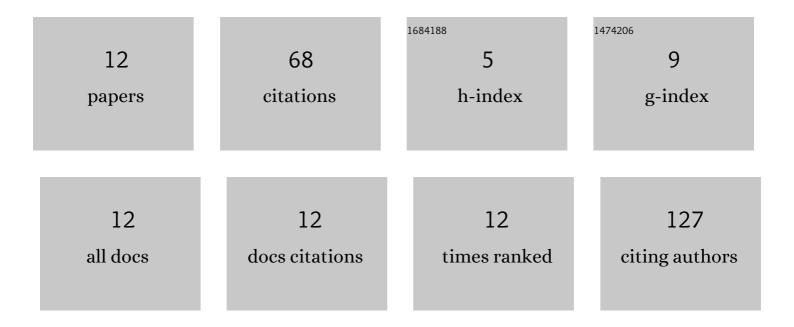
## Valentin O Osadchii

List of Publications by Year in descending order

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VALENTIN O OSADCHIL

#	Article	IF	CITATIONS
1	Synthesis of chalcogenide and pnictide crystals in salt melts using a steady-state temperature gradient. Crystallography Reports, 2016, 61, 682-691.	0.6	24
2	Iron and Sulfur Isotope Factors of Pyrite: Data from Experimental Mössbauer Spectroscopy and Heat Capacity. Geochemistry International, 2019, 57, 369-383.	0.7	13
3	Electrochemical determination of the thermodynamic parameters of sphalerite, ZnS. Journal of Alloys and Compounds, 2015, 636, 368-374.	5.5	8
4	Single-crystal Fe-bearing sphalerite: synthesis, lattice parameter, thermal expansion coefficient and microhardness. Physics and Chemistry of Minerals, 2017, 44, 287-296.	0.8	8
5	Phase equilibria in the KFeS2–Fe–S system at 300–600°C and bartonite stability. Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	6
6	Determination of the equilibrium <i>f</i> O <sub>2</sub> in bulk samples of H, L, and LL ordinary chondrites by solidâ€state electrochemistry. Meteoritics and Planetary Science, 2017, 52, 2275-2283.	1.6	4
7	Heat capacity and thermodynamic functions of sphalerite: Implication to sulfide solid-state galvanic cell measurements. Thermochimica Acta, 2016, 641, 14-23.	2.7	2
8	The Synthesis of Crystals of Chalcogenides of K, Zr, Hf, Hg, and Some Other Elements in Halide Melts under Conditions of Stationary Temperature Gradient. Crystallography Reports, 2019, 64, 996-1002.	0.6	1
9	The chemical state of Hg in synthetic crystals of zinc and mercury sulfides studied by XAFS spectroscopy. Journal of Solid State Chemistry, 2022, 305, 122708.	2.9	1
10	Heat capacity and thermodynamic properties of PbS: Optimization based on calorimetric and electrochemical data. Journal of Alloys and Compounds, 2022, 909, 164695.	5.5	1
11	Experimental Methods of Synthesis of Nano-/Macro Mineral Materials. Advanced Materials Research, 2013, 650, 308-313.	0.3	Ο
12	Synthesis, X-ray data, and thermodynamic properties of the AgTe3 high-pressure phase in the Ag–Te system. Journal of Alloys and Compounds, 2021, 855, 157407.	5.5	0