

Dmitry Sukhomlinov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermal Analysis and Optimization of the Phase Diagram of the Cu-Ag Sulfide System. <i>Energies</i> , 2022, 15, 593.	1.6	1
2	Phase equilibria in TiO ₂ -rich part of the MgO-CaO-TiO ₂ system at 1500-1600°C. <i>Ceramics International</i> , 2022, 48, 20116-20125.	2.3	5
3	Distribution of Co, Fe, Ni, and precious metals between blister copper and white metal. <i>Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy</i> , 2021, 130, 313-323.	0.1	1
4	Slag-Copper Equilibria of Selected Trace Elements in Black Copper Smelting. Part I. Properties of the Slag and Chromium Solubility. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2020, 41, 32-40.	2.6	14
5	Slag-Copper Equilibria of Selected Trace Elements in Black-Copper Smelting. Part II. Trace Element Distributions. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2020, 41, 171-177.	2.6	15
6	Recovery of Precious Metals (Au, Ag, Pt, and Pd) from Urban Mining Through Copper Smelting. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2020, 51, 1495-1508.	1.0	28
7	Recycling of tellurium via copper smelting processes. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	10
8	Trace element distributions between matte and slag in direct nickel matte smelting. <i>Canadian Metallurgical Quarterly</i> , 2020, 59, 67-77.	0.4	4
9	Pre-reduction Behaviour of Manganese Ores in H ₂ and CO Containing Gases. <i>ISIJ International</i> , 2020, 60, 2325-2331.	0.6	10
10	High-Temperature Oxidation of Bismuth- and Antimony-Based Sulfosalts. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2019, 40, 67-78.	2.6	3
11	Behavior of Ga, In, Sn, and Te in Copper Matte Smelting. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 2723-2732.	1.0	24
12	Impact of MgO and K ₂ O on Slag-Nickel Matte Equilibria. <i>Journal of Phase Equilibria and Diffusion</i> , 2019, 40, 768-778.	0.5	3
13	Slag Cleaning Equilibria in Iron Silicate Slag-Copper Systems. <i>Journal of Sustainable Metallurgy</i> , 2019, 5, 463-473.	1.1	11
14	Distribution of Ni, Co, Precious, and Platinum Group Metals in Copper Making Process. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 1752-1765.	1.0	24
15	Thermodynamic stability of solid phases in the system Cu-O-Al ₂ O ₃ by means of the EMF and DSC-TGA techniques. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 959-972.	1.2	4
16	Behavior of Co, Ni and Precious Metals in Copper Converting Process: Experimental Study. <i>Minerals, Metals and Materials Series</i> , 2018, , 217-224.	0.3	2
17	Thermal stabilities and properties of equilibrium phases in the Pt-Te-O system. <i>Journal of Chemical Thermodynamics</i> , 2017, 106, 47-58.	1.0	8
18	Thermodynamic properties of intermetallic PtTe determined by means of a solid electrolyte EMF method. <i>Journal of Chemical Thermodynamics</i> , 2016, 93, 19-23.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Thermodynamic stability of Ca_3TeO_6 determined by a solid electrolyte EMF method. <i>Thermochimica Acta</i> , 2015, 615, 38-42.	1.2	0
20	Standard thermodynamic properties of Bi_2O_3 by a solid-oxide electrolyte EMF technique. <i>Journal of Chemical Thermodynamics</i> , 2014, 75, 8-12.	1.0	8
21	Thermodynamic study of MgO - Sb_2O_3 system and the stability functions of magnesium antimonite. <i>Journal of Chemical Thermodynamics</i> , 2014, 72, 71-76.	1.0	5
22	Determination of standard thermodynamic properties of Sb_2O_3 by a solid-oxide electrolyte EMF technique. <i>Solid State Ionics</i> , 2014, 265, 80-84.	1.3	9
23	Standard Gibbs energy of formation of tellurium dioxide measurement by a solid-oxide electrolyte EMF technique. <i>Thermochimica Acta</i> , 2013, 573, 95-100.	1.2	12