

Sarah Lambart

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

949
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

771
citing authors

#	ARTICLE	IF	CITATIONS
1	Markers of the pyroxenite contribution in the major-element compositions of oceanic basalts: Review of the experimental constraints. <i>Lithos</i> , 2013, 160-161, 14-36.	1.4	168
2	The role of pyroxenite in basalt genesis: Melt+PX, a melting parameterization for mantle pyroxenites between 0.9 and 5%GPa. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 5708-5735.	3.4	137
3	Fate of Pyroxenite-derived Melts in the Peridotitic Mantle: Thermodynamic and Experimental Constraints. <i>Journal of Petrology</i> , 2012, 53, 451-476.	2.8	134
4	An experimental study of pyroxenite partial melts at 1 and 1.5GPa: Implications for the major-element composition of Mid-Ocean Ridge Basalts. <i>Earth and Planetary Science Letters</i> , 2009, 288, 335-347.	4.4	122
5	Quantifying lithological variability in the mantle. <i>Earth and Planetary Science Letters</i> , 2014, 395, 24-40.	4.4	105
6	Experimental derivation of nepheline syenite and phonolite liquids by partial melting of upper mantle peridotites. <i>Earth and Planetary Science Letters</i> , 2014, 404, 319-331.	4.4	60
7	An experimental study of focused magma transport and basalt+peridotite interactions beneath mid-ocean ridges: implications for the generation of primitive MORB compositions. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 429-451.	3.1	53
8	Highly heterogeneous depleted mantle recorded in the lower oceanic crust. <i>Nature Geoscience</i> , 2019, 12, 482-486.	12.9	42
9	In situ carbon mineralization in ultramafic rocks: Natural processes and possible engineered methods. <i>Energy Procedia</i> , 2018, 146, 92-102.	1.8	30
10	No direct contribution of recycled crust in Icelandic basalts. <i>Geochemical Perspectives Letters</i> , 0, , 7-12.	5.0	30
11	Melting of a hydrous peridotite mantle source under the Emeishan large igneous province. <i>Earth-Science Reviews</i> , 2020, 207, 103253.	9.1	19
12	Testing pyroxenite versus peridotite sources for marine basalts using U-series isotopes. <i>Lithos</i> , 2019, 332-333, 226-244.	1.4	18
13	Decoupled Zn-Sr-Nd isotopic composition of continental intraplate basalts caused by two-stage melting process. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 326, 234-252.	3.9	13
14	Compositional variability of San Carlos olivine. <i>Chemical Geology</i> , 2022, 605, 120968.	3.3	8
15	Experimental Investigation of the Pressure of Crystallization of Ca(OH) ₂ : Implications for the Reactive Cracking Process. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3448-3458.	2.5	5