

Julian Marsh

List of Publications by Year in descending order

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46
papers

2,976
citations

201674

27
h-index

243625

44
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73
all docs

73
docs citations

73
times ranked

2025
citing authors

#	ARTICLE	IF	CITATIONS
1	Emplacement of inflated Pāhoehoe flows in the Naude's Nek Pass, Lesotho remnant, Karoo continental flood basalt province: use of flow-lobe tumuli in understanding flood basalt emplacement. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	3.0	13
2	The Bero Volcanic Complex: Extension of the Paran-Ä-Etendeka Igneous Province into SW Angola. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 355, 21-31.	2.1	15
3	Eruptive history of the Karoo lava flows and their impact on early Jurassic environmental change. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 738-772.	3.4	58
4	The oxygen isotope composition of Karoo and Etendeka picrites: High $\delta^{18}O$ mantle or crustal contamination?. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	3.1	73
5	An attempt to constrain the age, duration, and eruptive history of the Karoo flood basalt: Naude's Nek section (South Africa). <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	52
6	The geochemistry and evolution of Palaeogene phonolites, central Namibia. <i>Lithos</i> , 2010, 117, 149-160.	1.4	11
7	The largest volcanic eruptions on Earth. <i>Earth-Science Reviews</i> , 2010, 102, 207-229.	9.1	251
8	CRETACEOUS EROSION IN CENTRAL SOUTH AFRICA: EVIDENCE FROM UPPER-CRUSTAL XENOLITHS IN KIMBERLITE DIATREMES. <i>South African Journal of Geology</i> , 2009, 112, 125-140.	1.2	52
9	Compositionally diverse magmas erupted close together in space and time within a Karoo flood basalt crater complex. <i>Bulletin of Volcanology</i> , 2008, 70, 923-946.	3.0	16
10	Rock magnetic stratigraphy of a mafic layered sill: A key to the Karoo volcanics plumbing system. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 172, 75-92.	2.1	19
11	Stratigraphic correlation of the Awahab and Tafelberg Formations, Etendeka Group, Namibia, and location of an eruptive site for flood basalt volcanism. <i>Journal of African Earth Sciences</i> , 2007, 48, 329-340.	2.0	9
12	Petrology and Geochemistry of Early Cretaceous Bimodal Continental Flood Volcanism of the NW Etendeka, Namibia. Part 1: Introduction, Mafic Lavas and Re-evaluation of Mantle Source Components. <i>Journal of Petrology</i> , 2004, 45, 59-105.	2.8	150
13	Distinct kimberlite pipe classes with contrasting eruption processes. <i>Lithos</i> , 2004, 76, 183-200.	1.4	99
14	Petrology and Geochemistry of Early Cretaceous Bimodal Continental Flood Volcanism of the NW Etendeka, Namibia. Part 2: Characteristics and Petrogenesis of the High-Ti Latite and High-Ti and Low-Ti Voluminous Quartz Latite Eruptives. <i>Journal of Petrology</i> , 2004, 45, 107-138.	2.8	62
15	The concentrations of the noble metals in Southern African flood-type basalts and MORB: implications for petrogenesis and magmatic sulphide exploration. <i>Contributions To Mineralogy and Petrology</i> , 2003, 146, 44-61.	3.1	29
16	Implications of a new $^{40}Ar/^{39}Ar$ age for a basalt flow interbedded with the Etjo Formation, Northeast Namibia. <i>South African Journal of Geology</i> , 2003, 106, 281-286.	1.2	9
17	The geochemical structure of the Insizwa lobe of the Mount Ayliff complex with implications for the emplacement and evolution of the complex and its Ni-sulphide potential. <i>South African Journal of Geology</i> , 2003, 106, 409-428.	1.2	9
18	Magma flow inferred from AMS fabrics in a layered mafic sill, Insizwa, South Africa. <i>Tectonophysics</i> , 2002, 354, 1-23.	2.2	66

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19	“The geophysical mapping of Mesozoic dyke swarms in southern Africa and their origin in the disruption of Gondwana” [J. Afr. Earth Sci. 30 (2000) 499-513]. Journal of African Earth Sciences, 2002, 35, 525-527.	2.0	15
20	The Distribution of Platinum Group Elements in the Insizwa Lobe, Mount Ayliff Complex, South Africa: Implications for Ni-Cu-PGE Sulfide Exploration in the Karoo Igneous Province. Economic Geology, 2002, 97, 1293-1306.	3.8	2
21	The Etendeka Igneous Province: magma types and their stratigraphic distribution with implications for the evolution of the Paran-Etendeka flood basalt province. Bulletin of Volcanology, 2001, 62, 464-486.	3.0	140
22	Petrology of the Alkaline Core of the Messum Igneous Complex, Namibia: Evidence for the Progressively Decreasing Effect of Crustal Contamination. Journal of Petrology, 1999, 40, 1377-1397.	2.8	68
23	Petrology of the Alkaline Core of the Messum Igneous Complex, Namibia: Evidence for the Progressively Decreasing Effect of Crustal Contamination. Journal of Petrology, 1999, 40, 1377-1397.	2.8	11
24	The Marinkas Quellen Carbonatite Complex, southern Namibia; carbonatite magmatism with an uncontaminated depleted mantle signature in a continental setting. Chemical Geology, 1998, 148, 201-212.	3.3	19
25	The timing and duration of the Karoo igneous event, southern Gondwana. Journal of Geophysical Research, 1997, 102, 18127-18138.	3.3	473
26	Petrology and geochemistry of peridotite xenoliths from the Letlhakane kimberlites, Botswana. Contributions To Mineralogy and Petrology, 1997, 127, 147-158.	3.1	42
27	Petrogenesis of Late Archaean Flood-Type Basic Lavas from the Klipriviersberg Group, Ventersdorp Supergroup, South Africa. Journal of Petrology, 1992, 33, 817-847.	2.8	43
28	REE fractionation and Ce anomalies in weathered Karoo dolerite. Chemical Geology, 1991, 90, 189-194.	3.3	97
29	The Petrogenesis of the Kirwan Basalts of Dronning Maud Land, Antarctica. Journal of Petrology, 1990, 31, 341-369.	2.8	76
30	Oxygen isotope geochemistry of the Mesozoic volcanics of the Etendeka Formation, Namibia. Contributions To Mineralogy and Petrology, 1989, 102, 454-461.	3.1	19
31	Volcanic rocks of the Witwatersrand Triad, South Africa. II: Petrogenesis of mafic and felsic rocks of the Dominion Group. Precambrian Research, 1989, 44, 39-65.	2.7	35
32	Geochemical constraints on coupled assimilation and fractional crystallization involving upper crustal compositions and continental tholeiitic magma. Earth and Planetary Science Letters, 1989, 92, 70-80.	4.4	40
33	Asthenospheric and lithospheric sources for Mesozoic dolerites from Liberia (Africa): trace element and isotopic evidence. Earth and Planetary Science Letters, 1988, 87, 100-110.	4.4	57
34	Basalt geochemistry and tectonic discrimination within continental flood basalt provinces. Journal of Volcanology and Geothermal Research, 1987, 32, 35-49.	2.1	79
35	Evolution of a strongly differentiated suite of phonolites from the Klinghardt Mountains, Namibia. Lithos, 1987, 20, 41-58.	1.4	15
36	Volcanic rocks of the witwatersrand triad, south Africa. I: Description, classification and geochemical stratigraphy. Precambrian Research, 1986, 31, 297-324.	2.7	43

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37	Some geochemical constraints upon models for the crystallization of the upper critical zone-main zone interval, northwestern Bushveld complex. Mineralogical Magazine, 1986, 50, 567-582.	1.4	67
38	The mineralogy, petrology, and origin of the Merensky cyclic unit in the western Bushveld Complex. Economic Geology, 1985, 80, 958-974.	3.8	57
39	The geochemistry of potassic lavas from Vulcini, central Italy and implications for mantle enrichment processes beneath the Roman region. Contributions To Mineralogy and Petrology, 1985, 90, 244-257.	3.1	282
40	Al/Cr ratios of coexisting pyroxenes and spinellids in some ultramafic rocks. Chemical Geology, 1983, 38, 57-74.	3.3	14
41	Significance of $^{87}\text{Sr}/^{86}\text{Sr}$ ratios in the Merensky cyclic unit of the Bushveld Complex. Nature, 1982, 298, 53-55.	27.8	135
42	The role of CO_2 in alkali rock genesis. Geological Magazine, 1977, 114, 149-151.	1.5	0
43	Distribution of Ca in highly fractionated peralkaline magmas. Earth and Planetary Science Letters, 1976, 31, 153-160.	4.4	2
44	Aenigmatite stability in silica-undersaturated rocks. Contributions To Mineralogy and Petrology, 1975, 50, 135-144.	3.1	38
45	Tin mineralisation. Nature, 1974, 252, 511-511.	27.8	0
46	Relationships between transform directions and alkaline igneous rock lineaments in Africa and South America. Earth and Planetary Science Letters, 1973, 18, 317-323.	4.4	114