

# Sanna Alwmark

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2464840/publications.pdf>

Version: 2024-02-01

16  
papers

210  
citations

1307594

7  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

143  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Estimating average shock pressures recorded by impactite samples based on universal Åstage investigations of planar deformation features in quartz ÅSources of error and recommendations. <i>Meteoritics and Planetary Science</i> , 2018, 53, 110-130.	1.6	19
4	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
5	Combining shock barometry with numerical modeling: Insights into complex crater formation ÅThe example of the Siljan impact structure (Sweden). <i>Meteoritics and Planetary Science</i> , 2017, 52, 2521-2549.	1.6	13
6	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
7	The effect of low-temperature annealing on discordance of U-Pb zircon ages. <i>Scientific Reports</i> , 2021, 11, 7079.	3.3	8
8	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
9	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
10	Shock deformation in zircon grains from the Mien impact structure, Sweden. <i>Meteoritics and Planetary Science</i> , 2021, 56, 362-378.	1.6	5
11	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
12	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
13	Shocked quartz in distal ejecta from the Ries impact event (Germany) found at Å~180 Åkm distance, near Bernhardzell, eastern Switzerland. <i>Scientific Reports</i> , 2021, 11, 7438.	3.3	3
14	Resolving the age of the Puchezh-Katunki impact structure (Russia) against alteration and inherited $^{40}\text{Ar}$ Å No link with extinctions. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 301, 116-140.	3.9	3
15	Impact cratering record of Sweden ÅA review. , 2021, , .		3
16	Empirical constraints on progressive shock metamorphism of magnetite from the Siljan impact structure, Sweden. <i>Geology</i> , 2022, 50, 377-382.	4.4	2