

# Elder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9214666/publications.pdf>

Version: 2024-02-01

15  
papers

275  
citations

1040056

9  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochronological constraints on the age of a Permo-Triassic impact event: U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ results for the 40km Araguainha structure of central Brazil. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 86, 214-227.	3.9	74
2	The 1420Ma Indiva-Mafic Intrusion (SW Amazonian Craton): Paleomagnetic results and implications for the Columbia supercontinent. <i>Gondwana Research</i> , 2012, 22, 956-973.	6.0	52
3	Insights into the morphology, geometry, and post-impact erosion of the Araguainha peak-ring structure, central Brazil. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 1135-1150.	3.3	30
4	Insights into the morphology of the Serra da Cangalha impact structure from geophysical modeling. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1659-1670.	1.6	18
5	Hydrothermal alteration in basalts from Vargeão impact structure, south Brazil, and implications for recognition of impact-induced hydrothermalism on Mars. <i>Icarus</i> , 2015, 252, 347-365.	2.5	16
6	In situ U/Pb dating of impact-produced zircons from the Vargeão Dome (Southern Brazil). <i>Meteoritics and Planetary Science</i> , 2013, 48, 420-431.	1.6	15
7	Magnetic fabric of Araguainha complex impact structure (Central Brazil): Implications for deformation mechanisms and central uplift formation. <i>Earth and Planetary Science Letters</i> , 2012, 331-332, 347-359.	4.4	13
8	Palaeomagnetism of the Permo-Triassic Araguainha impact structure (Central Brazil) and implications for Pangean reconstructions. <i>Geophysical Journal International</i> , 2014, 198, 154-163.	2.4	10
9	Changes in summer precipitation variability in central Brazil over the past eight decades. <i>International Journal of Climatology</i> , 2021, 41, 4171-4186.	3.5	10
10	Magnetic Characterization by Scanning Microscopy of Functionalized Iron Oxide Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 2197.	4.1	10
11	Rock magnetism of hematitic "bombs" from the Araguainha impact structure, Brazil. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	8
12	Characterizing Complex Mineral Structures in Thin Sections of Geological Samples with a Scanning Hall Effect Microscope. <i>Sensors</i> , 2019, 19, 1636.	3.8	8
13	Scanning Magnetic Microscope Using a Gradiometric Configuration for Characterization of Rock Samples. <i>Materials</i> , 2019, 12, 4154.	2.9	7
14	Estimating the magnetization distribution within rectangular rock samples. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3350-3374.	2.5	3
15	Conference report: Large Meteorite Impacts and Planetary Evolution VI. <i>Meteoritics and Planetary Science</i> , 2020, 55, 245-250.	1.6	1