

Frances Jenner

List of Publications by Year in descending order

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17
papers

1,259
citations

567144

15
h-index

940416

16
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all docs

17
docs citations

17
times ranked

1247
citing authors

#	ARTICLE	IF	CITATIONS
1	The Magnetite Crisis in the Evolution of Arc-related Magmas and the Initial Concentration of Au, Ag and Cu. <i>Journal of Petrology</i> , 2010, 51, 2445-2464.	1.1	351
2	Partition coefficients of chalcophile elements between sulfide and silicate melts and the early crystallization history of sulfide liquid: LA-ICP-MS analysis of MORB sulfide droplets. <i>Chemical Geology</i> , 2013, 358, 170-188.	1.4	192
3	The global pattern of trace-element distributions in ocean floor basalts. <i>Nature</i> , 2012, 491, 698-704.	13.7	153
4	Evidence for subduction at 3.8 Ga: Geochemistry of arc-like metabasalts from the southern edge of the Isua Supracrustal Belt. <i>Chemical Geology</i> , 2009, 261, 83-98.	1.4	122
5	Cumulate causes for the low contents of sulfide-loving elements in the continental crust. <i>Nature Geoscience</i> , 2017, 10, 524-529.	5.4	96
6	The competing effects of sulfide saturation versus degassing on the behavior of the chalcophile elements during the differentiation of hydrous melts. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1490-1507.	1.0	57
7	Iron isotopic evidence for convective resurfacing of recycled arc-front mantle beneath back-arc basins. <i>Geophysical Research Letters</i> , 2013, 40, 5849-5853.	1.5	44
8	Coupled Hf-Nd-Pb isotope co-variations of HIMU oceanic island basalts from Mangaia, Cook-Austral islands, suggest an Archean source component in the mantle transition zone. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 112, 87-101.	1.6	40
9	Trace Element Stratigraphy of the Bellevue Core, Northern Bushveld: Multiple Magma Injections Obscured by Diffusive Processes. <i>Journal of Petrology</i> , 2014, 55, 859-882.	1.1	39
10	Chalcophile elements track the fate of sulfur at Kilauea Volcano, Hawaii. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 282, 245-275.	1.6	32
11	Amphibole control on copper systematics in arcs: Insights from the analysis of global datasets. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 307, 192-211.	1.6	28
12	Eoarchean within-plate basalts from southwest Greenland. <i>Geology</i> , 2013, 41, 327-330.	2.0	27
13	Major and Trace Element Analysis of Natural and Experimental Igneous Systems using LA-ICP-MS. <i>Elements</i> , 2016, 12, 311-316.	0.5	26
14	Mantle flow, volatiles, slab surface temperatures and melting dynamics in the north Tonga arc-Lau back-arc basin. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
15	Eoarchean crustal growth in West Greenland (Itsaq Gneiss Complex) and in northeastern China (Anshan area): review and synthesis. <i>Geological Society Special Publication</i> , 2009, 318, 127-154.	0.8	16
16	Geodynamic implications for zonal and meridional isotopic patterns across the northern Lau back-arc basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1013-1042.	1.0	14
17	The influence of ridge subduction on the geochemistry of Vanuatu arc magmas. <i>Journal of Geophysical Research: Solid Earth</i> , 0, , .	1.4	4