

Allan Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

307
citations

1163117
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1588992
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all docs

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docs citations

8
times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Model for Barberton Komatiites: Deep Critical Melting with High Melt Retention. <i>Journal of Petrology</i> , 2012, 53, 2191-2229.	2.8	117
2	Deep hydrous mantle reservoir provides evidence for crustal recycling before 3.3 billion years ago. <i>Nature</i> , 2019, 571, 555-559.	27.8	64
3	In Situ Sr isotopes in Plagioclase and Trace Element Systematics in the Lowest Part of the Eastern Bushveld Complex: Dynamic Processes in an Evolving Magma Chamber. <i>Journal of Petrology</i> , 2017, 58, 327-360.	2.8	34
4	Zircon U-Pb-Hf isotope systematics of Transvaal Supergroup " Constraints for the geodynamic evolution of the Kaapvaal Craton and its hinterland between 2.65 and 2.06 Ga. <i>Precambrian Research</i> , 2020, 345, 105760.	2.7	26
5	The Late-Paleoarchean Ultra-Depleted Comondale Komatiites: Earth's Hottest Lavas and Consequences for Eruption. <i>Journal of Petrology</i> , 2019, 60, 1575-1620.	2.8	21
6	Hafnium Isotopic Composition of the Bushveld Complex Requires Mantle Melt "Upper Crust Mixing: New Evidence from Zirconology of Mafic, Felsic and Metasedimentary Rocks. <i>Journal of Petrology</i> , 2019, 60, 2169-2200.	2.8	18
7	Long-term preservation of Hadean protocrust in Earth's mantle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120241119.	7.1	17
8	Olivine in komatiite records origin and travel from the deep upper mantle. <i>Geology</i> , 2022, 50, 351-355.	4.4	10