

Marco Ag Andreoli

List of Publications by Year in descending order

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26
papers

988
citations

471509

17
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

858
citing authors

#	ARTICLE	IF	CITATIONS
1	The chemistry of the extraterrestrial carbonaceous stone "Hypatia": A perspective on dust heterogeneity in interstellar space. <i>Icarus</i> , 2022, 382, 115043.	2.5	1
2	Granitoid gneisses of the Morokweng impact structure: Implications for Neoarchean evolution of the western Kaapvaal craton. <i>Lithos</i> , 2022, 426-427, 106793.	1.4	0
3	Timescales of impact melt sheet crystallization and the precise age of the Morokweng impact structure, South Africa. <i>Earth and Planetary Science Letters</i> , 2021, 567, 117013.	4.4	5
4	Petrography of the carbonaceous, diamond-bearing stone "Hypatia" from southwest Egypt: A contribution to the debate on its origin. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 223, 462-492.	3.9	12
5	3D seismic analysis of the AK Fault, Orange Basin, South Africa: Implications for hydrocarbon leakage and offshore neotectonics. <i>Tectonophysics</i> , 2017, 721, 477-490.	2.2	10
6	A comprehensive study of noble gases and nitrogen in "Hypatia", a diamond-rich pebble from SW Egypt. <i>Earth and Planetary Science Letters</i> , 2015, 432, 243-253.	4.4	8
7	Unique chemistry of a diamond-bearing pebble from the Libyan Desert Glass strewnfield, SW Egypt: Evidence for a shocked comet fragment. <i>Earth and Planetary Science Letters</i> , 2013, 382, 21-31.	4.4	21
8	Intracrustal radioactivity as an important heat source for Neoarchean metamorphism in the Central Zone of the Limpopo Complex. , 2011, , .		12
9	Denudation along the Atlantic passive margin: new insights from apatite fission-track analysis on the western coast of South Africa. <i>Geological Society Special Publication</i> , 2009, 324, 287-306.	1.3	39
10	Reply to comment by W.U. Reimold, R.L. Gibson, and H. Henkel on Muondjua et al. (2007), "Magnetic imaging of the Vredefort impact crater, South Africa", <i>EPSL</i> 261, pp 456-468. <i>Earth and Planetary Science Letters</i> , 2008, 273, 397-399.	4.4	3
11	Present denudation rates at selected sections of the South African escarpment and the elevated continental interior based on cosmogenic ³ He and ²¹ Ne. <i>South African Journal of Geology</i> , 2007, 110, 235-248.	1.2	58
12	Patterns of stress and strain rate in southern Africa. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	69
13	Discovery of a 25-cm asteroid clast in the giant Morokweng impact crater, South Africa. <i>Nature</i> , 2006, 441, 203-206.	27.8	84
14	⁴⁰ Ar/ ³⁹ Ar age constraints on low-grade metamorphism and cleavage development in the Transvaal Supergroup (central Kaapvaal craton, South Africa): implications for the tectonic setting of the Bushveld Igneous Complex. <i>South African Journal of Geology</i> , 2006, 109, 393-410.	1.2	31
15	Correlations between U, Th Content and Metamorphic Grade in the Western Namaqualand Belt, South Africa, with Implications for Radioactive Heating of the Crust. <i>Journal of Petrology</i> , 2006, 47, 1095-1118.	2.8	75
16	Offshore mud volcanoes and onland faulting in southwestern Africa: neotectonic implications and constraints on the regional stress field. <i>Earth and Planetary Science Letters</i> , 2005, 231, 147-160.	4.4	58
17	Siderophile-rich inclusions from the Morokweng impact melt sheet, South Africa: possible fragments of a chondritic meteorite. <i>Earth and Planetary Science Letters</i> , 2002, 198, 49-62.	4.4	39
18	The degradation of monazite: Implications for the mobility of rare-earth and actinide elements during low-temperature alteration. <i>European Journal of Mineralogy</i> , 2002, 14, 487-498.	1.3	40

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19	Platinum-group elements in the Morokweng impact structure, South Africa: Evidence for the impact of a large ordinary chondrite projectile at the Jurassic-Cretaceous boundary. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 299-309.	3.9	96
20	Archean age for the granulite facies metamorphism near the center of the Vredefort structure, South Africa. <i>Geology</i> , 1999, 27, 1091.	4.4	55
21	Magnetic anomaly near the center of the Vredefort structure: Implications for impact-related magnetic signatures. <i>Geology</i> , 1995, 23, 277.	4.4	55
22	The geology of the Steenkampskraal monazite deposit, South Africa; implications for REE-Th-Cu mineralization in charnockite-granulite terranes. <i>Economic Geology</i> , 1994, 89, 994-1016.	3.8	52
23	Aspects of the dynamic and thermal metamorphic history of the Vredefort cryptoexplosion structure: implications for its origin. <i>Tectonophysics</i> , 1991, 192, 313-331.	2.2	40
24	Ultramafic rocks in the centre of the Vredefort structure (South Africa): Possible exposure of the upper mantle?. <i>Chemical Geology</i> , 1990, 83, 233-248.	3.3	33
25	Geochemistry across an exposed section of Archaean crust at Vredefort, South Africa: with implications for mid-crustal discontinuities. <i>Chemical Geology</i> , 1990, 82, 21-50.	3.3	91
26	Non-Destructive Residual Stress Investigations of Natural Polycrystalline Diamonds. <i>Advanced Materials Research</i> , 0, 996, 969-974.	0.3	1