

Valentin O Osadchii

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

68
citations

1684188

5
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	The chemical state of Hg in synthetic crystals of zinc and mercury sulfides studied by XAFS spectroscopy. <i>Journal of Solid State Chemistry</i> , 2022, 305, 122708.	2.9	1
2	Heat capacity and thermodynamic properties of PbS: Optimization based on calorimetric and electrochemical data. <i>Journal of Alloys and Compounds</i> , 2022, 909, 164695.	5.5	1
3	Synthesis, X-ray data, and thermodynamic properties of the AgTe ₃ high-pressure phase in the Ag-Te system. <i>Journal of Alloys and Compounds</i> , 2021, 855, 157407.	5.5	0
4	Iron and Sulfur Isotope Factors of Pyrite: Data from Experimental Mössbauer Spectroscopy and Heat Capacity. <i>Geochemistry International</i> , 2019, 57, 369-383.	0.7	13
5	The Synthesis of Crystals of Chalcogenides of K, Zr, Hf, Hg, and Some Other Elements in Halide Melts under Conditions of Stationary Temperature Gradient. <i>Crystallography Reports</i> , 2019, 64, 996-1002.	0.6	1
6	Phase equilibria in the KFeS ₂ -FeS system at 300-600°C and bartonite stability. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	6
7	Determination of the equilibrium f_{O_2} in bulk samples of H, L, and LL ordinary chondrites by solid-state electrochemistry. <i>Meteoritics and Planetary Science</i> , 2017, 52, 2275-2283.	1.6	4
8	Single-crystal Fe-bearing sphalerite: synthesis, lattice parameter, thermal expansion coefficient and microhardness. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 287-296.	0.8	8
9	Synthesis of chalcogenide and pnictide crystals in salt melts using a steady-state temperature gradient. <i>Crystallography Reports</i> , 2016, 61, 682-691.	0.6	24
10	Heat capacity and thermodynamic functions of sphalerite: Implication to sulfide solid-state galvanic cell measurements. <i>Thermochimica Acta</i> , 2016, 641, 14-23.	2.7	2
11	Electrochemical determination of the thermodynamic parameters of sphalerite, ZnS. <i>Journal of Alloys and Compounds</i> , 2015, 636, 368-374.	5.5	8
12	Experimental Methods of Synthesis of Nano-/Macro Mineral Materials. <i>Advanced Materials Research</i> , 2013, 650, 308-313.	0.3	0