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	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
2	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
3	Preparation and Properties of Films of Organic-Inorganic Perovskites MAPbX3 (MA = CH3NH3; X = Cl,) Tj ETQq1 1 0.784314 rgBT /Ov	0.2	3
4	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
5	THE SYNTHESIS IMPACT ON DIELECTRIC PROPERTIES OF La0.5Li0.5-xNaxTiO3. Ukrainian Chemistry Journal, 2021, 87, 15-24.	0.1	1
6	CARBONATE PRECURSOR ROUTE FOR PREPARATION OF CaCu3Ti4O12. Ukrainian Chemistry Journal, 2021, 87, 47-60.	0.1	1
7	Dielectric properties of CaCu3Ti4O12 ceramics doped with aluminium and fluorine. Journal of Alloys and Compounds, 2021, 874, 159861.	2.8	25
8	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
9	PHASE FORMATION PROCESSES OF ORGANIC-INORGANIC CH3NH3PbI3 PEROVSKITES USING A DMF SOLVENT. Ukrainian Chemistry Journal, 2021, 87, 63-81.	0.1	1
10	SYNTHESIS AND DIELECTRIC PROPERTIES OF La0.67LixTi1-xAlxO3 (0.15â‰¤xâ‰¤0.3) CERAMICS. Ukrainian Chemistry Journal, 2020, 86, 13-23.	0.1	2
11	Effect of non-stoichiometry of initial reagents on morphological and structural properties of perovskites CH3NH3PbI3. Nanoscale Research Letters, 2019, 14, 4.	3.1	10
12	Contribution of nanointerfaces to colossal permittivity of doped Ba(Ti,Sn)O3 ceramics. Applied Nanoscience (Switzerland), 2019, 9, 767-773.	1.6	1
13	SYNTHESIS AND INVESTIGATION OF BARIUM TITANATE STANNATE SOLID SOLUTION. Ukrainian Chemical Journal, 2019, 85, 75-83.	0.3	3
14	SYNTHESIS, PROPERTIES CaCu3Ti4O12 WITH COLOSSAL VALUE OF THE DIELECTRIC PERMITTIVITY. Ukrainian Chemical Journal, 2019, 85, 77-86.	0.3	3
15	ORGANIC-INORGANIC PEROVSKITE CH3NH3PbI3: MORPHOLOGICAL, STRUCTURAL AND PHOTOELECTROPHYSICAL PROPERTIES. Ukrainian Chemical Journal, 2019, 85, 31-41.	0.3	2
16	SYNTHESIS OF Li-CONDUCTIVE NANOPARTICLES WITH NASICON-TYPE STRUCTURE. Ukrainian Chemical Journal, 2019, 85, 28-40.	0.3	0
17	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
18	Impedance Analysis of Thin Films of Organic-Inorganic Perovskites CH3NH3PbI3 with Control of Microstructure. Nanoscale Research Letters, 2018, 13, 98.	3.1	7

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19	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
20	Effect of impurities on the electrical properties of the defect perovskite Li0.33La0.57TiO3. Inorganic Materials, 2017, 53, 326-332.	0.2	9
21	Peculiarities of ionic conduction in Li0.5â^'yNayLa0.5Nb2O6 system at high temperatures. Solid State Ionics, 2017, 300, 86-90.	1.3	5
22	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
23	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
24	Complex Impedance Analyses of Ba₁₋_xLi_{0.5}_xBi_{0.5}_x₃ Solid Solution PTCR Ceramics. Solid State Phenomena, 2015, 230, 211-216.	0.3	2
25	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
26	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
27	Mass spectrometry determination of the properties of the fullerite consisting of a C60-C70 mixture. Technical Physics, 2015, 60, 451-455.	0.2	0
28	Some aspects of charge transport in Li0.5-xNaxLa0.5TiO3 (x = 0, 0.25) ceramics. Functional Materials Letters, 2015, 08, 1550076.	0.7	3
29	(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
30	Ionic and electronic conductivities of yttria- and scandia-stabilized zirconia. Inorganic Materials, 2014, 50, 1235-1241.	0.2	4
31	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
32	Complex impedance analyses of PTCR ceramics based on barium-lithium-bismuth titanate. , 2014, , .		0
33	Synthesis of thin-film electrodes based on LiPON and LiPON-LLTO-LiPON. Russian Journal of Electrochemistry, 2014, 50, 523-530.	0.3	16
34	Effect of deposition conditions on microstructure of LiPON films obtained by rf magnetron sputtering. , 2014, , .		0
35	MÃ¶ssbauer and X-ray diffraction study of Co2+â€“Si4+ substituted M-type barium hexaferrite BaFe12â^'2Ñ…Ð¡Ð¾Ñ…SiÑ…O19Â±Î´. Journal of Magnetism and Magnetic Materials, 2013, 330, 72-75.	1.0	43
36	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

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37	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
38	Lead-free high-temperature barium titanate-based PTCR ceramics and its electrical properties. , 2012, , .		0
39	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
40	Synthesis and electrical properties of (BaTiO3)1 â^'x (K0.5Bi0.5TiO3) x solid solutions. Inorganic Materials, 2012, 48, 1183-1189.	0.2	1
41	Synthesis and electrical characteristics of (1Ââ^'Âx)BaTiO3â€"xK0.5Bi0.5TiO3 PTCR ceramics. Materials Chemistry and Physics, 2012, 136, 167-172.	2.0	4
42	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
43	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
44	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
45	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
46	Sol-gel synthesis and properties of tin-doped lanthanum manganites. Low Temperature Physics, 2011, 37, 107-111.	0.2	3
47	Magnetoelectric effect in composite structures based on ferroelectricâ€"ferromagnetic perovskites. Journal of the European Ceramic Society, 2010, 30, 259-263.	2.8	25
48	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
49	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
50	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
51	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
52	Redox processes at grain boundaries in barium titanate-based polycrystalline ferroelectrics semiconductors. Journal of Materials Science, 2008, 43, 3320-3326.	1.7	5
53	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
54	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

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55	Preparation and electrical properties of Pb(Mg1/3Nb2/3)O3-PbTiO3 solid solutions. Inorganic Materials, 2008, 44, 414-419.	0.2	3
56	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
57	Vacancy-induced enhancement of magnetic interactions in (Ca, Na)-doped lanthanum manganites. Journal of Applied Physics, 2007, 102, 063902.	1.1	25
58	Effect of vacancies on the structural and relaxor properties of (Sr,Ba,Na)Nb2O6. Journal of Applied Physics, 2007, 102, 014111.	1.1	17
59	(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
60	Effect of copper oxide on the polymorphism of unstabilized and yttria-stabilized zirconia. Inorganic Materials, 2007, 43, 627-632.	0.2	2
61	Substrate effect on the properties of La0.775Sr0.225MnO3 films. Inorganic Materials, 2007, 43, 1252-1257.	0.2	3
62	Effect of fluorine doping on the microstructure and electrical properties of barium-titanate-based ceramics. Inorganic Materials, 2007, 43, 1330-1335.	0.2	1
63	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
64	Crystallographic, electrical, and magnetic properties of the system La0.7Sr0.3Mn1â^'xFexO3. Low Temperature Physics, 2006, 32, 134-138.	0.2	21
65	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
66	Synthesis and dielectric properties of Sr0.6 â^' x Ba0.4Na2x Nb2O6 solid solutions. Inorganic Materials, 2006, 42, 1110-1114.	0.2	2
67	Structural, electrical, and magnetic properties of La0.7Sr0.3Mn1â^'y CryO3. Inorganic Materials, 2006, 42, 1121-1125.	0.2	9
68	Electrical properties of BaTi1â^'x M x O3 (M = Nb, Ta, Mo, W) ceramics. Inorganic Materials, 2006, 42, 1363-1368.	0.2	6
69	Synthesis and characterization of La0.7Sr0.3Mn1â^'x TixO3 manganites. Physics of the Solid State, 2006, 48, 709-716.	0.2	16
70	Redox processes in highly yttrium-doped barium titanate. Journal of Solid State Chemistry, 2005, 178, 1367-1375.	1.4	9
71	Oxidation of reduced Y-doped semiconducting barium titanate ceramics. Inorganic Materials, 2005, 41, 87-93.	0.2	5
72	Effect of combined doping (y3 + + fe3 +) on structural features of nanodispersed zirconium oxide. Journal of Materials Science, 2005, 40, 5273-5280.	1.7	4

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73	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
74	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
75	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
76	Effect of Iron Oxide on Structure of Y-Stabilized Zirconia Ceramic. , 2005, , 279-285.		2
77	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
78	Structure and Properties of Nonstoichiometric La1 â€“ xNaxMnO3 Â± ÂSolid Solutions. Inorganic Materials, 2004, 40, 744-750.	0.2	18
79	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
80	Synthesis and Microwave Dielectric Properties of MgOâ€“TiO2â€“SiO2Ceramics. Inorganic Materials, 2004, 40, 1116-1121.	0.2	14
81	MÃ¶ssbauer Study of Tetragonal ZrO2â€“Y2O3â€“Fe2O3Solid Solutions. Inorganic Materials, 2004, 40, 1196-1203.	0.2	0
82	Structural and dielectric properties of solid solutions of sodium niobate in lanthanum and neodymium niobates. Inorganic Materials, 2004, 40, 1324-1330.	0.2	6
83	Solid electrolytes based on lithium-containing lanthanum metaniobates. Journal of the European Ceramic Society, 2004, 24, 1301-1304.	2.8	23
84	Peculiarities of Li0.5La0.5TiO3 Formation During the Synthesis by Solid-State Reaction or Precipitation from Solutions.. ChemInform, 2004, 35, no.	0.1	0
85	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
86	Title is missing!. Inorganic Materials, 2003, 39, 645-651.	0.2	11
87	Title is missing!. Inorganic Materials, 2003, 39, 133-138.	0.2	9
88	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
89	Title is missing!. Inorganic Materials, 2003, 39, 161-170.	0.2	27
90	Solid electrolytes based on lithium-containing lanthanum metaniobates and metatantalates with defect-perovskite structure. Ionics, 2003, 9, 21-27.	1.2	20

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91	Impurity and Intrinsic Defects in Barium Titanate Ceramics and Their Influence on PTCR Effect. Ferroelectrics, 2003, 288, 243-251.	0.3	8
92	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
93	Synthesis and dielectric properties of barium tantalates and niobates with complex perovskite structure. Journal of Materials Research, 2002, 17, 3182-3189.	1.2	50
94	Percolation-Limited Ionic Diffusion in Li0.5-xNaxLa0.5TiO3Perovskites (0 â‰¤xâ‰¤ 0.5). Chemistry of Materials, 2002, 14, 5148-5152.	3.2	63
95	ESR of Y and Pb-doped BaTiO3ceramics with positive temperature coefficient of resistivity. Ferroelectrics, 2001, 254, 383-391.	0.3	3
96	(Ba, Y)(Ti, Zr, Sn)O3-based PTCR materials. Ferroelectrics, 2001, 254, 91-99.	0.3	6
97	ESR study of BaTiO3ceramics doped by Y and Ca. Ferroelectrics, 2001, 254, 349-357.	0.3	2
98	Influence of impurities on the properties of rare-earth-doped bariumâ€titanate ceramics. Journal of Materials Chemistry, 2000, 10, 941-947.	6.7	101
99	Semiconducting barium titanate doped with oxygen-free compounds. Journal of the European Ceramic Society, 1999, 19, 965-968.	2.8	6
100	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
101	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