies. International Journal of Astrobiology, 2020, 19, 260-263.	1.6	2
11	Possible Transfer of Life by Earth-Grazing Objects to Exoplanetary Systems. Life, 2020, 10, 44.	2.4	3
12	Detecting Interstellar Objects through Stellar Occultations. Astrophysical Journal Letters, 2020, 891, L3.	8.3	3
13	The Case for an Early Solar Binary Companion. Astrophysical Journal Letters, 2020, 899, L24.	8.3	7
14	Observable Signatures of the Ejection Speed of Interstellar Objects from Their Birth Systems. Astrophysical Journal Letters, 2020, 903, L20.	8.3	7
15	Risks for Life on Proxima b from Sterilizing Impacts. Planetary Science Journal, 2020, 1, 86.	3.6	1
16	Identifying Interstellar Objects Trapped in the Solar System through Their Orbital Parameters. Astrophysical Journal Letters, 2019, 872, L10.	8.3	24
17	$\tilde{\text{Oumuamua}}$ 's Geometry Could Be More Extreme than Previously Inferred. Research Notes of the AAS, 2019, 3, 15.	0.7	7
18	Radio Flares from Collisions of Neutron Stars with Interstellar Asteroids. Research Notes of the AAS, 2019, 3, 130.	0.7	3

#	ARTICLE	IF	CITATIONS
19	An Argument for a Kilometer-scale Nucleus of C/2019 Q4. Research Notes of the AAS, 2019, 3, 132.	0.7	1