

Sarah A Crowther

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

389
citations

933447

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752698

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all docs

21
docs citations

21
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	Xenon systematics of individual lunar zircons, a new window on the history of the lunar surface. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 286, 103-118.	3.9	4
2	Old formation ages of igneous clasts on the L chondrite parent body reflect an early generation of planetesimals or chondrule formation. <i>Earth and Planetary Science Letters</i> , 2018, 481, 372-386.	4.4	4
3	The I-Xe chronometer and its constraints on the accretion and evolution of planetesimals. <i>Geochemical Journal</i> , 2017, 51, 69-80.	1.0	9
4	Cosmochemical and spectroscopic properties of Northwest Africa 7325â€”A consortium study. <i>Meteoritics and Planetary Science</i> , 2016, 51, 3-30.	1.6	32
5	Xenon and iodine reveal multiple distinct exotic xenon components in Efremovka â€œnanodiamondsâ€œ. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 177, 78-93.	3.9	9
6	Noble gases and halogens in Graves Nunataks 06129: The complex thermal history of a felsic asteroid crust. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 159, 177-189.	3.9	5
7	The Genesis solar xenon composition and its relationship to planetary xenon signatures. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 17-34.	3.9	34
8	Short lived ^{36}Cl and its decay products ^{36}Ar and ^{36}S in the early solar system. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 358-367.	3.9	10
9	Measuring the elemental abundance and isotopic signature of solar wind xenon collected by the Genesis mission. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 256-269.	3.0	13
10	Solar composition from the Genesis Discovery Mission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19147-19151.	7.1	27
11	Non-basaltic asteroidal magmatism during the earliest stages of solar system evolution: A view from Antarctic achondrites Graves Nunatak 06128 and 06129. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 1172-1199.	3.9	59
12	Terrestrial and Martian weathering signatures of xenon components in shergottite mineral separates. <i>Meteoritics and Planetary Science</i> , 2010, 45, 1359-1379.	1.6	6
13	Triple Fâ€”a comet nucleus sample return mission. <i>Experimental Astronomy</i> , 2009, 23, 809-847.	3.7	14
14	Upper limit concentrations of trapped xenon in individual interplanetary dust particles from the stratosphere. <i>Meteoritics and Planetary Science</i> , 2009, 44, 249-259.	1.6	4
15	An early Iâ€”Xe age for CB chondrite chondrule formation, and a reâ€œevaluation of the closure age of Shallowater enstatite. <i>Meteoritics and Planetary Science</i> , 2009, 44, 573-579.	1.6	29
16	Collisional modification of the acapulcoite/lodranite parent body revealed by the iodineâ€”xenon system in lodranites. <i>Meteoritics and Planetary Science</i> , 2009, 44, 1151-1159.	1.6	10
17	Characteristics and applications of RELAX, an ultrasensitive resonance ionization mass spectrometer for xenon. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 938.	3.0	45
18	Geochemical constraints on the half-life of ^{130}Te . <i>Physical Review C</i> , 2008, 78, .	2.9	15

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19	Pu ²³⁸ , U ²³⁸ , U ²³⁵ chronology and isotope systematics of ancient zircons from Western Australia. <i>Earth and Planetary Science Letters</i> , 2007, 261, 491-499.	4.4	46
20	The 313nm band system of SeO ₂ . Part 1: vibrational structure. <i>Journal of Molecular Spectroscopy</i> , 2004, 225, 196-205.	1.2	7
21	The 313nm band system of SeO ₂ . Part 2: rotational structure. <i>Journal of Molecular Spectroscopy</i> , 2004, 225, 206-221.	1.2	7