

Arto V Luttinen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

599
citations

687363

13
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Flood Basalts of Vestfjella: Jurassic Magmatism Across an Archaean-Proterozoic Lithospheric Boundary in Dronning Maud Land, Antarctica. <i>Journal of Petrology</i> , 2000, 41, 1271-1305.	2.8	103
2	Isotopic (Sr, Nd, Pb, and Os) composition of highly magnesian dikes of Vestfjella, western Dronning Maud Land, Antarctica: A key to the origins of the Jurassic Karoo large igneous province?. <i>Chemical Geology</i> , 2010, 277, 227-244.	3.3	74
3	Bilateral geochemical asymmetry in the Karoo large igneous province. <i>Scientific Reports</i> , 2018, 8, 5223.	3.3	57
4	Jurassic dikes of Vestfjella, western Dronning Maud Land, Antarctica: Geochemical tracing of ferropicrite sources. <i>Lithos</i> , 2008, 105, 347-364.	1.4	45
5	Mixed pyroxenite-peridotite sources for mafic and ultramafic dikes from the Antarctic segment of the Karoo continental flood basalt province. <i>Lithos</i> , 2013, 177, 366-380.	1.4	44
6	Enriched continental flood basalts from depleted mantle melts: modeling the lithospheric contamination of Karoo lavas from Antarctica. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	43
7	Subduction-modified oceanic crust mixed with a depleted mantle reservoir in the sources of the Karoo continental flood basalt province. <i>Earth and Planetary Science Letters</i> , 2014, 394, 229-241.	4.4	41
8	Mineral chemical evidence for extremely magnesian subalkaline melts from the Antarctic extension of the Karoo large igneous province. <i>Mineralogy and Petrology</i> , 2010, 99, 201-217.	1.1	37
9	Depleted Mantle-sourced CFB Magmatism in the Jurassic Africa-Antarctica Rift: Petrology and $^{40}\text{Ar}/^{39}\text{Ar}$ and U/Pb Chronology of the Vestfjella Dyke Swarm, Dronning Maud Land, Antarctica. <i>Journal of Petrology</i> , 2015, 56, 919-952.	2.8	37
10	Björnnutane and Sembberget basalt lavas and the geochemical provinciality of Karoo magmatism in western Dronning Maud Land, Antarctica. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 198, 1-18.	2.1	27
11	Deep open storage and shallow closed transport system for a continental flood basalt sequence revealed with Magma Chamber Simulator. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	25
12	The Jurassic gabbroic intrusions of Utpostane and Muren: insights into Karoo-related plutonism in Dronning Maud Land, Antarctica. <i>Antarctic Science</i> , 2003, 15, 283-301.	0.9	24
13	Enrichment of ^{18}O in the mantle sources of the Antarctic portion of the Karoo large igneous province. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	22
14	Thermal and porosity properties of meteorites: A compilation of published data and new measurements. <i>Meteoritics and Planetary Science</i> , 2020, 55, 402-425.	1.6	8
15	Sills of the Theron Mountains, Antarctica. , 2006, , 183-200.		7
16	Chapter 2.3 Dronning Maud Land Jurassic volcanism: volcanology and petrology. <i>Geological Society Memoir</i> , 2021, 55, 157-181.	1.7	3
17	Geochemical correlations between Jurassic gabbros and basaltic rocks in Vestfjella, Dronning Maud Land, Antarctica. , 2006, , 201-212.		2
18	Serial interaction of primitive magmas with felsic and mafic crust recorded by gabbroic dikes from the Antarctic extension of the Karoo large igneous province. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	0