

Jon Blundy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1083410/publications.pdf>

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12
papers

1,544
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1523
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of crystal–melt partition coefficients from elastic moduli. <i>Nature</i> , 1994, 372, 452-454.	27.8	860
2	Rapid decompression-driven crystallization recorded by melt inclusions from Mount St. Helens volcano. <i>Geology</i> , 2005, 33, 793.	4.4	207
3	Experimental Simulation of Closed-System Degassing in the System Basalt–H ₂ O–CO ₂ –S–Cl. <i>Journal of Petrology</i> , 2011, 52, 1737-1762.	2.8	136
4	Modulation of magmatic processes by CO ₂ flushing. <i>Earth and Planetary Science Letters</i> , 2018, 491, 160-171.	4.4	116
5	Formation of magmatic brine lenses via focussed fluid-flow beneath volcanoes. <i>Earth and Planetary Science Letters</i> , 2018, 486, 119-128.	4.4	62
6	Petrological and experimental evidence for differentiation of water-rich magmas beneath St. Kitts, Lesser Antilles. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 98.	3.1	42
7	Effect of redox on Fe–Mg–Mn exchange between olivine and melt and an oxybarometer for basalts. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	42
8	The economic potential of metalliferous sub-volcanic brines. <i>Royal Society Open Science</i> , 2021, 8, 202192.	2.4	30
9	Crustal sequestration of magmatic sulfur dioxide. <i>Geology</i> , 2017, 45, 211-214.	4.4	20
10	Wide-Angle Seismic Imaging of Two Modes of Crustal Accretion in Mature Atlantic Ocean Crust. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019100.	3.4	20
11	Oxygen fugacity control in piston-cylinder experiments: a re-evaluation. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	5
12	The stability and composition of sulfate melts in arc magmas. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	4