

Adam R Sarafian

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

482
citations

933447

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h-index

1058476

14
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all docs

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docs citations

14
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	How do secondary iron enrichments form within basaltic eucrites? An experimental approach. <i>Meteoritics and Planetary Science</i> , 2021, 56, 911.	1.6	2
2	Highly volatile element (H, C, F, Cl, S) abundances and H isotopic compositions in chondrules from carbonaceous and ordinary chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 301, 230-258.	3.9	13
3	Fossil records of early solar irradiation and cosmolocation of the CAI factory: A reappraisal. <i>Science Advances</i> , 2021, 7, eabg8329.	10.3	4
4	The brecciated texture of polymict eucrites: Petrographic investigations of unequilibrated meteorites from the Antarctic Yamato collection. <i>Meteoritics and Planetary Science</i> , 2020, 55, 558-574.	1.6	5
5	The water and fluorine content of 4 Vesta. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 266, 568-581.	3.9	21
6	Vanadium isotope composition of seawater. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 403-415.	3.9	32
7	Experimental constraints on the damp peridotite solidus and oceanic mantle potential temperature. <i>Science</i> , 2017, 355, 942-945.	12.6	61
8	Early accretion of water and volatile elements to the inner Solar System: evidence from angrites. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160209.	3.4	51
9	Angrite meteorites record the onset and flux of water to the inner solar system. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 212, 156-166.	3.9	33
10	Chlorine and hydrogen degassing in Vesta's magma ocean. <i>Earth and Planetary Science Letters</i> , 2017, 459, 311-319.	4.4	57
11	Petrogenesis of coeval sodic and potassic alkaline magmas at Spanish Peaks, Colorado: Magmatism related to the opening of the Rio Grande rift. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 453-476.	3.9	10
12	Early accretion of water in the inner solar system from a carbonaceous chondrite-like source. <i>Science</i> , 2014, 346, 623-626.	12.6	128
13	The volatile content of Vesta: Clues from apatite in eucrites. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2135-2154.	1.6	64