

Vladimir Surikov

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Tunneling Relaxation Mechanisms of the Jahn-Teller Complexes in a CaF ₂ :Cr ²⁺ Crystal. JETP Letters, 2021, 113, 47-51.	1.4	5
2	Relaxation Contribution of a System of Jahn-Teller Complexes to the Elastic Moduli of Doped Fluorites. Journal of Experimental and Theoretical Physics, 2021, 132, 790-799.	0.9	1
3	Adiabatic potential energy surface of the Jahn-Teller complexes in SrF ₂ :Cr ²⁺ crystal. AIP Conference Proceedings, 2020, , .	0.4	1
4	Ultrasonic Determination of the Jahn-Teller Effect Parameters in Impurity-Containing Crystals. Journal of Experimental and Theoretical Physics, 2019, 129, 72-80.	0.9	9
5	Determining the Parameters of the Jahn-Teller Effect in Impurity Centers from Ultrasonic Experiments: Application to the ZnSe : Ni ²⁺ Crystal. Physics of the Solid State, 2019, 61, 180-186.	0.6	2
6	Jahn-Teller effect problems via ultrasonic experiments. Application to the impurity crystal CdSe:Cr. Journal of Physics: Conference Series, 2018, 1148, 012008.	0.4	1
7	Electrolytic recovery of gallium from alkali aluminate Bayer process solutions. Theoretical Foundations of Chemical Engineering, 2017, 51, 580-586.	0.7	1
8	Manifestation of the Jahn-Teller effect in elastic moduli of strontium fluoride crystals doped with chromium ions. Journal of Physics: Conference Series, 2017, 833, 012003.	0.4	2
9	Numerical adiabatic potentials of orthorhombic Jahn-Teller effects retrieved from ultrasound attenuation experiments. Application to the SrF ₂ :Cr crystal. Journal of Applied Physics, 2016, 119, 225108.	2.5	14
10	Some tendencies in the development of the concept of balanced biogeochemical cycles of chemical elements. Geochemistry International, 2015, 53, 464-472.	0.7	1
11	Studying mechanosynthesized H ₂ Agg carbide (Ī-Fe ₅ C ₂). Physics of Metals and Metallography, 2015, 116, 791-801.	1.0	14
12	Ultrasonic exploration of vacancy centres with the Jahn-Teller effect. Application to the ZnSe crystal. Physica Status Solidi (B): Basic Research, 2014, 251, 1590-1595.	1.5	7
13	Ultrasonic investigation of the Jahn-Teller effect in GaAs semiconductors doped by transition metals. Journal of Applied Physics, 2014, 116, 103708.	2.5	13
14	Temperature investigations of mechanosynthesized cementite. Physics of Metals and Metallography, 2014, 115, 576-585.	1.0	5
15	Patterns of the accumulation of chemical elements in the plankton of a fresh water body. Russian Journal of Ecology, 2012, 43, 378-385.	0.9	5
16	DAPO effect in Fe ₂₃ B ₆ . Physics of Metals and Metallography, 2012, 113, 48-61.	1.0	2
17	The geochemical role of phyto- and zooplankton in the extraction of chemical elements from water. Doklady Earth Sciences, 2011, 439, 1138-1140.	0.7	3
18	Study of mechanically synthesized carbide Fe ₇ C ₃ . Physics of Metals and Metallography, 2010, 110, 474-484.	1.0	18

#	ARTICLE	IF	CITATIONS
19	Dissolution of monazite in humic solutions. Radiochemistry, 2010, 52, 429-434.	0.7	2
20	Solubility of monazite chemical components in humic acid solutions. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 707-711.	1.5	3
21	Giant ultrasonic attenuation in ZnSe doped with Cr and its possible application in crystal characterization. Physica Status Solidi (B): Basic Research, 2010, 247, 1393-1395.	1.5	1
22	Behavior of monazite components in humic acid solutions. Doklady Chemistry, 2009, 428, 242-245.	0.9	3
23	Instability of the Fe ₂₃ B ₆ phase during thermomechanical treatment. Physics of Metals and Metallography, 2009, 108, 50-58.	1.0	7
24	Low-temperature relaxation in the ZnSe : V ²⁺ crystal. Physics of the Solid State, 2008, 50, 1772-1775.	0.6	1
25	Adiabatic elastic moduli in ZnSe : Mn ²⁺ and ZnSe : V ²⁺ crystals. Physics of the Solid State, 2008, 50, 1776-1778.	0.6	0
26	Ultrasonic investigation of $ZnSe : V^{2+}$ crystal. Physics of the Solid State, 2008, 50, 1776-1778.	0.6	0
26	Ultrasonic investigation of $ZnSe : V^{2+}$ crystal. Physics of the Solid State, 2008, 50, 1776-1778.	3.2	14
27	Short-range atomic order in Fe ₂ B powders. Physics of Metals and Metallography, 2007, 103, 470-480.	1.0	11
28	Mössbauer investigations of the metastable Fe ₂₃ B ₆ phase. Physics of Metals and Metallography, 2006, 101, 456-466.	1.0	12
29	Measuring Transport Numbers for Lithium Isotopes in the Li ₃ AlN ₂ Solid Electrolyte. Russian Journal of Electrochemistry, 2004, 40, 670-673.	0.9	2
30	Transport Properties of Solid Electrolytes: Effect of the Isotope Composition of Lithium Charge Carriers. Russian Journal of Electrochemistry, 2004, 40, 1029-1034.	0.9	2
31	Title is missing!. Radiochemistry, 2003, 45, 506-511.	0.7	1
32	Title is missing!. Doklady Physical Chemistry, 2003, 388, 18-20.	0.9	0
33	Title is missing!. Radiochemistry, 2003, 45, 47-50.	0.7	0