

Robert Farla

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

75
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Depressed 660-km discontinuity caused by akimotoite–bridgmanite transition. <i>Nature</i> , 2022, 601, 69-73.	27.8	15
2	Extreme conditions research using the large-volume press at the P61B endstation, PETRA III. <i>Journal of Synchrotron Radiation</i> , 2022, 29, 409-423.	2.4	19
3	In situ reinvestigation of reaction phase A plus high-pressure clinoenstatite to forsterite plus water in the system MgO-SiO ₂ -H ₂ O (MSH). <i>European Journal of Mineralogy</i> , 2022, 34, 201-213.	1.3	1
4	An electrically conductive and ferromagnetic nano-structure manganese mono-boride with high Vickers hardness. <i>Nanoscale</i> , 2021, 13, 18570-18577.	5.6	9
5	Determination of phase relations of the olivine–ahrensite transition in the Mg ₂ SiO ₄ –Fe ₂ SiO ₄ system at 1740 Å using modern multi-anvil techniques. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	4
6	Simultaneous generation of ultrahigh pressure and temperature to 50 ÅPa and 3300 ÅK in multi-anvil apparatus. <i>Review of Scientific Instruments</i> , 2021, 92, 103902.	1.3	3
7	Microstructural effects on hardness and optical transparency of birefringent aluminosilicate nanoceramics. <i>International Journal of Ceramic Engineering & Science</i> , 2020, 2, 76-82.	1.2	9
8	Temperature dependence of [100](010) and [001](010) dislocation mobility in natural olivine. <i>Earth and Planetary Science Letters</i> , 2016, 441, 81-90.	4.4	15