Adam R Sarafian

List of Publications by Year
in descending order

13	482	933447 10	1058476 14
papers	citations	h-index	g-index

14	14	14	668
all docs	docs citations	times ranked	citing authors

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