Oleg I. V'yunov

List of Publications by Year
in descending order

101	1,080	430442	476904
papers	citations	18 h-index	29 g-index

103	103	103	981
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of impurities on the properties of rare-earth-doped bariumâ€titanate ceramics. Journal of Materials Chemistry, 2000, 10, 941-947.	6.7	101
2	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.	1.2	69
3	Percolation-Limited Ionic Diffusion in Li0.5-xNaxLa0.5TiO3Perovskites (0 â‰¤xâ‰¤ 0.5). Chemistry of Materials, 2002, 14, 5148-5152.	3.2	63
4	Synthesis and dielectric properties of barium tantalates and niobates with complex perovskite structure. Journal of Materials Research, 2002, 17, 3182-3189.	1.2	50
5	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.	1.0	43
6	Peculiarities of Li0.5La0.5TiO3 Formation during the Synthesis by Solid-State Reaction or Precipitation from Solutions. Chemistry of Materials, 2004, 16, 407-417.	3.2	40
7	PbTiO₃ Nanoparticles Embedded in a Liquid Crystalline Elastomer Matrix: Structural and Ordering Properties. Journal of Physical Chemistry C, 2010, 114, 10782-10789.	1.5	33
8	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.	1.3	29
9	Title is missing!. Inorganic Materials, 2003, 39, 161-170.	0.2	27
10	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.	3.2	26
11	Vacancy-induced enhancement of magnetic interactions in (Ca, Na)-doped lanthanum manganites. Journal of Applied Physics, 2007, 102, 063902.	1.1	25
12	Magnetoelectric effect in composite structures based on ferroelectricâ€“ferromagnetic perovskites. Journal of the European Ceramic Society, 2010, 30, 259-263.	2.8	25
13	Dielectric properties of CaCu3Ti4O12 ceramics doped with aluminium and fluorine. Journal of Alloys and Compounds, 2021, 874, 159861.	2.8	25
14	Solid electrolytes based on lithium-containing lanthanum metaniobates. Journal of the European Ceramic Society, 2004, 24, 1301-1304.	2.8	23
15	Crystallographic, electrical, and magnetic properties of the system La0.7Sr0.3Mn1â^'xFexO3. Low Temperature Physics, 2006, 32, 134-138.	0.2	21
16	Solid electrolytes based on lithium-containing lanthanum metaniobates and metatantalates with defect-perovskite structure. Ionics, 2003, 9, 21-27.	1.2	20
17	Influence of Vacancy Ordering on the Percolative Behavior of (Li1-xNax)3yLa2/3-yTiO3Perovskites. Journal of Physical Chemistry B, 2005, 109, 3262-3268.	1.2	20
18	(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.	2.8	19

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19	Structure and Properties of Nonstoichiometric La1 â€“ xNaxMnO3 Â± ÂSolid Solutions. Inorganic Materials, 2004, 40, 744-750.	0.2	18
20	Electron spin resonance investigation of impurity and intrinsic defects in Nb-doped BaTiO3 single crystal and ceramics. Journal of Applied Physics, 2005, 97, 073707.	1.1	17
21	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.	0.2	17
22	Effect of vacancies on the structural and relaxor properties of (Sr,Ba,Na)Nb2O6. Journal of Applied Physics, 2007, 102, 014111.	1.1	17
23	Synthesis and characterization of La0.7Sr0.3Mn1â^'x TixO3 manganites. Physics of the Solid State, 2006, 48, 709-716.	0.2	16
24	Structural, electrical, and magnetic properties of La0.7Ca0.3 â^' x Na x MnO3 Â± Î³ solid solutions. Inorganic Materials, 2008, 44, 181-188.	0.2	16
25	Effect of nanoparticles agglomeration on electrical properties of La1â^'xAxMnO3 (AÂ=ÂSr, Ba) nanopowder and ceramic solid solutions. Solid State Sciences, 2012, 14, 501-505.	1.5	16
26	Synthesis of thin-film electrodes based on LiPON and LiPON-LLTO-LiPON. Russian Journal of Electrochemistry, 2014, 50, 523-530.	0.3	16
27	Synthesis and Microwave Dielectric Properties of MgOâ€“TiO2â€“SiO2Ceramics. Inorganic Materials, 2004, 40, 1116-1121.	0.2	14
28	Title is missing!. Inorganic Materials, 2003, 39, 645-651.	0.2	11
29	Effect of non-stoichiometry of initial reagents on morphological and structural properties of perovskites CH3NH3PbI3. Nanoscale Research Letters, 2019, 14, 4.	3.1	10
30	Title is missing!. Inorganic Materials, 2003, 39, 133-138.	0.2	9
31	Redox processes in highly yttrium-doped barium titanate. Journal of Solid State Chemistry, 2005, 178, 1367-1375.	1.4	9
32	Structural, electrical, and magnetic properties of La0.7Sr0.3Mn1â^'y CryO3. Inorganic Materials, 2006, 42, 1121-1125.	0.2	9
33	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.	1.5	9
34	Effect of impurities on the electrical properties of the defect perovskite Li0.33La0.57TiO3. Inorganic Materials, 2017, 53, 326-332.	0.2	9
35	Thermodynamic and Experimental Investigation of the Effect of Rare-Earth Ions (Ln³⁺) Nature on the Posistor Properties of (Ba_{1-X}Ln_X³⁺) TiO₃. Key Engineering Materials, 1997, 132-136, 1313-1316.	0.4	8
36	Impurity and Intrinsic Defects in Barium Titanate Ceramics and Their Influence on PTCR Effect. Ferroelectrics, 2003, 288, 243-251.	0.3	8

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37	Effect of the Distribution of Manganese Ions on the Properties of Mn-Doped (Ba,Y)TiO3 PTCR Ceramics. Inorganic Materials, 2003, 39, 190-197.	0.2	7
38	Semi-oxalate synthesis of (1â^'x)BaTiO3â^'xM0.5Bi0.5TiO3 (M = Li, Na, K) PTCR materials. Journal of Advanced Ceramics, 2016, 5, 117-125.	8.9	7
39	Impedance Analysis of Thin Films of Organic-Inorganic Perovskites CH3NH3PbI3 with Control of Microstructure. Nanoscale Research Letters, 2018, 13, 98.	3.1	7
40	THE EFFECT OF ISOVALENT SUBSTITUTIONS AND DOPANTS OF 3D-METALS ON THE PROPERTIES OF FERROELECTRICS- SEMICONDUCTORS. Condensed Matter Physics, 2003, 6, 213.	0.3	7
41	Semiconducting barium titanate doped with oxygen-free compounds. Journal of the European Ceramic Society, 1999, 19, 965-968.	2.8	6
42	(Ba, Y)(Ti, Zr, Sn)O3-based PTCR materials. Ferroelectrics, 2001, 254, 91-99.	0.3	6
43	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.	0.2	6
44	Structural and dielectric properties of solid solutions of sodium niobate in lanthanum and neodymium niobates. Inorganic Materials, 2004, 40, 1324-1330.	0.2	6
45	Electrical properties of BaTi1â^'x M x O3 (M = Nb, Ta, Mo, W) ceramics. Inorganic Materials, 2006, 42, 1363-1368.	0.2	6
46	Effect of synthesis conditions on the fractal structure of yttrium-stabilized zirconium dioxide. Journal of Non-Crystalline Solids, 2009, 355, 2557-2561.	1.5	6
47	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.	0.3	6
48	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.	0.3	6
49	Oxidation of reduced Y-doped semiconducting barium titanate ceramics. Inorganic Materials, 2005, 41, 87-93.	0.2	5
50	Redox processes at grain boundaries in barium titanate-based polycrystalline ferroelectrics semiconductors. Journal of Materials Science, 2008, 43, 3320-3326.	1.7	5
51	Determination of the Stability Constants of Gold(I) Thiosulfate Complexes by Differential UV Spectroscopy. Journal of Solution Chemistry, 2015, 44, 1749-1755.	0.6	5
52	Peculiarities of ionic conduction in Li0.5â^'yNayLa0.5Nb2O6 system at high temperatures. Solid State Ionics, 2017, 300, 86-90.	1.3	5
53	Preparation and Properties of Films of Organic-Inorganic Perovskites MAPbX3 (MA = CH3NH3; X = Cl,) Tj ETQq1 1 0.784314 rgBT /Ov	0.2	5
54	Synthesis and dielectric properties in the lithium-ion conducting material La0.5Li0.5â^'xNaxTiO3. Journal of Alloys and Compounds, 2021, 889, 161556.	2.8	5

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55	Phase transformation in the synthesis of Ba(Ti1-xMx)O3-based PTCR ceramic. Journal of the European Ceramic Society, 1999, 19, 935-938.	2.8	4
56	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.	2.7	4
57	Effect of combined doping (y3 + + fe3 +) on structural features of nanodispersed zirconium oxide. Journal of Materials Science, 2005, 40, 5273-5280.	1.7	4
58	BaTi1â^'x SnxO3 Solid Solutions: Solid-Phase and Sol-Gel Syntheses and Characterization. Russian Journal of Inorganic Chemistry, 2008, 53, 157-163.	0.3	4
59	Synthesis and electrical characteristics of (1Ââ^'Âx)BaTiO3â€“xK0.5Bi0.5TiO3 PTCR ceramics. Materials Chemistry and Physics, 2012, 136, 167-172.	2.0	4
60	Ionic and electronic conductivities of yttria- and scandia-stabilized zirconia. Inorganic Materials, 2014, 50, 1235-1241.	0.2	4
61	ESR of Y and Pb-doped BaTiO3ceramics with positive temperature coefficient of resistivity. Ferroelectrics, 2001, 254, 383-391.	0.3	3
62	Substrate effect on the properties of La0.775Sr0.225MnO3 films. Inorganic Materials, 2007, 43, 1252-1257.	0.2	3
63	Preparation and electrical properties of Pb(Mg1/3Nb2/3)O3-PbTiO3 solid solutions. Inorganic Materials, 2008, 44, 414-419.	0.2	3
64	Sol-gel synthesis and properties of tin-doped lanthanum manganites. Low Temperature Physics, 2011, 37, 107-111.	0.2	3
65	Lithium Ion Conductors Based on System (Li,Na,La){Ti,Nb,Đ¢Đ°}O with Perovskite Structure. Solid State Phenomena, 2013, 200, 279-285.	0.3	3
66	Some aspects of charge transport in Li0.5-xNaxLa0.5TiO3 (x = 0, 0.25) ceramics. Functional Materials Letters, 2015, 08, 1550076.	0.7	3
67	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.	0.1	3
68	PTCR effect of solid solutions based on the (1-x)BaTiO3â€“xNa0.5Bi0.5TiO3 system. Chemistry of Metals and Alloys, 2010, 3, 120-125.	0.2	3
69	SYNTHESIS AND INVESTIGATION OF BARIUM TITANATE STANNATE SOLID SOLUTION. Ukrainian Chemical Journal, 2019, 85, 75-83.	0.3	3
70	SYNTHESIS, PROPERTIES CaCu3Ti4O12 WITH COLOSSAL VALUE OF THE DIELECTRIC PERMITTIVITY. Ukrainian Chemical Journal, 2019, 85, 77-86.	0.3	3
71	ESR study of BaTiO3ceramics doped by Y and Ca. Ferroelectrics, 2001, 254, 349-357.	0.3	2
72	Synthesis and dielectric properties of Sr0.6 â^' x Ba0.4Na2x Nb2O6 solid solutions. Inorganic Materials, 2006, 42, 1110-1114.	0.2	2

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73	Effect of copper oxide on the polymorphism of unstabilized and yttria-stabilized zirconia. Inorganic Materials, 2007, 43, 627-632.	0.2	2
74	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.	0.2	2
75	Complex Impedance Analyses of Ba₁₋_xLi_{0.5}_xBi_{0.5}_x<sub>TiO₃ Solid Solution PTCR Ceramics. Solid State Phenomena, 2015, 230, 211-216.	0.3	2
76	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.	1.7	2
77	Synthesis and Investigation of the Properties of Organic-Inorganic Perovskite Films with Non-Contact Methods. Ukrainian Journal of Physics, 2021, 66, 429.	0.1	2
78	Effect of Iron Oxide on Structure of Y-Stabilized Zirconia Ceramic. , 2005, , 279-285.		2
79	Synthesis, structure and properties of lithium-ion conducting lanthanum niobates with defect perovskite structure. Chemistry of Metals and Alloys, 2010, 3, 90-95.	0.2	2
80	ORGANIC-INORGANIC PEROVSKITE CH3NH3PbI3: MORPHOLOGICAL, STRUCTURAL AND PHOTOELECTROPHYSICAL PROPERTIES. Ukrainian Chemical Journal, 2019, 85, 31-41.	0.3	2
81	SYNTHESIS AND DIELECTRIC PROPERTIES OF La0.67LixTi1-xAlxO3 (0.15â‰¤xâ‰¤0.3) CERAMICS. Ukrainian Chemistry Journal, 2020, 86, 13-23.	0.1	2
82	Effect of fluorine doping on the microstructure and electrical properties of barium-titanate-based ceramics. Inorganic Materials, 2007, 43, 1330-1335.	0.2	1
83	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.	0.2	1
84	Synthesis and electrical properties of (BaTiO3)1 â˜'x (K0.5Bi0.5TiO3) x solid solutions. Inorganic Materials, 2012, 48, 1183-1189.	0.2	1
85	Effect of Reoxidation Temperature on Electrophysical Properties of High-T_C Barium Titanate-Based PTCR Ceramics. Solid State Phenomena, 2013, 200, 311-315.	0.3	1
86	Contribution of nanointerfaces to colossal permittivity of doped Ba(Ti,Sn)O3 ceramics. Applied Nanoscience (Switzerland), 2019, 9, 767-773.	1.6	1
87	THE SYNTHESIS IMPACT ON DIELECTRIC PROPERTIES OF La0.5Li0.5-xNaxTiO3. Ukrainian Chemistry Journal, 2021, 87, 15-24.	0.1	1
88	CARBONATE PRECURSOR ROUTE FOR PREPARATION OF CaCu3Ti4O12. Ukrainian Chemistry Journal, 2021, 87, 47-60.	0.1	1
89	PHASE FORMATION PROCESSES OF ORGANIC-INORGANIC CH3NH3PbI3 PEROVSKITES USING A DMF SOLVENT. Ukrainian Chemistry Journal, 2021, 87, 63-81.	0.1	1
90	MÃ¶ssbauer Study of Tetragonal ZrO2â€“Y2O3â€“Fe2O3Solid Solutions. Inorganic Materials, 2004, 40, 1196-1203.	0.2	0

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91	Peculiarities of Li0.5La0.5TiO3 Formation During the Synthesis by Solid-State Reaction or Precipitation from Solutions.. ChemInform, 2004, 35, no.	0.1	0
92	Lead-free high-temperature barium titanate-based PTCR ceramics and its electrical properties. , 2012, , .		0
93	The structure and ionic conductivity of Li<inf>0.5â^'y</inf>Na<inf>y</inf>La<inf>0.5</inf>{Nb,Ta}<inf>2</inf>O<inf>6</inf> system. , 2012, , .		0
94	(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
95	Complex impedance analyses of PTCR ceramics based on barium-lithium-bismuth titanate. , 2014, , .		0
96	Effect of deposition conditions on microstructure of LiPON films obtained by rf magnetron sputtering. , 2014, , .		0
97	Formula for determining the surface temperature of the fullerite consisting of a C60-C70 mixture from a mass spectrum. Technical Physics, 2015, 60, 427-431.	0.2	0
98	Mass spectrometry determination of the properties of the fullerite consisting of a C60-C70 mixture. Technical Physics, 2015, 60, 451-455.	0.2	0
99	SYNTHESIS OF Li-CONDUCTIVE NANOPARTICLES WITH NASICON-TYPE STRUCTURE. Ukrainian Chemical Journal, 2019, 85, 28-40.	0.3	0
100	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.	0.9	0
101	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.	0.1	0