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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	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. Geochimica Et Cosmochimica Acta, 2001, 65, 299-309.	3.9	96
2	Geochemistry across an exposed section of Archaean crust at Vredefort, South Africa: with implications for mid-crustal discontinuities. Chemical Geology, 1990, 82, 21-50.	3.3	91
3	Discovery of a 25-cm asteroid clast in the giant Morokweng impact crater, South Africa. Nature, 2006, 441, 203-206.	27.8	84
4	Correlations between U, Th Content and Metamorphic Grade in the Western Namaqualand Belt, South Africa, with Implications for Radioactive Heating of the Crust. Journal of Petrology, 2006, 47, 1095-1118.	2.8	75
5	Patterns of stress and strain rate in southern Africa. Journal of Geophysical Research, 2006, 111, .	3.3	69
6	Offshore mud volcanoes and onland faulting in southwestern Africa: neotectonic implications and constraints on the regional stress field. Earth and Planetary Science Letters, 2005, 231, 147-160.	4.4	58
7	Present denudation rates at selected sections of the South African escarpment and the elevated continental interior based on cosmogenic 3He and 21Ne. South African Journal of Geology, 2007, 110, 235-248.	1.2	58
8	Magnetic anomaly near the center of the Vredefort structure: Implications for impact-related magnetic signatures. Geology, 1995, 23, 277.	4.4	55
9	Archean age for the granulite facies metamorphism near the center of the Vredefort structure, South Africa. Geology, 1999, 27, 1091.	4.4	55
10	The geology of the Steenkampskraal monazite deposit, South Africa; implications for REE-Th-Cu mineralization in charnockite-granulite terranes. Economic Geology, 1994, 89, 994-1016.	3.8	52
11	Aspects of the dynamic and thermal metamorphic history of the Vredefort cryptoexplosion structure: implications for its origin. Tectonophysics, 1991, 192, 313-331.	2.2	40
12	The degradation of monazite: Implications for the mobility of rare-earth and actinide elements during low-temperature alteration. European Journal of Mineralogy, 2002, 14, 487-498.	1.3	40
13	Siderophile-rich inclusions from the Morokweng impact melt sheet, South Africa: possible fragments of a chondritic meteorite. Earth and Planetary Science Letters, 2002, 198, 49-62.	4.4	39
14	Denudation along the Atlantic passive margin: new insights from apatite fission-track analysis on the western coast of South Africa. Geological Society Special Publication, 2009, 324, 287-306.	1.3	39
15	Ultramafic rocks in the centre of the Vredefort structure (South Africa): Possible exposure of the upper mantle?. Chemical Geology, 1990, 83, 233-248.	3.3	33
16	40Ar/39Ar 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. South African Journal of Geology, 2006, 109, 393-410.	1.2	31
17	Unique chemistry of a diamond-bearing pebble from the Libyan Desert Glass strewnfield, SW Egypt: Evidence for a shocked comet fragment. Earth and Planetary Science Letters, 2013, 382, 21-31.	4.4	21
18	Intracrustal radioactivity as an important heat source for Neoarchean metamorphism in the Central Zone of the Limpopo Complex. , 2011, , .		12

#	Article	IF	Citations
19	Petrography of the carbonaceous, diamond-bearing stone â€œHypatiaâ€•from southwest Egypt: A contribution to the debate on its origin. Geochimica Et Cosmochimica Acta, 2018, 223, 462-492.	3.9	12
20	3D seismic analysis of the AK Fault, Orange Basin, South Africa: Implications for hydrocarbon leakage and offshore neotectonics. Tectonophysics, 2017, 721, 477-490.	2.2	10
21	A comprehensive study of noble gases and nitrogen in â€œHypatiaâ€, a diamond-rich pebble from SW Egypt. Earth and Planetary Science Letters, 2015, 432, 243-253.	4.4	8
22	Timescales of impact melt sheet crystallization and the precise age of the Morokweng impact structure, South Africa. Earth and Planetary Science Letters, 2021, 567, 117013.	4.4	5
23	Reply to comment by W.U. Reimold, R.L. Gibson, and H. Henkel on Muundjua et al. (2007), â€œMagnetic imaging of the Vredefort impact crater, South Africaâ€, EPSL 261, pp 456â€“468. Earth and Planetary Science Letters, 2008, 273, 397-399.	4.4	3
24	Non-Destructive Residual Stress Investigations of Natural Polycrystalline Diamonds. Advanced Materials Research, 0, 996, 969-974.	0.3	1
25	The chemistry of the extraterrestrial carbonaceous stone â€œHypatiaâ€: A perspective on dust heterogeneity in interstellar space. Icarus, 2022, 382, 115043.	2.5	1
26	Granitoid gneisses of the Morokweng impact structure: Implications for Neoarchaean evolution of the western Kaapvaal craton. Lithos, 2022, 426-427, 106793.	1.4	0