

Sylvain Petitgirard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2316883/publications.pdf>

Version: 2024-02-01

7
papers

138
citations

1937685
4
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1720034
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g-index

7
all docs

7
docs citations

7
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate of MgSiO ₃ melts at core-mantle boundary conditions. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14186-14190.	7.1	72
2	SiO_2 Glass Density to Lower-Mantle Pressures. Physical Review Letters, 2017, 119, 215701.	1.8	33
3	Density of amorphous GeO_2 to 133 GPa with possible pyritelike structure and stiffness at high pressure. Physical Review B, 2019, 100, .	3.2	14
4	Density and structural changes of silicate glasses under high pressure. High Pressure Research, 2017, 37, 200-213.	1.2	7
5	Structural and electron spin state changes in an x-ray heated iron carbonate system at the Earth's lower mantle pressures. Physical Review Research, 2022, 4, .	3.6	6
6	A versatile diamond anvil cell for X-ray inelastic, diffraction and imaging studies at synchrotron facilities. Review of Scientific Instruments, 2019, 90, 095107.	1.3	3
7	Anomalous density, sound velocity, and structure of pressure-induced amorphous quartz. Physical Review B, 2022, 105, .	3.2	3