

# Anatolii Belous

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	High-Q Microwave Dielectric Materials Based on the Spinel Mg <sub>2</sub> TiO <sub>4</sub> . Journal of the American Ceramic Society, 2006, 89, 3441-3445.	3.8	189
2	Influence of impurities on the properties of rare-earth-doped barium titanate ceramics. Journal of Materials Chemistry, 2000, 10, 941-947.	6.7	101
3	Microwave composite dielectrics based on magnesium titanates. Journal of the European Ceramic Society, 2007, 27, 2963-2966.	5.7	72
4	Mössbauer Study and Magnetic Properties of M-Type Barium Hexaferrite Doped with Co + Ti and Bi + Ti Ions. Journal of Physical Chemistry B, 2006, 110, 26477-26481.	2.6	69
5	Percolation-Limited Ionic Diffusion in Li <sub>0.5-x</sub> NaxLa <sub>0.5</sub> TiO <sub>3</sub> Perovskites (0 ≤ x ≤ 0.5). Chemistry of Materials, 2002, 14, 5148-5152.	6.7	63
6	The effect of non-stoichiometry on the microstructure and microwave dielectric properties of the columbites A <sub>2</sub> Nb <sub>2</sub> O <sub>6</sub> . Journal of the European Ceramic Society, 2007, 27, 2933-2936.	5.7	46
7	Mössbauer and X-ray diffraction study of Co <sup>2+</sup> /Si <sup>4+</sup> substituted M-type barium hexaferrite BaFe <sub>12</sub> ~2~N...DjD3/4N...SiN...O19A±I <sup>3</sup> . Journal of Magnetism and Magnetic Materials, 2013, 330, 72-75.	2.3	43
8	Peculiarities of Li <sub>0.5</sub> La <sub>0.5</sub> TiO <sub>3</sub> Formation during the Synthesis by Solid-State Reaction or Precipitation from Solutions. Chemistry of Materials, 2004, 16, 407-417.	6.7	40
9	The homogeneity range and the microwave dielectric properties of the BaZn <sub>2</sub> Ti <sub>4</sub> O <sub>11</sub> ceramics. Journal of the European Ceramic Society, 2006, 26, 3733-3739.	5.7	40
10	Magnetic properties and high heating efficiency of ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles. Materials Chemistry and Physics, 2014, 146, 129-135.	4.0	35
11	Mechanisms of AC losses in magnetic fluids based on substituted manganites. Physical Chemistry Chemical Physics, 2015, 17, 18087-18097.	2.8	35
12	Effect of preparation conditions on cation ordering and dielectric properties of Ba(Mg <sub>1/3</sub> Ta <sub>2/3</sub> )O <sub>3</sub> ceramics. Journal of the European Ceramic Society, 2002, 22, 2013-2021.	5.7	33
13	PbTiO <sub>3</sub> Nanoparticles Embedded in a Liquid Crystalline Elastomer Matrix: Structural and Ordering Properties. Journal of Physical Chemistry C, 2010, 114, 10782-10789.	3.1	33
14	Advances in the Study of Cerium Oxide Nanoparticles: New Insights into Antiamyloidogenic Activity. ACS Applied Bio Materials, 2019, 2, 1884-1896.	4.6	33
15	Left-handed behavior of strontium-doped lanthanum manganite in the millimeter waveband. Applied Physics Letters, 2009, 95, .	3.3	32
16	Iron-Doped (La,Sr)MnO <sub>3</sub> Manganites as Promising Mediators of Self-Controlled Magnetic Nanohyperthermia. Nanoscale Research Letters, 2016, 11, 24.	5.7	32
17	Lithium La <sub>0.57</sub> Li <sub>0.33</sub> TiO <sub>3</sub> Perovskite and Li <sub>1.3</sub> Al <sub>0.3</sub> Ti <sub>1.7</sub> (PO <sub>4</sub> ) <sub>3</sub> Li-NASICON Supported Thick Films Electrolytes Prepared by Tape Casting Method. Journal of the Electrochemical Society, 2016, 163, A1653-A1659.	2.9	30
18	Ionic and electronic conductivity of 3 mol% Fe <sub>2</sub> O <sub>3</sub> -substituted cubic yttria-stabilized ZrO <sub>2</sub> (YSZ) and scandia-stabilized ZrO <sub>2</sub> (ScSZ). Solid State Ionics, 2014, 262, 517-521.	2.7	29

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19	Lithium ion conductors based on the perovskite $\text{La}_{2/3}\text{Li}_{1/3}\text{TiO}_3$ . Journal of the European Ceramic Society, 2001, 21, 1797-1800.	5.7	27
20	Title is missing!. Inorganic Materials, 2003, 39, 161-170.	0.8	27
21	Magnetic Properties and AC Losses in $\text{AFe}_2\text{O}_4$ (A = Mn, Co, Ni, Zn) Nanoparticles Synthesized from Nonaqueous Solution. Journal of Chemistry, 2015, 2015, 1-9.	1.9	27
22	Abnormal behavior of the dielectric parameters of $\text{Ba}_{1-x}\text{Ln}_{2x/3}\text{Ti}_8\text{O}_{54}$ (Ln=La-Gd) solid solutions. Journal of Applied Physics, 2002, 92, 3917-3922.	2.5	26
23	On the Local Structure and Lithium Dynamics of $\text{La}_{0.5}(\text{Li},\text{Na})_{0.5}\text{TiO}_3$ Ionic Conductors. A Raman Study. Chemistry of Materials, 2005, 17, 5862-5866.	6.7	26
24	Vacancy-induced enhancement of magnetic interactions in (Ca, Na)-doped lanthanum manganites. Journal of Applied Physics, 2007, 102, 063902.	2.5	25
25	Magnetoelectric effect in composite structures based on ferroelectric-ferromagnetic perovskites. Journal of the European Ceramic Society, 2010, 30, 259-263.	5.7	25
26	The effect of partial isovalent substitution in the A-sublattice on MW properties of materials based on $\text{Ba}_{1-x}\text{Ln}_{2x/3}\text{Ti}_8\text{O}_{54}$ solid solutions. Journal of the European Ceramic Society, 2001, 21, 2723-2730.	5.7	24
27	Solid electrolytes based on lithium-containing lanthanum metaniobates. Journal of the European Ceramic Society, 2004, 24, 1301-1304.	5.7	23
28	Crystallographic, electrical, and magnetic properties of the system $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ . Low Temperature Physics, 2006, 32, 134-138.	0.6	21
29	Effect of nonstoichiometry on the structure and microwave dielectric properties of $\text{Ba}(\text{Co}_{1/3}\text{Nb}_{2/3})\text{O}_3$ . Inorganic Materials, 2010, 46, 529-533.	0.8	21
30	Negative permittivity and left-handed behavior of doped manganites in millimeter waveband. Applied Physics Letters, 2010, 97, .	3.3	21
31	Single Crystal Electron Paramagnetic Resonance with Dielectric Resonators of Mononuclear $\text{Cu}^{2+}$ Ions in a Metal-Organic Framework Containing $\text{Cu}_2$ Paddle Wheel Units. Journal of Physical Chemistry C, 2015, 119, 19171-19179.	3.1	21
32	Lanthanum-strontium manganites for magnetic nanohyperthermia: Fine tuning of parameters by substitutions in lanthanum sublattice. Journal of Alloys and Compounds, 2017, 702, 31-37.	5.5	21
33	Influence of Vacancy Ordering on the Percolative Behavior of $(\text{Li}_{1-x}\text{Na}_x)_3\text{La}_{2/3-y}\text{TiO}_3$ Perovskites. Journal of Physical Chemistry B, 2005, 109, 3262-3268.	2.6	20
34	Synthesis of Iron Oxide Nanoparticles by Different Methods and Study of their Properties. Solid State Phenomena, 0, 230, 108-113.	0.3	20
35	Profound Interfacial Effects in $\text{CoFe}_2\text{O}_4/\text{Fe}_3\text{O}_4$ and $\text{Fe}_3\text{O}_4/\text{CoFe}_2\text{O}_4$ Core/Shell Nanoparticles. Nanoscale Research Letters, 2018, 13, 67.	5.7	20
36	Influence of the Chemical Composition on Structural Properties and Electrical Conductivity of $\text{Y}_{1-x}\text{Ce}_x\text{ZrO}_2$ . Chemistry of Materials, 2007, 19, 5179-5184.	6.7	19

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37	(La,Sr)(Mn,Me)O <sub>3</sub> manganites doped with d metals: Study of charge compensation mechanisms by crystallographic and magnetic characterizations. Journal of the European Ceramic Society, 2007, 27, 3919-3922.	5.7	19
38	New ceramic EPR resonators with high dielectric permittivity. Journal of Magnetic Resonance, 2008, 195, 52-59.	2.1	19
39	Temperature compensated microwave dielectrics based on lithium containing titanates. Journal of the European Ceramic Society, 2003, 23, 2525-2528.	5.7	18
40	Structure and Properties of Nonstoichiometric La <sub>1-x</sub> Na <sub>x</sub> MnO <sub>3</sub> Solid Solutions. Inorganic Materials, 2004, 40, 744-750.	0.8	18
41	Effect of Synthesis Method of La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> Manganite Nanoparticles on Their Properties. Nanoscale Research Letters, 2018, 13, 13.	5.7	18
42	Oxidation state of copper ions in (La <sub>0.7</sub> Sr <sub>0.3</sub> )(Mn <sub>1-x</sub> Cu <sub>x</sub> )O <sub>3</sub> ceramics and their magnetic properties. Inorganic Materials, 2006, 42, 286-293.	0.8	17
43	Effect of nonstoichiometry on the structure and microwave dielectric properties of cobalt metaniobate. Inorganic Materials, 2006, 42, 1369-1373.	0.8	17
44	Effect of vacancies on the structural and relaxor properties of (Sr,Ba,Na)Nb <sub>2</sub> O <sub>6</sub> . Journal of Applied Physics, 2007, 102, 014111.	2.5	17
45	Low-Loss Microwave Ceramics Based on Non-Stoichiometric Perovskites Ba(Co <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> and Ba(Zn <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> . Ferroelectrics, 2008, 367, 149-162.	0.6	17
46	Synthesis and characterization of La <sub>0.7</sub> Sr <sub>0.3</sub> Mn <sub>1-x</sub> Ti <sub>x</sub> O <sub>3</sub> manganites. Physics of the Solid State, 2006, 48, 709-716.	0.6	16
47	Structural, electrical, and magnetic properties of La <sub>0.7</sub> Ca <sub>0.3-x</sub> Na <sub>x</sub> MnO <sub>3</sub> solid solutions. Inorganic Materials, 2008, 44, 181-188.	0.8	16
48	Effect of heat treatment on the phase composition, structure and magnetic properties of M-type barium hexaferrite. Journal of Magnetism and Magnetic Materials, 2014, 368, 1-7.	2.3	16
49	Synthesis of thin-film electrodes based on LiPON and LiPON-LLTO-LiPON. Russian Journal of Electrochemistry, 2014, 50, 523-530.	0.9	16
50	Interplay between superparamagnetic and blocked behavior in an ensemble of lanthanum-strontium manganite nanoparticles. Physical Chemistry Chemical Physics, 2017, 19, 27015-27024.	2.8	16
51	New rhenium containing seignettomagnets and ferroelectrics. Physica Status Solidi A, 1977, 44, 247-257.	1.7	15
52	Synthesis and Microwave Dielectric Properties of MgO-TiO <sub>2</sub> -SiO <sub>2</sub> Ceramics. Inorganic Materials, 2004, 40, 1116-1121.	0.8	14
53	Effect of preparation conditions on fractal structure and phase transformations in the synthesis of nanoscale M-type barium hexaferrite. Journal of Magnetism and Magnetic Materials, 2011, 323, 2497-2503.	2.3	14
54	Effect of precipitation conditions on the phase composition, particle morphology, and properties of iron(III,II) hydroxide precipitates. Inorganic Materials, 2000, 36, 343-351.	0.8	13

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55	Ionic and electronic conductivity of 3mol% Fe <sub>2</sub> O <sub>3</sub> -substituted cubic Y-stabilized ZrO <sub>2</sub> . Solid State Ionics, 2012, 226, 53-58.	2.7	13
56	Dielectric-ferrite film heterostructures for magnetic field controlled resonance microwave components. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 197, 36-42.	3.5	13
57	The effect of sol-gel preparation conditions on structural characteristics and magnetic properties of M-type barium hexaferrite thin films. Journal of Sol-Gel Science and Technology, 2015, 75, 215-223.	2.4	13
58	Dielectric Ceramic EPR Resonators for Low Temperature Spectroscopy at X-band Frequencies. Applied Magnetic Resonance, 2015, 46, 33-48.	1.2	13
59	New seignette-magnets with hexagonal barium titanate structure. Physica Status Solidi A, 1978, 48, 183-189.	1.7	12
60	Physicochemical aspects of the development of MW dielectrics and their use. Journal of the European Ceramic Society, 2001, 21, 2717-2722.	5.7	12
61	Synthesis and properties of AFe <sub>2</sub> O <sub>4</sub> (A = Mn, Fe, Co, Ni, Zn) nanoparticles produced by deposition from diethylene glycol solution. Russian Journal of Inorganic Chemistry, 2013, 58, 901-905.	1.3	12
62	Nanoparticles of spinel and perovskite ferromagnets and prospects for their application in medicine. AIP Conference Proceedings, 2014, , .	0.4	12
63	Title is missing!. Inorganic Materials, 2003, 39, 645-651.	0.8	11
64	Synthesis and microwave dielectric properties of Zn <sub>1+x</sub> Nb <sub>2</sub> O <sub>6+x</sub> . Inorganic Materials, 2007, 43, 277-280.	0.8	11
65	Effect of Synthesis Temperature on Structure and Magnetic Properties of (La,Nd) <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Nanoparticles. Nanoscale Research Letters, 2017, 12, 100.	5.7	11
66	Critical behavior of ensembles of superparamagnetic nanoparticles with dispersions of magnetic parameters. Journal of Physics Condensed Matter, 2019, 31, 375801.	1.8	11
67	Properties of lithium ion-conducting ceramics based on rare-earth titanates. Ionics, 1998, 4, 360-363.	2.4	10
68	Effect of zirconium and yttrium hydroxide precipitation conditions on the fractal structure of the resulting xerogels and 0.97ZrO <sub>2</sub> · 0.03Y <sub>2</sub> O <sub>3</sub> powders. Inorganic Materials, 2007, 43, 258-263.	0.8	10
69	Effect of synthesis methods on the morphology of nanosized tin dioxide particles. Russian Journal of Inorganic Chemistry, 2007, 52, 1835-1839.	1.3	10
70	Low-Loss Perovskite Niobates Ba(M <sub>1/3</sub> <sup>2+</sup> Nb <sub>2/3</sub> )O <sub>3</sub> : Composition, Structure, and Microwave Dielectric Properties. Ferroelectrics, 2009, 387, 36-45.	0.6	10
71	Synthesis of nanosized (Li,La){Ti,Nb,Ta}O <sub>3</sub> particles using the sol-gel method. Russian Journal of Inorganic Chemistry, 2013, 58, 637-643.	1.3	10
72	Structural aspects of magnetic fluid stabilization in aqueous agarose solutions. Journal of Magnetism and Magnetic Materials, 2017, 431, 16-19.	2.3	10

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73	Effect of non-stoichiometry of initial reagents on morphological and structural properties of perovskites CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> . Nanoscale Research Letters, 2019, 14, 4.	5.7	10
74	Solid-state reaction mechanism for the formation of Ba <sub>6-2x</sub> Ln <sub>8+2x/3</sub> Ti <sub>18</sub> O <sub>54</sub> (Ln = Nd, Sm) solid solutions. Journal of Materials Research, 2001, 16, 2350-2356.	2.6	9
75	Title is missing!. Inorganic Materials, 2003, 39, 133-138.	0.8	9
76	Redox processes in highly yttrium-doped barium titanate. Journal of Solid State Chemistry, 2005, 178, 1367-1375.	2.9	9
77	Structural, electrical, and magnetic properties of La <sub>0.7</sub> Sr <sub>0.3</sub> Mn <sub>1-y</sub> CryO <sub>3</sub> . Inorganic Materials, 2006, 42, 1121-1125.	0.8	9
78	Mössbauer and X-ray Diffraction Studies of Cubic Solid Solutions of the ZrO <sub>2</sub> -Y <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> System. Journal of Physical Chemistry C, 2008, 112, 3914-3919.	3.1	9
79	Effect of impurities on the electrical properties of the defect perovskite Li <sub>0.33</sub> La <sub>0.57</sub> TiO <sub>3</sub> . Inorganic Materials, 2017, 53, 326-332.	0.8	9
80	Impurity and Intrinsic Defects in Barium Titanate Ceramics and Their Influence on PTCR Effect. Ferroelectrics, 2003, 288, 243-251.	0.6	8
81	Synthesis of nanosize particles of cobalt and nickel oxides from solutions. Russian Journal of Applied Chemistry, 2006, 79, 345-350.	0.5	8
82	Synthesis and comparative characteristics of biological activities of (La, Sr)MnO <sub>3</sub> and Fe <sub>3</sub> O <sub>4</sub> nanoparticles. European Journal of Nanomedicine, 2017, 9, .	0.6	8
83	Structural Aspects of Fe <sub>3</sub> O <sub>4</sub> /CoFe <sub>2</sub> O <sub>4</sub> Magnetic Nanoparticles According to X-Ray and Neutron Scattering. Journal of Surface Investigation, 2018, 12, 737-743.	0.5	8
84	Biological activity of cerium dioxide nanoparticles. Journal of Biomedical Materials Research - Part A, 2020, 108, 1703-1712.	4.0	8
85	Impurity centers in a barium titanate ceramic doped with rare-earth ions. Physics of the Solid State, 1999, 41, 1688-1692.	0.6	7
86	Effect of the Distribution of Manganese Ions on the Properties of Mn-Doped (Ba,Y)TiO <sub>3</sub> PTCR Ceramics. Inorganic Materials, 2003, 39, 190-197.	0.8	7
87	Lithium-Ion conducting oxides: Synthesis, structure, and electroconducting properties. Russian Journal of General Chemistry, 2009, 79, 1987-1997.	0.8	7
88	The Effect of Impurity Phases on the Structure and Properties of Microwave Dielectrics Based on Complex Perovskites Ba(Co <sub>1/32</sub> +Nb <sub>2/3</sub> )O <sub>3</sub> . Ferroelectrics, 2009, 387, 189-196.	0.6	7
89	Application of positron annihilation and Raman spectroscopies to the study of perovskite type materials. Journal of Applied Physics, 2010, 108, 114109.	2.5	7
90	Effect of nonstoichiometry on the structure and microwave dielectric properties of Ba <sub>1-x</sub> (Zn <sub>1/2</sub> W <sub>1/2</sub> )O <sub>3-y/2</sub> and Ba(Zn <sub>1/2-y</sub> W <sub>1/2</sub> )O <sub>3-y/2</sub> . Inorganic Materials, 2011, 47, 313-316.	0.8	7

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91	Structural and magnetic properties of $Ba_{0.7}Sr_{0.3}Fe_{1-2x}Co_xTi_xO_{19}$ M-type hexaferrites. Inorganic Materials, 2013, 49, 621-625.	0.8	7
92	Polyol Synthesis and Properties of $AFe_2O_4$ Nanoparticles (A = Mn, Fe, Co, Ni). <i>Tj ETQq0 0,0 rgBT /Overlock 10</i>	0.3	7
93	Semi-oxalate synthesis of $(1-x)BaTiO_3-xMO.5Bi0.5TiO_3$ (M = Li, Na, K) PTCR materials. Journal of Advanced Ceramics, 2016, 5, 117-125.	17.4	7
94	Impedance Analysis of Thin Films of Organic-Inorganic Perovskites $CH_3NH_3PbI_3$ with Control of Microstructure. Nanoscale Research Letters, 2018, 13, 98.	5.7	7
95	Unusual substitutional properties of Cu in bulk polycrystalline samples of $La_{0.7}Ca_{0.3}Mn_{1-x}Cu_xO_3$ . Low Temperature Physics, 2001, 27, 366-371.	0.6	6
96	Title is missing!. Russian Journal of Electrochemistry, 2002, 38, 425-430.	0.9	6
97	Effect of Synthesis Conditions on the Lithium Nonstoichiometry and Properties of $La_{2/3-x}Li_3x-1/3-xM_2O_6$ (M = Nb, Ta) Perovskite-like Solid Solutions. Inorganic Materials, 2004, 40, 867-873.	0.8	6
98	Structural and dielectric properties of solid solutions of sodium niobate in lanthanum and neodymium niobates. Inorganic Materials, 2004, 40, 1324-1330.	0.8	6
99	Electrical properties of $BaTi_{1-x}M_xO_3$ (M = Nb, Ta, Mo, W) ceramics. Inorganic Materials, 2006, 42, 1363-1368.	0.8	6
100	Effect of the A-Site Substitution on the Structure Peculiarities and Ionic Conductivity of Solid Electrolytes $La_{2/3-x}Li_3x-1/3-xNb_2O_6$ . Materials and Manufacturing Processes, 2008, 23, 607-610.	4.7	6
101	Effect of synthesis conditions on the fractal structure of yttrium-stabilized zirconium dioxide. Journal of Non-Crystalline Solids, 2009, 355, 2557-2561.	3.1	6
102	A-site deficient perovskites $Ba(M_{2+1/3}Nb_{2/3})O_3$ : microstructural attributes for a high quality factor. Materials Science-Poland, 2011, 29, 56-62.	1.0	6
103	Intercalation processes influence the structure and electrophysical properties of lithium-conducting compounds having defect perovskite structure. Russian Journal of Inorganic Chemistry, 2011, 56, 93-98.	1.3	6
104	Temperature curve of magnetization and left-handed properties of $La_{0.775}Sr_{0.225}MnO_3$ . Applied Physics Letters, 2012, 100, 171104.	3.3	6
105	Left-handed properties of manganite-perovskites $La_{1-x}Sr_xMnO_3$ at various dopant concentrations. AIP Advances, 2014, 4, .	1.3	6
106	Influence of Synthesis Conditions on the Morphology and Spectral-Luminescent Properties of Films of Organic-Inorganic Perovskite $CH_3NH_3Pb_{2.98}Cl_{0.02}$ . Russian Journal of General Chemistry, 2018, 88, 114-119.	0.8	6
107	Dual-Functional Antioxidant and Antiamyloid Cerium Oxide Nanoparticles Fabricated by Controlled Synthesis in Water-Alcohol Solutions. Biomedicines, 2022, 10, 942.	3.2	6
108	Structural aspects and ionic conductivity in perovskite-like doped niobates and titanates. Ionics, 1997, 3, 117-121.	2.4	5



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109	Anomalous transport behavior of $\text{La}_{0.825}\text{Sr}_{0.175}\text{MnO}_3$ polycrystalline samples below Curie temperature. <i>Low Temperature Physics</i> , 1999, 25, 74-75.	0.6	5
110	Phase Composition of Heat-Treatment Products in the $\text{ZrO}(\text{OH})_2\text{-Y}(\text{OH})_3\text{-FeOOH}$ System. <i>Inorganic Materials</i> , 2001, 37, 248-253.	0.8	5
111	Oxidation of reduced Y-doped semiconducting barium titanate ceramics. <i>Inorganic Materials</i> , 2005, 41, 87-93.	0.8	5
112	Microwave dielectrics with enhanced permittivity. <i>Journal of the European Ceramic Society</i> , 2006, 26, 1821-1826.	5.7	5
113	Structural and magnetic properties of $\text{BaFe}_{12-2x}\text{Co}_x\text{Sn}_x\text{O}_{19}$ modified M-type hexaferrites. <i>Inorganic Materials</i> , 2012, 48, 1147-1152.	0.8	5
114	Synthesis of ferromagnetic $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ nanoparticles by precipitation from diethylene glycol solution and their properties. <i>Journal of Advanced Ceramics</i> , 2016, 5, 197-203.	17.4	5
115	Peculiarities of ionic conduction in $\text{Li}_{0.5}\text{YNa}_{0.5}\text{Nb}_2\text{O}_6$ system at high temperatures. <i>Solid State Ionics</i> , 2017, 300, 86-90.	2.7	5
116	Magnetothermic Effect in Core/Shell Nanocomposite $(\text{La,Sr})\text{MnO}_3/\text{SiO}_2$ . <i>Theoretical and Experimental Chemistry</i> , 2018, 54, 92-98.	0.8	5
117	Preparation and Properties of Films of Organic-Inorganic Perovskites $\text{MAPbX}_3$ ( $\text{MA} = \text{CH}_3\text{NH}_3$ ; $\text{X} = \text{Cl}$ ). <i>Tj ETQq1 1 0,784314 1gBT /Ov</i>	0.8	5
118	Physicochemical aspects of the development of new functional materials based on heterosubstituted titanates of rare-earth elements with the Perovskite structure. <i>Theoretical and Experimental Chemistry</i> , 1998, 34, 301-318.	0.8	4
119	Formation and electrophysical properties of Y-containing positive temperature coefficient of resistance ceramics doped by calcium, strontium, and manganese. <i>Materials Research Bulletin</i> , 2004, 39, 297-308.	5.2	4
120	Effect of combined doping ( $\text{y}_3 + + \text{fe}_3 +$ ) on structural features of nanodispersed zirconium oxide. <i>Journal of Materials Science</i> , 2005, 40, 5273-5280.	3.7	4
121	Effects of reduced dimensionality in the relaxation dynamics of ionic conductors. <i>Europhysics Letters</i> , 2005, 69, 770-776.	2.0	4
122	$\text{BaTi}_{1-x}\text{Sn}_x\text{O}_3$ Solid Solutions: Solid-Phase and Sol-Gel Syntheses and Characterization. <i>Russian Journal of Inorganic Chemistry</i> , 2008, 53, 157-163.	1.3	4
123	The Effect of Chemical Composition on the Structure and Dielectric Properties of the Columbites $\text{A}[\text{sup } 2+]\text{Nb}[\text{sub } 2]\text{O}[\text{sub } 6]$ . <i>Journal of the Electrochemical Society</i> , 2009, 156, G206.	2.9	4
124	Spontaneous fractal ordering of zirconium oxide nanoparticles during synthesis from solution. <i>Journal of the European Ceramic Society</i> , 2010, 30, 141-145.	5.7	4
125	Synthesis and electrical characteristics of $(1-x)\text{BaTiO}_3-x\text{K}_0.5\text{Bi}_0.5\text{TiO}_3$ PTCR ceramics. <i>Materials Chemistry and Physics</i> , 2012, 136, 167-172.	4.0	4
126	Dielectric and Relaxor Properties of $\text{Ba}_{0.9}\text{Mn}_{0.1}\text{O}_{4.5}$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3202-3206.	0.8	45



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127	Ionic and electronic conductivities of yttria- and scandia-stabilized zirconia. <i>Inorganic Materials</i> , 2014, 50, 1235-1241.	0.8	4
128	Lithium-air cell with lanthanum-lithium titanate ceramic electrolyte. <i>Russian Journal of Electrochemistry</i> , 2015, 51, 1162-1167.	0.9	4
129	Analysis of low-temperature FMR spectra of Fe <sub>3</sub> O <sub>4</sub> and ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles synthesized using organic molecules. <i>Low Temperature Physics</i> , 2021, 47, 220-227.	0.6	4
130	New seignettomagnets with the hexagonal barium titanate structure. <i>Ferroelectrics</i> , 1976, 13, 519-521.	0.6	3
131	ESR of Y and Pb-doped BaTiO <sub>3</sub> ceramics with positive temperature coefficient of resistivity. <i>Ferroelectrics</i> , 2001, 254, 383-391.	0.6	3
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