Sokolova Tatiana

List of Publications by Year
in descending order

13	289	1305906 8	1427216 11
papers	citations	h-index	g-index

13	13	13	403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Equations of State of Ca-Silicates and Phase Diagram of the CaSiO3 System under Upper Mantle Conditions. Minerals (Basel, Switzerland), 2021, 11, 322.	0.8	8
2	Density Patterns of the Upper Mantle Under Asia and the Arctic: Comparison of Thermodynamic Modelling and Geophysical Data. Pure and Applied Geophysics, 2020, 177, 4289-4307.	0.8	2
3	Spreadsheets to calculatePâ€“Vâ€“Trelations, thermodynamic and thermoelastic properties of silicates in the MgSiO₃â€“MgO system. High Pressure Research, 2018, 38, 193-211.	0.4	10
4	Thermodynamics and Equations of State of Iron to 350â€‰GPa and 6000â€‰K. Scientific Reports, 2017, 7, 41863.	3.6	66
5	ANALYSIS OF THE CHEMICAL COMPOSITION OF CHAROITE ROCKS. Geodinamika I Tektonofizika, 2017, 8, 511-513.	0.3	0
6	Microsoft excel spreadsheets for calculation of Pâ€“Vâ€“T relations and thermodynamic properties from equations of state of MgO, diamond and nine metals as pressure markers in high-pressure and high-temperature experiments. Computers and Geosciences, 2016, 94, 162-169.	2.0	37
7	CHAROITE. EXPERIMENTAL STUDIES. Geodinamika I Tektonofizika, 2016, 7, 105-118.	0.3	3
8	THERMODYNAMIC PROPERTIES OF ROCK-FORMING OXIDES, Î±-Al2O3, Cr2O3, Î±-Fe2O3, AND Fe3O4 AT HIGH TEMPERATURES AND PRESSURES. Geodinamika I Tektonofizika, 2016, 7, 459-476.	0.3	11
9	The equations of state of forsterite, wadsleyite, ringwoodite, akimotoite, MgSiO3-perovskite, and postperovskite and phase diagram for the Mg2SiO4 system at pressures of up to 130 GPa. Russian Geology and Geophysics, 2015, 56, 172-189.	0.3	28
10	All-Russia conference Â«Fluid regime of endogenic processes in the continental lithosphereÂ», Irkutsk, Russia, October 6â€“9, 2015. Geodinamika I Tektonofizika, 2015, 6, 555-561.	0.3	0
11	Self-consistent pressure scales based on the equations of state for ruby, diamond, MgO, B2â€“NaCl, as well as Au, Pt, and other metals to 4 Mbar and 3000 K. Russian Geology and Geophysics, 2013, 54, 181-199.	0.3	71
12	Thermal equation of state and thermodynamic properties of iron carbide Fe₃C to 31 GPa and 1473 K. Journal of Geophysical Research: Solid Earth, 2013, 118, 5274-5284.	1.4	44
13	P-V-T equations of state for iron carbides Fe3C and Fe7C3 and their relationships under the conditions of the Earthâ€™s mantle and core. Doklady Earth Sciences, 2013, 453, 1269-1273.	0.2	9