

Jill A Vantongerren

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12179567/publications.pdf>

Version: 2024-02-01

13
papers

743
citations

1163117

8
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Delamination and recycling of Archaean crust caused by gravitational instabilities. <i>Nature Geoscience</i> , 2014, 7, 47-52.	12.9	358
2	A Felsic End to Bushveld Differentiation. <i>Journal of Petrology</i> , 2010, 51, 1891-1912.	2.8	111
3	Cooling rates in the lower crust of the Oman ophiolite: Ca in olivine, revisited. <i>Earth and Planetary Science Letters</i> , 2008, 267, 69-82.	4.4	74
4	The character of the Moho and lower crust within Archean cratons and the tectonic implications. <i>Tectonophysics</i> , 2013, 609, 690-705.	2.2	62
5	Oxygen isotope trajectories of crystallizing melts: Insights from modeling and the plutonic record. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 207, 154-184.	3.9	50
6	Dating the Bushveld Complex: Timing of Crystallization, Duration of Magmatism, and Cooling of the World's Largest Layered Intrusion and Related Rocks. <i>Journal of Petrology</i> , 2021, 62, .	2.8	30
7	Iron isotopic evolution during fractional crystallization of the uppermost Bushveld complex layered mafic intrusion. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 956-972.	2.5	25
8	How sharp is the sharp Archean Moho? Example from eastern Superior Province. <i>Geophysical Research Letters</i> , 2016, 43, 1928-1933.	4.0	19
9	Rapid cooling of the Rustenburg Layered Suite of the Bushveld Complex (South Africa): Insights from biotite $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Geology</i> , 2020, 48, 834-838.	4.4	5
10	Mixing and Unmixing in the Bushveld Complex Magma Chamber. , 2018, , 113-138.		4
11	$^{40}\text{Ar}/^{39}\text{Ar}$ Thermochronology for Submilligram Samples Using a Ta Platform Microfurnace, With Illustrations From the Bushveld Complex. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009182.	2.5	3
12	Lateral Variability in the Upper Main Zone, Bushveld Complex, owing to Directional Magma Recharge and Emplacement from North to South. <i>Journal of Petrology</i> , 2018, , .	2.8	2
13	Reply to Comment on: "Dating the Bushveld Complex: Timing of Crystallization, Duration of Magmatism, and Cooling of the World's Largest Layered Intrusion and Related Rocks". <i>Journal of Petrology</i> , 0, , .	2.8	0