Anatolii Belous

List of Publications by Year
in descending order

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203	2,324	257450	315739
papers	citations	24 h-index	38 g-index

203	203	203	2002
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of lithium substitution with sodium on electrical properties in La0.5Li0.5-xNaxTiO3 and La0.67Li0.2-yNayTi0.8Al0.2O3 solid solutions. Solid State Communications, 2022, 343, 114663.	1.9	0
2	Anomalous Increase in Ionic Conductivity in Peo-Containing System Segmented Polyurethane â€“ Segmented Oligourethane with LiClO4. Theoretical and Experimental Chemistry, 2022, 57, 429-436.	0.8	0
3	Structure and biological activity of particles produced from highly activated carbon adsorbent. Heliyon, 2022, 8, e09163.	3.2	3
4	Low-temperature ferromagnetic resonance in bare and SiO₂ coated La_{0.775}Sr_{0.225}MnO₃ nanoparticles. Low Temperature Physics, 2022, 48, 330-335.	0.6	0
5	Dual-Functional Antioxidant and Antiamyloid Cerium Oxide Nanoparticles Fabricated by Controlled Synthesis in Water-Alcohol Solutions. Biomedicines, 2022, 10, 942.	3.2	6
6	INFLUENCE OF THE SOLVENT AND THE RATIO OF STARTING REAGENTS ON THE PROPERTIES OF ORGANIC-INORGANIC PEROVSKITE MAPbI3. Ukrainian Chemistry Journal, 2022, 88, 79-93.	0.5	0
7	Preparation and Properties of Films of Organic-Inorganic Perovskites MAPbX3 (MA = CH3NH3; X = Cl,) Tj ETQq1 1 0.784314 rgBT /Ov	0.8	9
8	Nanoscale Heat Mediators for Magnetic Hyperthermia: Materials, Problems, and Prospects. , 2021, , 25-64.		0
9	Analysis of low-temperature FMR spectra of Fe3O4 and ZnFe2O4 nanoparticles synthesized using organic molecules. Low Temperature Physics, 2021, 47, 220-227.	0.6	4
10	Influence of Solvent on Stability and Electrophysical Properties of Organicâ€“Inorganic Perovskites Films CH3NH3PbI3. Theoretical and Experimental Chemistry, 2021, 57, 113-120.	0.8	3
11	THE SYNTHESIS IMPACT ON DIELECTRIC PROPERTIES OF La0.5Li0.5-xNaxTiO3. Ukrainian Chemistry Journal, 2021, 87, 15-24.	0.5	1
12	Structural Stability of Dispersions of Magnetic Nanoparticles in Aqueous Solutions of Polysorbate-80. Journal of Surface Investigation, 2021, 15, 781-786.	0.5	1
13	PHASE FORMATION PROCESSES OF ORGANIC-INORGANIC CH3NH3PbI3 PEROVSKITES USING A DMF SOLVENT. Ukrainian Chemistry Journal, 2021, 87, 63-81.	0.5	1
14	FEATURES OF PHASE TRANSFORMATIONS IN THE SYNTHESIS OF COMPLEX LITHIUM-CONDUCTING OXIDE MATERIALS. Ukrainian Chemistry Journal, 2021, 87, 14-34.	0.5	0
15	Biological activity of cerium dioxide nanoparticles. Journal of Biomedical Materials Research - Part A, 2020, 108, 1703-1712.	4.0	8
16	Magnetically tunable composite ferrite-dielectric microwave elements. Journal of Magnetism and Magnetic Materials, 2020, 505, 166691.	2.3	3
17	SYNTHESIS AND DIELECTRIC PROPERTIES OF La0.67LixTi1-xAlxO3 (0.15â‰¤xâ‰¤0.3) CERAMICS. Ukrainian Chemistry Journal, 2020, 86, 13-23.	0.5	2
18	Photoelectrochemical Systems for Hydrogen Evolution Using Ion-Conducting Membranes. ECS Transactions, 2020, 99, 221-227.	0.5	0

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19	Magnetic Properties of Fe3O4/CoFe2O4 Composite Nanoparticles with Core/Shell Architecture. Ukrainian Journal of Physics, 2020, 65, 904.	0.2	1
20	DEVELOPMENT AND RESEARCH OF COMPOSITE ELECTROLYTE BASED ON LATP/LIPF6 SYSTEM FOR LITHIUM BATTERIES. Ukrainian Chemistry Journal, 2020, 86, 75-87.	0.5	0
21	Critical behavior of ensembles of superparamagnetic nanoparticles with dispersions of magnetic parameters. Journal of Physics Condensed Matter, 2019, 31, 375801.	1.8	11
22	Effect of non-stoichiometry of initial reagents on morphological and structural properties of perovskites CH3NH3PbI3. Nanoscale Research Letters, 2019, 14, 4.	5.7	10
23	Advances in the Study of Cerium Oxide Nanoparticles: New Insights into Antiamyloidogenic Activity. ACS Applied Bio Materials, 2019, 2, 1884-1896.	4.6	33
24	Synthesis of Ferromagnetic La1-xSrxMnO3 Nanoparticles by Precipitation in the Reversed Microemulsions. , 2019, , .		0
25	Magnetically Controlled Nanocomposite for Microwave Elements. , 2019, , .		1
26	Contribution of nanointerfaces to colossal permittivity of doped Ba(Ti,Sn)O3 ceramics. Applied Nanoscience (Switzerland), 2019, 9, 767-773.	3.1	1
27	SYNTHESIS AND INVESTIGATION OF BARIUM TITANATE STANNATE SOLID SOLUTION. Ukrainian Chemical Journal, 2019, 85, 75-83.	0.3	3
28	SYNTHESIS, PROPERTIES CaCu3Ti4O12 WITH COLOSSAL VALUE OF THE DIELECTRIC PERMITTIVITY. Ukrainian Chemical Journal, 2019, 85, 77-86.	0.3	3
29	SYNTHESIS AND CRYSTALLOCHEMICAL PROPERTIES OF Ce-SUBSTITUTED NANOPARTICLES OF MANGANITE (La,Sr)MnO3. Ukrainian Chemical Journal, 2019, 85, 17-24.	0.3	1
30	ORGANIC-INORGANIC PEROVSKITE CH3NH3PbI3: MORPHOLOGICAL, STRUCTURAL AND PHOTOELECTROPHYSICAL PROPERTIES. Ukrainian Chemical Journal, 2019, 85, 31-41.	0.3	2
31	SYNTHESIS OF NANOSCALED MAGNETIC MATERIALS ON THE BASIS OF OXIDE SYSTEMS AND MANUFACTURING OF NON-RECIPROCAL COMPOSITE ELEMENTS BASED ON THEM. Ukrainian Chemical Journal, 2019, 85, 16-23.	0.3	0
32	SYNTHESIS OF Li-CONDUCTIVE NANOPARTICLES WITH NASICON-TYPE STRUCTURE. Ukrainian Chemical Journal, 2019, 85, 28-40.	0.3	0
33	Influence of Synthesis Conditions on the Morphology and Spectral-Luminescent Properties of Films of Organic-Inorganic Perovskite CH3NH3PbI2.98Cl0.02. Russian Journal of General Chemistry, 2018, 88, 114-119.	0.8	6
34	Effect of Synthesis Method of La1â€‰â^'â€‰xSrxMnO3 Manganite Nanoparticles on Their Properties. Nanoscale Research Letters, 2018, 13, 13.	5.7	18
35	Impedance Analysis of Thin Films of Organic-Inorganic Perovskites CH3NH3PbI3 with Control of Microstructure. Nanoscale Research Letters, 2018, 13, 98.	5.7	7
36	Profound Interfacial Effects in CoFe2O4/Fe3O4 and Fe3O4/CoFe2O4 Core/Shell Nanoparticles. Nanoscale Research Letters, 2018, 13, 67.	5.7	20

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37	Structural Aspects of Fe3O4/CoFe2O4 Magnetic Nanoparticles According to X-Ray and Neutron Scattering. Journal of Surface Investigation, 2018, 12, 737-743.	0.5	8
38	Magnetothermic Effect in Core/Shell Nanocomposite (La,Sr)MnO3/SiO2. Theoretical and Experimental Chemistry, 2018, 54, 92-98.	0.8	5
39	Zirconium Oxide Stabilized By Scandium (III) And Cerium (IV) Complex Oxides As The Basis For Preparation Of Thick Films And Multilayers Structures For Low Temperature (600 Â°C) Fuel Cell. French-Ukrainian Journal of Chemistry, 2018, 6, 16-20.	0.4	3
40	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
41	Effect of Synthesis Temperature on Structure and Magnetic Properties of (La,Nd)0.7Sr0.3MnO3 Nanoparticles. Nanoscale Research Letters, 2017, 12, 100.	5.7	11
42	Synthesis and comparative characteristics of biological activities of (La, Sr)MnO3 and Fe3O4 nanoparticles. European Journal of Nanomedicine, 2017, 9, .	0.6	8
43	Effect of impurities on the electrical properties of the defect perovskite Li0.33La0.57TiO3. Inorganic Materials, 2017, 53, 326-332.	0.8	9
44	Peculiarities of ionic conduction in Li0.5â^'yNayLa0.5Nb2O6 system at high temperatures. Solid State Ionics, 2017, 300, 86-90.	2.7	5
45	Interplay between superparamagnetic and blocked behavior in an ensemble of lanthanumâ€“strontium manganite nanoparticles. Physical Chemistry Chemical Physics, 2017, 19, 27015-27024.	2.8	16
46	Structural aspectsÂof magnetic fluid stabilization in aqueous agarose solutions. Journal of Magnetism and Magnetic Materials, 2017, 431, 16-19.	2.3	10
47	Quasi-static magnetic properties and high-frequency energy losses in CoFe2O4nanoparticles. Low Temperature Physics, 2016, 42, 470-474.	0.6	2
48	Semi-oxalate synthesis of (1â^'x)BaTiO3â^'xM0.5Bi0.5TiO3 (M = Li, Na, K) PTCR materials. Journal of Advanced Ceramics, 2016, 5, 117-125.	17.4	7
49	Codoping of scandium-containing zirconia-based solid electrolytes with iron, cerium, and copper oxides. Inorganic Materials, 2016, 52, 301-308.	0.8	3
50	Simulation of the electron magnetic resonance peak shape for Fe3O4 nanopowder. , 2016, , .		0
51	Synthesis of ferromagnetic La1â^'x Sr x MnO3 nanoparticles by precipitation from diethylene glycol solution and their properties. Journal of Advanced Ceramics, 2016, 5, 197-203.	17.4	5
52	Lithium La_{0.57}Li_{0.33}TiO₃Perovskite and Li_{1.3}Al_{0.3}Ti_{1.7}(PO₄)₃Li-NASICON Supported Thick Films Electrolytes Prepared by Tape Casting Method. Journal of the Electrochemical Society, 2016, 163, A1653-A1659.	2.9	30
53	Iron-Doped (La,Sr)MnO3 Manganites as Promising Mediators of Self-Controlled Magnetic Nanohyperthermia. Nanoscale Research Letters, 2016, 11, 24.	5.7	32
54	Magnetic Properties and AC Losses in AFe₂O₄(A = Mn, Co, Ni, Zn) Nanoparticles Synthesized from Nonaqueous Solution. Journal of Chemistry, 2015, 2015, 1-9.	1.9	27

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55	Lithiumâ€“air cell with lanthanumâ€“lithium titanate ceramic electrolyte. Russian Journal of Electrochemistry, 2015, 51, 1162-1167.	0.9	4
56	Single Crystal Electron Paramagnetic Resonance with Dielectric Resonators of Mononuclear Cu²⁺ Ions in a Metalâ€“Organic Framework Containing Cu₂ Paddle Wheel Units. Journal of Physical Chemistry C, 2015, 119, 19171-19179.	3.1	21
57	Properties and Potential Applications of Ferromagnetic Nanostructures in Medicine and Microwave Engineering. Solid State Phenomena, 2015, 230, 95-100.	0.3	3
58	Complex Impedance Analyses of Ba₁₋_xLi_{0.5}_xBi_{0.5}_xTiO₃ Solid Solution PTCR Ceramics. Solid State Phenomena, 2015, 230, 211-216.	0.3	2
59	Mechanisms of AC losses in magnetic fluids based on substituted manganites. Physical Chemistry Chemical Physics, 2015, 17, 18087-18097.	2.8	35
60	Evidence for changes on the lithium conduction dimensionality of Li_{0.5â^'y}Na_yLa_{0.5}Nb₂O₆ (0 â‰¤ y â‰¤ 0.5) perovskites. RSC Advances, 2015, 5, 27912-27921.	3.6	2
61	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
62	The effect of solâ€“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
63	Some aspects of charge transport in Li0.5-xNaxLa0.5TiO3 (x = 0, 0.25) ceramics. Functional Materials Letters, 2015, 08, 1550076.	1.2	3
64	Phase composition of the ferrite catalyst with the spinel structure and its catalytic activity in the waterâ€”gas shift reaction of carbon monoxide. Russian Chemical Bulletin, 2015, 64, 332-336.	1.5	0
65	Dielectric Ceramic EPR Resonators for Low Temperature Spectroscopy at X-band Frequencies. Applied Magnetic Resonance, 2015, 46, 33-48.	1.2	13
66	(1-x)BaTiO<inf>3</inf>-x(Li<inf>0.5</inf>Bi<inf>0.5</inf>)TiO<inf>3</inf> PTCR solid solution. , 2014, , .		0
67	Ionic and electronic conductivities of yttria- and scandia-stabilized zirconia. Inorganic Materials, 2014, 50, 1235-1241.	0.8	4
68	Nanoparticles of spinel and perovskite ferromagnets and prospects for their application in medicine. AIP Conference Proceedings, 2014, , .	0.4	12
69	Synthesis and dielectric and nonlinear properties of BaTi1 â^' x Zr x O3 ceramics. Inorganic Materials, 2014, 50, 1125-1130.	0.8	2
70	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
71	Magnetic properties and high heating efficiency of ZnFe2O4 nanoparticles. Materials Chemistry and Physics, 2014, 146, 129-135.	4.0	35
72	Ionic and electronic conductivity of 3 mol% Fe2O3-substituted cubic yttria-stabilized ZrO2 (YSZ) and scandia-stabilized ZrO2 (ScSZ). Solid State Ionics, 2014, 262, 517-521.	2.7	29

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73	Li3xLa2/3â˜’xTiO3 nanoparticles with different morphologies and self-organization, obtained from simple solution precipitation methods. Materials Letters, 2014, 137, 182-187.	2.6	3
74	Left-handed properties of manganite-perovskites La 1-x Sr x MnO 3 at various dopant concentrations. AIP Advances, 2014, 4, .	1.3	6
75	Synthesis of thin-film electrodes based on LiPON and LiPON-LLTO-LiPON. Russian Journal of Electrochemistry, 2014, 50, 523-530.	0.9	16
76	Synthesis of nanosized (Li,La){Ti,Nb,Ta}O3 particles using the sol-gel method. Russian Journal of Inorganic Chemistry, 2013, 58, 637-643.	1.3	10
77	MÃ¶ssbauer and X-ray diffraction study of Co2+â€“Si4+ substituted M-type barium hexaferrite BaFe12â˜’2Ñ…Ð¡Ð¾Ñ…SiÑ…O19Â±Î³. Journal of Magnetism and Magnetic Materials, 2013, 330, 72-75.	2.3	43
78	Solid solutions based on iron-substituted cobaltites MnFe x Co2-x O4 in CO oxidation. Russian Journal of Applied Chemistry, 2013, 86, 1168-1173.	0.5	0
79	Synthesis and properties of AFe2O4 (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
80	Structural and magnetic properties of Ba0.7Sr0.3Fe12 â˜’ 2x Co x Ti x O19 M-type hexaferrites. Inorganic Materials, 2013, 49, 621-625.	0.8	7
81	Polyol Synthesis and Properties of AFe₂O₄ Nanoparticles (A = Mn, Fe, Co, Ni,) Tj ETQq1 1 0.784314 rgBT /Ov	0.3	7
82	Lithium Ion Conductors Based on System (Li,Na,La){Ti,Nb,Ð¢Ð°}O with Perovskite Structure. Solid State Phenomena, 2013, 200, 279-285.	0.3	3
83	Microwave Quality Factor of Cation-Deficient Perovskites Ba(M2+1/3Nb2/3)O3. Ferroelectrics, 2012, 435, 166-175.	0.6	2
84	Tetragonal Tungsten Bronzes in Ba(M²⁺_{1/3}Nb_{2/3})O₃Microwave Ceramics. Ferroelectrics, 2012, 435, 176-182.	0.6	3
85	Structural and magnetic properties of BaFe12 â˜’ 2x Co x Sn x O19 modified M-type hexaferrites. Inorganic Materials, 2012, 48, 1147-1152.	0.8	5
86	Synthesis and electrical properties of (BaTiO3)1 â˜’x (K0.5Bi0.5TiO3) x solid solutions. Inorganic Materials, 2012, 48, 1183-1189.	0.8	1
87	Ionic and electronic conductivity of 3mol% Fe2O3-substituted cubic Y-stabilized ZrO2. Solid State Ionics, 2012, 226, 53-58.	2.7	13
88	Synthesis and electrical characteristics of (1Ââ˜’Âx)BaTiO3â€“xK0.5Bi0.5TiO3 PTCR ceramics. Materials Chemistry and Physics, 2012, 136, 167-172.	4.0	4
89	Temperature curve of magnetization and left-handed properties of La0.775Sr0.225MnO3. Applied Physics Letters, 2012, 100, 171104.	3.3	6
90	Dielectric and Relaxor Properties of <scp><scp>Ba</scp></scp>₉<scp><scp>MNb</scp></scp>₁₄<scp><scp>O</scp></scp>₄₅ Ceramics. Journal of the American Ceramic Society, 2012, 95, 3202-3206.	3.8	54

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91	MÃ¶ssbauer and X-ray diffraction studies of cubic (ZrO2)0.90(Sc2O3)0.10 â^' x (Fe2O3) x solid solutions. Inorganic Materials, 2012, 48, 607-612.	0.8	3
92	Effect of A-site vacancies on the magnetoresistive Effect in La1 â^' x â^' y Ca x Na y MnO3 Â± Î´. Inorganic Materials, 2011, 47, 196-203.	0.8	0
93	Effect of isovalent substitution on the structure and ionic conductivity of Li0.5 â^' y Na y La0.5â–¡Nb2O6. Inorganic Materials, 2011, 47, 308-312.	0.8	2
94	Effect of nonstoichiometry on the structure and microwave dielectric properties of Ba1 â^' x (Zn1/2W1/2)O3 â^' x and Ba(Zn1/2 â^' y W1/2)O3 â^' y/2. Inorganic Materials, 2011, 47, 313-316.	0.8	7
95	Synthesis and electrical and magnetic properties of LaSr2Mn2 â^' y Ni y O7 â^' Î´ solid solutions. Inorganic Materials, 2011, 47, 431-434.	0.8	0
96	Fractal structure of precursors and phase transformations in the sol-gel synthesis of nanoparticulate M-type barium hexaferrite. Inorganic Materials, 2011, 47, 1258-1263.	0.8	2
97	Effect of Zn2TiO4 and ZnB2O4 additions on the microstructure and dielectric properties of AgNb1 â^' x Ta x O3 solid solutions. Inorganic Materials, 2011, 47, 1238-1241.	0.8	0
98	Preparation and electrical properties of (1 â^' x)(Ba,Y)TiO3 Â· xPbTiO3 materials containing low-melting B2O3-PbO-SiO2 glass additions. Inorganic Materials, 2011, 47, 1378-1383.	0.8	1
99	Multiphase microwave dielectrics. Materials Science-Poland, 2011, 29, 47-55.	1.0	0
100	A-site deficient perovskites Ba(M2+ 1/3Nb2/3)O3: microstructural attributes for a high quality factor. Materials Science-Poland, 2011, 29, 56-62.	1.0	6
101	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
102	Sol-gel synthesis and properties of tin-doped lanthanum manganites. Low Temperature Physics, 2011, 37, 107-111.	0.6	3
103	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
104	Magnetoelectric effect in composite structures based on ferroelectricâ€“ferromagnetic perovskites. Journal of the European Ceramic Society, 2010, 30, 259-263.	5.7	25
105	Spontaneous fractal ordering of zirconium oxide nanoparticles during synthesis from solution. Journal of the European Ceramic Society, 2010, 30, 141-145.	5.7	4
106	Effect of nonstoichiometry on the structure and microwave dielectric properties of Ba(Co1/3Nb2/3)O3. Inorganic Materials, 2010, 46, 529-533.	0.8	21
107	Application of positron annihilation and Raman spectroscopies to the study of perovskite type materials. Journal of Applied Physics, 2010, 108, 114109.	2.5	7
108	Negative permittivity and left-handed behavior of doped manganites in millimeter waveband. Applied Physics Letters, 2010, 97, .	3.3	21

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109	PbTiO₃ Nanoparticles Embedded in a Liquid Crystalline Elastomer Matrix: Structural and Ordering Properties. Journal of Physical Chemistry C, 2010, 114, 10782-10789.	3.1	33
110	Lithium-Ion conducting oxides: Synthesis, structure, and electroconducting properties. Russian Journal of General Chemistry, 2009, 79, 1987-1997.	0.8	7
111	Low-Loss Perovskite Niobates Ba(M_{1/3}^{2 +}Nb_{2/3})O₃: Composition, Structure, and Microwave Dielectric Properties. Ferroelectrics, 2009, 387, 36-45.	0.6	10
112	The Effect of Chemical Composition on the Structure and Dielectric Properties of the Columbites A[sup 2+]Nb[sup 2]O[sub 6]. Journal of the Electrochemical Society, 2009, 156, G206.	2.9	4
113	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
114	Left-handed behavior of strontium-doped lanthanum manganite in the millimeter waveband. Applied Physics Letters, 2009, 95, .	3.3	32
115	The Effect of Impurity Phases on the Structure and Properties of Microwave Dielectrics Based on Complex Perovskites Ba(Co1/32 +Nb2/3)O3. Ferroelectrics, 2009, 387, 189-196.	0.6	7
116	Structural Peculiarities and Electrophysical Properties of Lithium Ion Conducting Lanthanum Niobate Prepared by Solid-State Reaction and Precipitation from Solution. European Journal of Inorganic Chemistry, 2008, 2008, 4792-4796.	2.0	3
117	New ceramic EPR resonators with high dielectric permittivity. Journal of Magnetic Resonance, 2008, 195, 52-59.	2.1	19
118	BaTi1â^'x SnxO3 Solid Solutions: Solid-Phase and Sol-Gel Syntheses and Characterization. Russian Journal of Inorganic Chemistry, 2008, 53, 157-163.	1.3	4
119	Structural, electrical, and magnetic properties of La0.7Ca0.3 â^' x Na x MnO3 Â± Î³ solid solutions. Inorganic Materials, 2008, 44, 181-188.	0.8	16
120	Preparation and electrical properties of Pb(Mg1/3Nb2/3)O3-PbTiO3 solid solutions. Inorganic Materials, 2008, 44, 414-419.	0.8	3
121	Low-Loss Microwave Ceramics Based on Non-Stoichiometric Perovskites Ba(Co1/3Nb2/3)O3and Ba(Zn1/3Nb2/3)O3. Ferroelectrics, 2008, 367, 149-162.	0.6	17
122	MÃ¶ssbauer and X-ray Diffraction Studies of Cubic Solid Solutions of the ZrO₂â^'Y₂O₃â^'Fe₂O₃ System. Journal of Physical Chemistry C, 2008, 112, 3914-3919.	3.1	9
123	Low-Loss Microwave Dielectrics Based on the Columbites A²⁺Nb₂O₆and Perovskites : The Effect of Compositional Variation. Materials and Manufacturing Processes, 2008, 23, 583-586.	4.7	0
124	Effect of the A-Site Substitution on the Structure Peculiarities and Ionic Conductivity of Solid Electrolytes La2/3â^'xâ^'yLi3xâ^'ySr2yâ–¡4/3â^'2xNb2O6. Materials and Manufacturing Processes, 2008, 23, 607-610.	4.7	6
125	Vacancy-induced enhancement of magnetic interactions in (Ca, Na)-doped lanthanum manganites. Journal of Applied Physics, 2007, 102, 063902.	2.5	25
126	Effect of vacancies on the structural and relaxor properties of (Sr,Ba,Na)Nb2O6. Journal of Applied Physics, 2007, 102, 014111.	2.5	17

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127	Influence of the Chemical Composition on Structural Properties and Electrical Conductivity of Yâ^'Ceâ^'ZrO₂. Chemistry of Materials, 2007, 19, 5179-5184.	6.7	19
128	The effect of non-stoichiometry on the microstructure and microwave dielectric properties of the columbites A2+Nb2O6. Journal of the European Ceramic Society, 2007, 27, 2933-2936.	5.7	46
129	Microwave composite dielectrics based on magnesium titanates. Journal of the European Ceramic Society, 2007, 27, 2963-2966.	5.7	72
130	(La,Sr)(Mn,Me)O3 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
131	Characterization of columbite ceramics A_{1â€“x}Nb₂O₆ by positron annihilation spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 3835-3838.	0.8	1
132	Effect of zirconium and yttrium hydroxide precipitation conditions on the fractal structure of the resulting xerogels and 0.97ZrO2 Â· 0.03Y2O3 powders. Inorganic Materials, 2007, 43, 258-263.	0.8	10
133	Synthesis and microwave dielectric properties of Zn1+x Nb2O6+x. Inorganic Materials, 2007, 43, 277-280.	0.8	11
134	Synthesis and properties of columbite-structure Mg1 â^' x Nb2O6 â^' x. Inorganic Materials, 2007, 43, 412-417.	0.8	3
135	Effect of copper oxide on the polymorphism of unstabilized and yttria-stabilized zirconia. Inorganic Materials, 2007, 43, 627-632.	0.8	2
136	Substrate effect on the properties of La0.775Sr0.225MnO3 films. Inorganic Materials, 2007, 43, 1252-1257.	0.8	3
137	Effect of fluorine doping on the microstructure and electrical properties of barium-titanate-based ceramics. Inorganic Materials, 2007, 43, 1330-1335.	0.8	1
138	Effect of synthesis methods on the morphology of nanosized tin dioxide particles. Russian Journal of Inorganic Chemistry, 2007, 52, 1835-1839.	1.3	10
139	MÃ¶ssbauer 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
140	Crystallographic, electrical, and magnetic properties of the system La0.7Sr0.3Mn1â^'xFexO3. Low Temperature Physics, 2006, 32, 134-138.	0.6	21
141	High-Q Microwave Dielectric Materials Based on the Spinel Mg2TiO4. Journal of the American Ceramic Society, 2006, 89, 3441-3445.	3.8	189
142	Oxidation state of copper ions in (La0.7Sr0.3)(Mn1 â^' x Cux)O3 Â± Î´ ceramics and their magnetic properties. Inorganic Materials, 2006, 42, 286-293.	0.8	17
143	Synthesis and dielectric properties of Sr0.6 â^' x Ba0.4Na2x Nb2O6 solid solutions. Inorganic Materials, 2006, 42, 1110-1114.	0.8	2
144	Structural, electrical, and magnetic properties of La0.7Sr0.3Mn1â^'y CryO3. Inorganic Materials, 2006, 42, 1121-1125.	0.8	9

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145	Electrical properties of BaTi1â^'x M x O3 (M = Nb, Ta, Mo, W) ceramics. Inorganic Materials, 2006, 42, 1363-1368.	0.8	6
146	Effect of nonstoichiometry on the structure and microwave dielectric properties of cobalt metaniobate. Inorganic Materials, 2006, 42, 1369-1373.	0.8	17
147	Microwave dielectrics with enhanced permittivity. Journal of the European Ceramic Society, 2006, 26, 1821-1826.	5.7	5
148	The homogeneity range and the microwave dielectric properties of the BaZn2Ti4O11 ceramics. Journal of the European Ceramic Society, 2006, 26, 3733-3739.	5.7	40
149	Synthesis of nanosize particles of cobalt and nickel oxides from solutions. Russian Journal of Applied Chemistry, 2006, 79, 345-350.	0.5	8
150	Synthesis and characterization of La0.7Sr0.3Mn1â^'x TixO3 manganites. Physics of the Solid State, 2006, 48, 709-716.	0.6	16
151	Peculiarities of the Synthesis of Lithium Ion Conducting Lanthanum Tantalate by Solid-State Reaction and Precipitation from Solutions. European Journal of Inorganic Chemistry, 2006, 2006, 1552-1560.	2.0	3
152	Redox processes in highly yttrium-doped barium titanate. Journal of Solid State Chemistry, 2005, 178, 1367-1375.	2.9	9
153	Oxidation of reduced Y-Doped semiconducting barium titanate ceramics. Inorganic Materials, 2005, 41, 87-93.	0.8	1
154	Oxidation of reduced Y-doped semiconducting barium titanate ceramics. Inorganic Materials, 2005, 41, 87-93.	0.8	5
155	Effect of combined doping (y3 + + fe3 +) on structural features of nanodispersed zirconium oxide. Journal of Materials Science, 2005, 40, 5273-5280.	3.7	4
156	Effects of reduced dimensionality in the relaxation dynamics of ionic conductors. Europhysics Letters, 2005, 69, 770-776.	2.0	4
157	On the Local Structure and Lithium Dynamics of La0.5(Li,Na)0.5TiO3Ionic Conductors. A Raman Study. Chemistry of Materials, 2005, 17, 5862-5866.	6.7	26
158	Influence of Vacancy Ordering on the Percolative Behavior of (Li1-xNax)3yLa2/3-yTiO3Perovskites. Journal of Physical Chemistry B, 2005, 109, 3262-3268.	2.6	20
159	Formation and electrophysical properties of Y-containing positive temperature coefficient of resistance ceramics doped by calcium, strontium, and manganese. Materials Research Bulletin, 2004, 39, 297-308.	5.2	4
160	Structure and Properties of Nonstoichiometric La_{1 â€“ x}Na_xMnO_{3 Â± Â}Solid Solutions. Inorganic Materials, 2004, 40, 744-750.	0.8	18
161	Effect of Synthesis Conditions on the Lithium Nonstoichiometry and Properties of La2/3 â€“ xLi3xâ–¡4/3 â€“ 2xM2O6(M = Nb, Ta) Perovskite-like Solid Solutions. Inorganic Materials, 2004, 40, 867-873.	0.8	6
162	Synthesis and Microwave Dielectric Properties of MgOâ€“TiO₂â€“SiO₂Ceramics. Inorganic Materials, 2004, 40, 1116-1121.	0.8	14

#	Article	IF	Citations
163	MÃ¶ssbauer Study of Tetragonal ZrO₂â€“Y₂O₃â€“Fe₂O₃Solid Solutions. Inorganic Materials, 2004, 40, 1196-1203.	0.8	0
164	Structural and dielectric properties of solid solutions of sodium niobate in lanthanum and neodymium niobates. Inorganic Materials, 2004, 40, 1324-1330.	0.8	6
165	Solid electrolytes based on lithium-containing lanthanum metaniobates. Journal of the European Ceramic Society, 2004, 24, 1301-1304.	5.7	23
166	Peculiarities of Li0.5La0.5TiO3 Formation During the Synthesis by Solid-State Reaction or Precipitation from Solutions.. ChemInform, 2004, 35, no.	0.0	0
167	Peculiarities of Li0.5La0.5TiO3 Formation during the Synthesis by Solid-State Reaction or Precipitation from Solutions. Chemistry of Materials, 2004, 16, 407-417.	6.7	40
168	Title is missing!. Inorganic Materials, 2003, 39, 645-651.	0.8	11
169	Title is missing!. Inorganic Materials, 2003, 39, 133-138.	0.8	9
170	Effect of the Distribution of Manganese Ions on the Properties of Mn-Doped (Ba,Y)TiO3 PTCR Ceramics. Inorganic Materials, 2003, 39, 190-197.	0.8	7
171	Title is missing!. Inorganic Materials, 2003, 39, 161-170.	0.8	27
172	Temperature compensated microwave dielectrics based on lithium containing titanates. Journal of the European Ceramic Society, 2003, 23, 2525-2528.	5.7	18
173	Impurity and Intrinsic Defects in Barium Titanate Ceramics and Their Influence on PTCR Effect. Ferroelectrics, 2003, 288, 243-251.	0.6	8
174	Abnormal behavior of the dielectric parameters of Ba6â^'xLn8+2x/3Ti18O54 (Ln=Laâ€“Gd) solid solutions. Journal of Applied Physics, 2002, 92, 3917-3922.	2.5	26
175	Li mobility in (Li,Na)yLa0.66-y/3TiO3 perovskites (0.09<yâ‰‰0.5). A model system for the percolation theory.. Materials Research Society Symposia Proceedings, 2002, 756, 1.	0.1	1
176	Percolation-Limited Ionic Diffusion in Li0.5-xNaxLa0.5TiO3Perovskites (0 â‰‰xâ‰‰ 0.5). Chemistry of Materials, 2002, 14, 5148-5152.	6.7	63
177	Effect of preparation conditions on cation ordering and dielectric properties of Ba(Mg1/3Ta2/3)O3 ceramics. Journal of the European Ceramic Society, 2002, 22, 2013-2021.	5.7	33
178	Title is missing!. Russian Journal of Electrochemistry, 2002, 38, 425-430.	0.9	6
179	Title is missing!. Inorganic Materials, 2002, 38, 949-953.	0.8	3
180	ESR of Y and Pb-doped BaTiO3ceramics with positive temperature coefficient of resistivity. Ferroelectrics, 2001, 254, 383-391.	0.6	3

#	Article	IF	Citations
181	Unusual substitutional properties of Cu in bulk polycrystalline samples of La0.7Ca0.3Mn1â^'xCuxO3â^'Î´. Low Temperature Physics, 2001, 27, 366-371.	0.6	6
182	Lithium ion conductors based on the perovskite La23â€“xLi3xTiO3. Journal of the European Ceramic Society, 2001, 21, 1797-1800.	5.7	27
183	Physicochemical aspects of the development of MW dielectrics and their use. Journal of the European Ceramic Society, 2001, 21, 2717-2722.	5.7	12
184	The effect of partial isovalent substitution in the A-sublattice on MW properties of materials based on Ba6â€“xLn8+2x/3Ti18O54 solid solutions. Journal of the European Ceramic Society, 2001, 21, 2723-2730.	5.7	24
185	Phase Composition of Heat-Treatment Products in the ZrO(OH)2â€“Y(OH)3â€“FeOOH System. Inorganic Materials, 2001, 37, 248-253.	0.8	5
186	ESR study of BaTiO3ceramics doped by Y and Ca. Ferroelectrics, 2001, 254, 349-357.	0.6	2
187	Solid-state reaction mechanism for the formation of Ba6â^'xLn8+2 x/3Ti18O54 (Ln = Nd, Sm) solid solutions. Journal of Materials Research, 2001, 16, 2350-2356.	2.6	9
188	Impurities in barium titanate posistor ceramics. Ferroelectrics, 2000, 239, 339-348.	0.6	0
189	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
190	Influence of impurities on the properties of rare-earth-doped bariumâ€titanate ceramics. Journal of Materials Chemistry, 2000, 10, 941-947.	6.7	101
191	Impurity centers in a barium titanate ceramic doped with rare-earth ions. Physics of the Solid State, 1999, 41, 1688-1692.	0.6	7
192	Anomalous transport behavior of La0.825Sr0.175MnO3â^'Î´ polycrystalline samples below Curie temperature. Low Temperature Physics, 1999, 25, 74-75.	0.6	5
193	Properties of lithium ion-conducting ceramics based on rare-earth titanates. Ionics, 1998, 4, 360-363.	2.4	10
194	Physicochemical aspects of the development of new functional materials based on heterosubstituted titanates of rare-earth elements with the Perovskite structure. Theoretical and Experimental Chemistry, 1998, 34, 301-318.	0.8	4
195	Structural aspects and ionic conductivity in perovskite-like doped niobates and titanates. Ionics, 1997, 3, 117-121.	2.4	5
196	Experimental direct-contact crystallizer for mirabilite. Chemical and Petroleum Engineering (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	1
197	Concentration of sulfuric-acid solutions of sodium and zinc in a falling-film evaporator. Chemical and Petroleum Engineering (English Translation of Khimicheskoe I Neftyanoe Mashinostroenie), 1978, 14, 624-626.	0.3	0
198	New seignette-magnets with hexagonal barium titanate structure. Physica Status Solidi A, 1978, 48, 183-189.	1.7	12

#	Article	IF	Citations
199	New seignettomagnets with perovskite structure. Ferroelectrics, 1978, 21, 411-412.	0.6	1
200	New rhenium containing seignettomagnets and ferroelectrics. Physica Status Solidi A, 1977, 44, 247-257.	1.7	15
201	New seignettomagnets with the hexagonal barium titanate structure. Ferroelectrics, 1976, 13, 519-521.	0.6	3
202	Synthesis of Iron Oxide Nanoparticles by Different Methods and Study of their Properties. Solid State Phenomena, 0, 230, 108-113.	0.3	20
203	Quasistatic Magnetic Properties and Dynamic Hysteretic Losses in (La,Sr)MnO₃ Nanoparticles Fabricated by Different Technological Routes. Solid State Phenomena, 0, 230, 101-107.	0.3	0