

Sanna Alwmark

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

210
citations

1307594

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1058476

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docs citations

16
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Empirical constraints on progressive shock metamorphism of magnetite from the Siljan impact structure, Sweden. <i>Geology</i> , 2022, 50, 377-382.	4.4	2
2	Identifying Shocked Feldspar on Mars Using Perseverance Spectroscopic Instruments: Implications for Geochronology Studies on Returned Samples. <i>Earth, Moon and Planets</i> , 2022, 126, .	0.6	4
3	The scale of a martian hydrothermal system explored using combined neutron and x-ray tomography. <i>Science Advances</i> , 2022, 8, eabn3044.	10.3	4
4	Shock deformation in zircon grains from the Mien impact structure, Sweden. <i>Meteoritics and Planetary Science</i> , 2021, 56, 362-378.	1.6	5
5	The effect of low-temperature annealing on discordance of U–Pb zircon ages. <i>Scientific Reports</i> , 2021, 11, 7079.	3.3	8
6	Shocked quartz in distal ejecta from the Ries impact event (Germany) found at ~180 km distance, near Bernhardzell, eastern Switzerland. <i>Scientific Reports</i> , 2021, 11, 7438.	3.3	3
7	Resolving the age of the Puchezh-Katunki impact structure (Russia) against alteration and inherited $^{40}\text{Ar}^*$ – No link with extinctions. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 301, 116-140.	3.9	3
8	Impact cratering record of Sweden – A review. , 2021, , .		3
9	Stratigraphic Relationships in Jezero Crater, Mars: Constraints on the Timing of Fluvial–Lacustrine Activity From Orbital Observations. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006840.	3.6	20
10	Exceptional preservation of reidite in the Rochechouart impact structure, France: New insights into shock deformation and phase transition of zircon. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1795-1828.	1.6	8
11	Perseverance rover reveals an ancient delta-lake system and flood deposits at Jezero crater, Mars. <i>Science</i> , 2021, 374, 711-717.	12.6	86
12	An Early Jurassic age for the Puchezh–Katunki impact structure (Russia) based on $^{40}\text{Ar}/^{39}\text{Ar}$ data and palynology. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1764-1780.	1.6	8
13	Estimating average shock pressures recorded by impactite samples based on universal Åstage investigations of planar deformation features in quartz – Sources of error and recommendations. <i>Meteoritics and Planetary Science</i> , 2018, 53, 110-130.	1.6	19
14	Combining shock barometry with numerical modeling: Insights into complex crater formation – The example of the Siljan impact structure (Sweden). <i>Meteoritics and Planetary Science</i> , 2017, 52, 2521-2549.	1.6	13
15	Impact origin for the Hummeln structure (Sweden) and its link to the Ordovician disruption of the L chondrite parent body. <i>Geology</i> , 2015, 43, 279-282.	4.4	17
16	A tale of clusters: No resolvable periodicity in the terrestrial impact cratering record. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx211.	4.4	7