

James E Mungall

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

777
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Partitioning of platinum-group elements and Au between sulfide liquid and basalt and the origins of mantle-crust fractionation of the chalcophile elements. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 125, 265-289.	3.9	402
2	U–Pb geochronology documents out-of-sequence emplacement of ultramafic layers in the Bushveld Igneous Complex of South Africa. <i>Nature Communications</i> , 2016, 7, 13385.	12.8	112
3	Crustal Contamination of Picritic Magmas During Transport Through Dikes: the Expo Intrusive Suite, Cape Smith Fold Belt, New Quebec. <i>Journal of Petrology</i> , 2007, 48, 1021-1039.	2.8	45
4	Genesis of the Peridotite Zone, Stillwater Complex, Montana, USA. <i>Journal of Petrology</i> , 2018, 59, 2157-2189.	2.8	39
5	Tectonic controls on Ni and Cu contents of primary mantle-derived magmas for the formation of magmatic sulfide deposits. <i>American Mineralogist</i> , 2018, 103, 1545-1567.	1.9	37
6	The Rustenburg Layered Suite formed as a stack of mush with transient magma chambers. <i>Nature Communications</i> , 2021, 12, 505.	12.8	33
7	A Preliminary Model for the Migration of Sulfide Droplets in a Magmatic Conduit and the Significance of Volatiles. <i>Journal of Petrology</i> , 2019, 60, 2281-2316.	2.8	25
8	Linking the Siberian Flood Basalts and Giant Ni–Cu–PGE Sulfide Deposits at Norilsk. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020823.	3.4	20
9	Testing emplacement models for the Rustenburg Layered Suite of the Bushveld Complex with numerical heat flow models and plagioclase geospeedometry. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116084.	4.4	17
10	Transport and deposition of immiscible sulfide liquid during lateral magma flow. <i>Earth-Science Reviews</i> , 2022, 227, 103964.	9.1	16
11	Kinetic controls on the sulfide mineralization of komatiite-associated Ni-Cu-(PGE) deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 305, 185-211.	3.9	14
12	Origin of the J-M Reef and Lower Banded series, Stillwater Complex, Montana, USA. <i>Precambrian Research</i> , 2021, 367, 106457.	2.7	9
13	Magnetite layer formation in the Bushveld Complex of South Africa. <i>Nature Communications</i> , 2022, 13, 416.	12.8	8