

# Robert Farla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7776975/publications.pdf>

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	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
2	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
3	Depressed 660-km discontinuity caused by akimotoite-bridgmanite transition. <i>Nature</i> , 2022, 601, 69-73.	27.8	15
4	Microstructural effects on hardness and optical transparency of birefringent aluminosilicate nanoceramics. <i>International Journal of Ceramic Engineering &amp; Science</i> , 2020, 2, 76-82.	1.2	9
5	An electrically conductive and ferromagnetic nano-structure manganese mono-boride with high Vickers hardness. <i>Nanoscale</i> , 2021, 13, 18570-18577.	5.6	9
6	Determination of phase relations of the olivine-ahrensite transition in the $Mg_2SiO_4$ - $Fe_2SiO_4$ system at 1740 K using modern multi-anvil techniques. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	4
7	Simultaneous generation of ultrahigh pressure and temperature to 50 GPa and 3300 K in multi-anvil apparatus. <i>Review of Scientific Instruments</i> , 2021, 92, 103902.	1.3	3
8	In situ reinvestigation of reaction phase A plus high-pressure clinoenstatite to forsterite plus water in the system $MgO$ - $SiO_2$ - $H_2O$ (MSH). <i>European Journal of Mineralogy</i> , 2022, 34, 201-213.	1.3	1