

Sofia Masloboeva

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

106
citations

5
h-index

9
g-index

42
ext. papers

130
ext. citations

1
avg, IF

2.5
L-index

#	Paper	IF	Citations
41	Preparation and Characterization of Gadolinium Niobate Tantalates Activated with Europium Ions. <i>Inorganic Materials</i> , 2021 , 57, 383-391	0.9	0
40	Preparation and Characterization of Lithium Niobate Single Crystals Doped with Zinc and Erbium. <i>Inorganic Materials</i> , 2021 , 57, 701-709	0.9	0
39	Separation and purification of tantalum from plumbomicrolite of amazonite deposit in Kola Peninsula by acid leaching and solvent extraction. <i>Journal of Central South University</i> , 2021 , 28, 72-88	2.1	1
38	SYNTHESIS, STRUCTURE, LUMINESCENT AND MECHANICAL PROPERTIES OF $\text{YNbTa}_4\text{O}_{14}$ SOLID SOLUTIONS. <i>Journal of Structural Chemistry</i> , 2021 , 62, 1715-1722	0.9	1
37	Preparation and Characterization of Lithium Niobate Single Crystals Activated with Magnesium and Boron. <i>Inorganic Materials</i> , 2021 , 57, 1271-1278	0.9	0
36	Comparative investigation of electrophysical characteristics of ceramic and single crystal LiNbO_3 . <i>Journal of Physics: Conference Series</i> , 2020 , 1658, 012010	0.3	2
35	Luminescence Properties of Sol-Gel Derived Ceramic $\text{GdNbTa}_4\text{O}_{14}$ and $\text{YNbTa}_4\text{O}_{14}$ Solid Solutions. <i>Inorganic Materials</i> , 2020 , 56, 437-442	0.9	0
34	Sol-gel synthesis of lithium niobate doped by zinc and boron and study of the luminescent properties of ceramics $\text{LiNbO}_3:\text{Zn}:\text{B}$. <i>Russian Chemical Bulletin</i> , 2020 , 69, 947-951	1.7	0
33	Synthesis of Zinc-Doped Lithium Tantalate Charge in the Technology of Novel Crystalline Functional Materials. <i>Russian Journal of Applied Chemistry</i> , 2020 , 93, 645-653	0.8	
32	Sol-Gel Synthesis of a Zn-Doped Lithium Tantalate Growth Charge. <i>Inorganic Materials</i> , 2020 , 56, 270-276	0.9	
31	Microstructure and Electrical and Mechanical Properties of Lithium Tantalate Ceramics Synthesized by a Sol-Gel Method. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 440-445	1.5	2
30	Growth and Characterization of a Boron-Doped Lithium Niobate Single Crystal. <i>Inorganic Materials</i> , 2020 , 56, 1147-1152	0.9	2
29	A Study of Electrical Characteristics of Crystals of Homogeneously Doped $\text{LiNbO}_3:\text{Zn},\text{Mg}$ in the Temperature Range of 450-900 K. <i>Technical Physics</i> , 2020 , 65, 1987-1993	0.5	2
28	Magnesium-and-Zinc-Doped Lithium Niobate Crystals: Preparation and Characterization. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 924-931	1.5	3
27	Investigation of Structural and Optical Homogeneity of $\text{LiNbO}_3:\text{ZnO}$ Crystals of Different Genesis. <i>Inorganic Materials: Applied Research</i> , 2020 , 11, 320-329	0.6	0
26	Synthesis of Homogeneous Doping with Zinc Charge of Lithium Niobate and Comparative Study of $\text{LiNbO}_3:\text{Zn}$ Crystals of Different Genesis. <i>Inorganic Materials: Applied Research</i> , 2019 , 10, 1196-1203	0.6	1
25	Synthesis and Comparative Study of the Microstructure and Properties of LiNbO_3 and $\text{LiNbO}_3:\text{Zn}$ Ceramics Manufactured by Sol-Gel Processes. <i>Russian Journal of Inorganic Chemistry</i> , 2019 , 64, 673-679	1.5	2

24	Synthesis and Luminescent Properties of Gadolinium Tantalum Niobates $Gd(Nb_xTa_{1-x})O_4$. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2019 , 127, 1011-1017	0.7	6
23	New Approach to the Preparation of Doped Lithium Niobate Batches for Single Crystal Growth. <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 449-454	1.5	5
22	Composition and Homogeneity of Nb_2O_5 Solid Precursors and $LiNbO_3$ Batches. <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 239-244	1.5	0
21	Synthesis of Nb_2O_5 solid precursors and $LiNbO_3$ batches and their phase compositions. <i>Russian Journal of Inorganic Chemistry</i> , 2016 , 61, 412-419	1.5	5
20	Effect of charge mixture preparation technology on the physicochemical and optical properties of $LiNbO_3:Mg$ crystals. <i>Inorganic Materials: Applied Research</i> , 2016 , 7, 691-697	0.6	5
19	Synthesis of homogeneously mg-doped lithium niobate batch and study of the effect of non-metal impurities on the properties of $LiNbO_3:Mg$ crystals. <i>Russian Journal of Inorganic Chemistry</i> , 2016 , 61, 18-23	1.5	4
18	Synthesis and investigation of homogeneously doped precursor $Ta_2O_5<Sm>$ and charge of composition $LiTaO_3<Sm>$. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 185-191	0.8	
17	Using laser ablation to study the microhomogeneity and composition of rare-earth doped Ta_2O_5 Precursors and a $LiTaO_3$ charge. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 1655-1661	0.7	1
16	Synthesis and study of a lithium tantalate charge doped with rare-earth elements. <i>Doklady Physical Chemistry</i> , 2015 , 460, 37-41	0.8	2
15	Determination of impurity elements in high-purity solid precursors based on tantalum pentoxide by inductively coupled plasma mass spectrometry. <i>Journal of Analytical Chemistry</i> , 2014 , 69, 598-607	1.1	1
14	Synthesis and properties of homogeneously doped $Nb_2O_5<Dy>$ and a $LiNbO_3<Dy>$ growth charge. <i>Inorganic Materials</i> , 2014 , 50, 803-809	0.9	6
13	Effect of the method used to prepare solid precursors $Nb_2O_5:Mg$ on the characteristics of $LiNbO_3:Mg$ crystals produced on their basis. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 178-182	1.5	10
12	Preparation and phase composition of $Ta_2O_5:Zn$ alloys having low Zn^{2+} concentrations. <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 274-279	1.5	
11	Study of the layering process in extraction systems for optimization of the technology of rare earth elements production. <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 505-509	0.8	
10	Structure and optical homogeneity of $LiNbO_3<Mg>$ crystals grown from different charges. <i>Inorganic Materials</i> , 2013 , 49, 715-720	0.9	28
9	Synthesis of high-purity tantalum pentoxide from wastes formed in manufacture of lithium tantalate single crystals. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 700-704	0.8	
8	Sodium-reduced tantalum powders produced from plumbomicrolite raw materials. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1025-1028	0.8	1
7	Synthesis and research of phase composition of alloys $Nb_2O_5: Fe^{3+}$ and $Ta_2O_5: Fe^{3+}$. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1827-1831	0.8	

6	Dependence of characteristics of tantalum powders on the type of the extractant used in preparation of raw material. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 572-576	0.8	
5	Synthesis and study of phase composition of Ta ₂ O ₅ : Mg alloys. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 1847-1850	0.8	
4	Niobium(V) oxide doped with Mg ²⁺ and Gd ³⁺ cations: Synthesis and structural studies. <i>Russian Journal of Inorganic Chemistry</i> , 2011 , 56, 1194-1198	1.5	13
3	Synthesis and study of potassium peroxyptafluorotantalate monohydrate. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 17-21	1.5	2
2	Effect of the oxygen content in a salt solution on the characteristics of sodium-reduced tantalum powders. <i>Russian Metallurgy (Metally)</i> , 2009 , 2009, 88-92	0.5	1
1	Reaction of Lithium Tantalate (Niobate) with Lithium Carbonate. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 19-22	0.8	