Bush Alexandr

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9091807/publications.pdf

Version: 2024-02-01

180 papers	2,708 citations	257450 24 h-index	223800 46 g-index
180 all docs	180 docs citations	180 times ranked	2582 citing authors

#	Article	IF	Citations
1	Composition-induced transition of spin-modulated structure into a uniform antiferromagnetic state in a Bi1âˆ’x LaxFeO3 system studied using 57Fe NMR. Physics of the Solid State, 2003, 45, 141-145.	0.6	198
2	Competition between Helimagnetism and Commensurate Quantum Spin Correlations inLiCu2O2. Physical Review Letters, 2004, 92, 177201.	7.8	185
3	NMR and local-density-approximation evidence for spiral magnetic order in the chain cuprateLiCu2O2. Physical Review B, 2004, 70, .	3.2	132
4	Two-phonon coupling to the antiferromagnetic phase transition in multiferroic BiFeO3. Applied Physics Letters, 2008, 92, .	3.3	116
5	Spin waves and magnetic interactions inLiCu2O2. Physical Review B, 2005, 72, .	3.2	113
6	57 Fe NMR study of spin-modulated magnetic structure in BiFeO 3. Europhysics Letters, 2000, 50, 547-551.	2.0	96
7	57Fe NMR study of a spatially modulated magnetic structure in BiFeO3. JETP Letters, 2000, 71, 465-468.	1.4	94
8	Infrared spectroscopic study of CuO: Signatures of strong spin-phonon interaction and structural distortion. Physical Review B, 2001, 63, .	3.2	93
9	Ferrite-Piezoelectric Multilayers for Magnetic Field Sensors. IEEE Sensors Journal, 2006, 6, 935-938.	4.7	87
10	Structural and magnetoelectric properties of MFe 2 O 4 ?PZT (M?=?Ni,Co) and La x (Ca,Sr) 1-x MnO 3 ?PZT multilayer composites. Applied Physics A: Materials Science and Processing, 2004, 78, 721-728.	2.3	77
11	Comment on â€œCompetition between Helimagnetism and Commensurate Quantum Spin Correlations inLiCu2O2â€• Physical Review Letters, 2005, 94, 039705; author reply 039706.	7.8	63
12	Helical ground state and weak ferromagnetism in the edge-shared chain cuprate NaCu 2 O 2. Europhysics Letters, 2006, 73, 83-89.	2.0	61
13	Lattice anharmonicity and polar soft mode in ferrimagnetic M-type hexaferrite BaFe12O19 single crystal. European Physical Journal B, 2014, 87, 1.	1.5	50
14	Optical properties of BiFeO3 ceramics in the frequency range 0.3â€“30.0 THz. Physics of the Solid State, 2010, 52, 734-743.	0.6	44
15	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>T</mml:mi></mml:math>phase diagram of CoCr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math	3.2	37
16	Valence state of manganese and iron ions in La1âˆ’A MnO3 (AÂ=ÂCa, Sr) and Bi1âˆ’Sr FeO systems from Mn2p, Mn3s, Fe2p and Fe3s X-ray photoelectron spectra. Effect of delocalization on Fe3s spectra splitting. Journal of Alloys and Compounds, 2015, 647, 947-955.	5.5	36
17	Dual reactivity of N-heterocyclic carbenes towards copper(ii) salts. Dalton Transactions, 2011, 40, 3074.	3.3	35
18	Bi1-Ca FeO3- (0 â‰¤ x â‰¤ 1) ceramics: Crystal structure, phase and elemental composition, and chemical bonding from X-ray diffraction, Raman scattering, MÃ¶ssbauer, and X-ray photoelectron spectra. Journal of Alloys and Compounds, 2016, 664, 392-405.	5.5	30

#	Article	IF	Citations
19	Crystal structure and characterization of l-arginine dichloride monohydrate and l-arginine dibromide monohydrate. Materials Chemistry and Physics, 2004, 84, 79-86.	4.0	29
20	Magnetic phase diagram of the frustrated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn> magnet LiCu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Ma	3.2	28
21	Magnetic and dielectric response of cobalt-chromium spinel CoCr2O4 in the terahertz frequency range. Physics of the Solid State, 2012, 54, 350-359.	0.6	28
22	Preparation and Dielectric Properties of Bi1.5MNb1.5O7 (M = Cu, Mg, Mn, Ni, Zn) Pyrochlore Oxides. Inorganic Materials, 2003, 39, 974-977.	0.8	27
23	Observation of an intercalature exchange magnon in CoCr <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>and analysis of magnetic ordering. Physical Review B, 2013, 87, .	3.2	27
24	Low-frequency magnetoelectric effect in a Galfenol-PZT planar composite structure. Technical Physics, 2009, 54, 1314-1320.	0.7	26
25	Crystals of the Bi2GeO5â€“Bi4V2O11System. Japanese Journal of Applied Physics, 1985, 24, 625.	1.5	24
26	Magnetic structure of the quasi-one-dimensional frustrated antiferromagnet LiCu2O2 with Spin S = 1/2. Journal of Experimental and Theoretical Physics, 2009, 108, 1000-1009.	0.9	24
27	Possible Piezoelectric Materials CsMZr_{0.5}(MoO₄)₃ (M = Al, Sc, V, Cr, Fe, Ga, In) and CsCrTi_{0.5}(MoO₄)₃: Structure and Physical Properties. Journal of Physical Chemistry C, 2014, 118, 1763-1773.	3.1	24
28	Pyroelectric effects in magnetoelectric multilayer composites. Solid State Communications, 2004, 132, 319-324.	1.9	23
29	Lead zirconate titanate-nickel zink ferrite thick-film composites: obtaining by the screen printing technique and magnetoelectric properties. Technical Physics, 2010, 55, 387-394.	0.7	23
30	Polar Order and Frustrated Antiferromagnetism in Perovskite Pb₂MnWO₆ Single Crystals. Inorganic Chemistry, 2016, 55, 2791-2805.	4.0	23
31	Synthesis and reactivity of 5-Br(I)-indolizines and their parallel cross-coupling reactions. Tetrahedron, 2008, 64, 749-756.	1.9	22
32	An Improved Synthesis of Some 5-Substituted Indolizines Using Regiospecific Lithiation. Molecules, 2005, 10, 1074-1083.	3.8	21
33	Magnetic structure of low-dimensional LiCu2O2 multiferroic according to 63,65Cu and 7Li NMR studies. Journal of Experimental and Theoretical Physics, 2012, 115, 666-672.	0.9	21
34	Crystal structure and characterization of l-arginine chlorate and l-arginine bromate. Journal of Molecular Structure, 2005, 752, 144-152.	3.6	20
35	Valence state of transition metal ions in Co1â^’Fe Cr2O4 (x= 0.1, 0.2, 0.5) ceramics from X-ray photoelectron and MÃ¶ssbauer spectroscopy data. Journal of Alloys and Compounds, 2015, 636, 241-248.	5.5	19
36	Heat capacity of the Pb5(Ge1â^’x Six)3O11 ferroelectric system. Physics of the Solid State, 2004, 46, 902-907.	0.6	18

#	Article	IF	Citations
37	Crystal Growth, Thermal Stability, and Electrical Properties of LiCu₂O₂. Inorganic Materials, 2004, 40, 44-49.	0.8	18
38	Superconductivity in porous MgB2. Solid State Communications, 2006, 138, 461-465.	1.9	18
39	Magnetic and microwave properties of (Ni,Co)Fe2O4-ferroelectric and (La,Ca,Sr)MnO3-ferroelectric multilayer structures. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 45-47.	2.3	17
40	The crystal structure of a new 84 K superconductor, Bi4Sr4CaCu3O14+x. Physica C: Superconductivity and Its Applications, 1993, 215, 371-374.	1.2	16
41	Anomalies of Physical Properties in?-Bi2O3 ? a Phase Transition Governed by the Electronic Mechanism?. Journal of Low Temperature Physics, 1996, 105, 1541-1546.	1.4	15
42	Crucial influence of crystal site disorder on dynamical spectral response in artificial magnetoplumbites. Solid State Sciences, 2016, 62, 13-21.	3.2	15
43	[formula] xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.8</mml:mn></mml:mrow></mml:msub></mml:math>Ni<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.2</mml:mn></mml:mrow></mml:msub></mml:math>Cr<mml:math [illegible]	3.2	14
44	Chemical bonding and valence state of 3d-metal ions in Ni 1â^'x Co x Cr 2 O 4 spinels from X-ray diffraction and X-ray photoelectron spectroscopy data. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 208-219.	1.7	14
45	Anomalies in the physical properties of the Î± form of bismuth oxide. Physics of the Solid State, 1997, 39, 770-774.	0.6	13
46	Spin modulation of 57Fe NMR frequency and relaxation in BiFeO3. Physica B: Condensed Matter, 2003, 329-333, 848-849.	2.7	13
47	209Bi NMR spectrum of BiFeO3 in the presence of spatial modulation of hyperfine fields. JETP Letters, 2003, 78, 389-392.	1.4	13
48	3-Cyano-4,6-dimethyl-2-pyridone (Guareschi pyridone). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o160-o161.	0.2	13
49	Characteristic of spontaneous polarization in Pb5Ge3O11 crystals. Crystallography Reports, 2005, 50, 836-842.	0.6	13
50	Anomalous optical properties of the mixed-valent lithium cuprateLiCu2O2. Physical Review B, 2006, 74, .	3.2	13
51	Chemical bonding in the Bi1â^'xSrxFeO3Â±y system by X-ray photoelectron and MÃ¶ssbauer spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2013, 189, 106-115.	1.7	13
52	Magnetic field dependence of the critical current density in YBa 2 Cu 3 O x ceramics. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1623-1624.	1.2	12
53	Pyroelectric properties of bismuth ferrite in the low-temperature range. Crystallography Reports, 2007, 52, 123-128.	0.6	12
54	Electron localization into a bound spin polaron in the quasi-one-dimensionalS=12antiferromagnetLiCu2O2. Physical Review B, 2009, 79, .	3.2	12

#	Article	IF	Citations
55	Dielectric and piezoelectric properties of (1 â˜' 2x)BiScO3 Â· xPbTiO3 Â· xPbMg1/3Nb2/3O3 (0.30 â‰¤ x â‰¤0.46) solid solutions. Inorganic Materials, 2011, 47, 779-785.	0.8	12
56	Preparation and dielectric and piezoelectric properties of Bi3TiNbO9, Bi2CaNb2O9, and Bi2.5Na0.5Nb2O9 ceramics doped with various elements. Inorganic Materials, 2016, 52, 510-516.	0.8	12
57	Low-frequency relaxation processes in Pb5Ge3O11 ferroelectric crystals. Physics of the Solid State, 2004, 46, 1722-1729.	0.6	11
58	Magnetic structure of the low-dimensional magnet NaCu2O2: 63,65Cu and 23Na NMR studies. Journal of Experimental and Theoretical Physics, 2014, 119, 870-879.	0.9	11
59	Studies of single crystals in the Bi?Ca?Sr?Cu?O system by the diamagnetic shielding method. European Physical Journal B, 1990, 78, 195-198.	1.5	10
60	The Effect of Magnetic Field on the Critical Current of YBa2Cu3OxCeramics. Japanese Journal of Applied Physics, 1990, 29, L760-L762.	1.5	10
61	Growth and morphological study of copper oxide single crystals. Crystallography Reports, 2002, 47, 335-339.	0.6	10
62	Magnetic structure of the frustratedS=12chain magnet LiCu2O2doped with nonmagnetic Zn. Physical Review B, 2013, 88, .	3.2	10
63	Preparation and X-ray diffraction, dielectric, and MÃ¶ssbauer characterization of Co1 â˜' x Ni x Cr2O4 solid solutions. Inorganic Materials, 2013, 49, 296-302.	0.8	10
64	Exotic phases of frustrated antiferromagnet LiCu2O2. Physical Review B, 2018, 97, .	3.2	10
65	Normal modes of Biî—¸Srî—¸Caî—¸Cuî—¸O high-temperature superconductors: layer-by-layer approach. Physica C: Superconductivity and Its Applications, 1992, 190, 477-482.	1.2	9
66	209Bi NQR Powder Spectra Influenced by Local and Applied Magnetic Fields. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1994, 49, 425-432.	1.5	9
67	Transformation of dielectric properties and appearance of relaxation behavior in Pb5(Ge1â˜'x Six)3O11 crystals. Journal of Experimental and Theoretical Physics, 2005, 100, 139-151.	0.9	9
68	High-temperature structural phase transition in the LiCu2O2 multiferroic. Journal of Experimental and Theoretical Physics, 2013, 117, 320-326.	0.9	9
69	Preparation, dielectric and thermal characteristics of a new series Cs-R - Ti-molybdates (R â€“ Al, Fe, Ga,) Tj ETQq1 1 0.784314 rgBT /O	1.9	9
70	New ferroelectric oxides: Synthesis, crystal structures, phase transitions and properties. Ferroelectrics, 1985, 63, 217-226.	0.6	8
71	Electrical instability of LiCu2O2 crystals. Physics of the Solid State, 2004, 46, 445-452.	0.6	8
72	New mesoionic systems of the azolopyridine series. 1. Synthesis and structures of thiazolo[3,2-a]pyridinium 2-thiolates. Russian Chemical Bulletin, 2004, 53, 176-180.	1.5	8

#	Article	IF	Citations
73	Dakin-West Trick in the Design of Novel 2-Alkyl(aralkyl) Derivatives of Oxazolo[3,2-a]pyridines. Molecules, 2005, 10, 1109-1118.	3.8	8
74	On the magnetic structure of frustrated antiferromagnets LiCu₂O₂and NaCu₂O₂. Journal of Physics: Conference Series, 2010, 200, 022062.	0.4	8
75	Features of the Jahn-Teller transition in Ni1 â^' x Co x Cr2O4 solid solutions. Physics of the Solid State, 2014, 56, 785-791.	0.6	8
76	Relaxor ferroelectric properties of the (1â€“2x)BiScO3 Â· xPbTiO3 Â· xPbMg1/3Nb2/3O3 (0.30 â‰¤ x â‰¤ 0.46) system. Physics of the Solid State, 2017, 59, 34-42.	0.6	8
77	63Cu and 65Cu NQR lineshape in Bi-Sr-Ca-Cu-O high-Tc superconductors. Physica C: Superconductivity and Its Applications, 1990, 168, 291-296.	1.2	7
78	Correlation between Tc and vibration spectra of high-temperature superconductors. New 110 KI tetragonal superconductor (Y0.75Sc0.25)(Ba0.75Sr0.25)2Cu3Oï*f*. Solid State Communications, 1990, 75, 511-514.	1.9	7
79	Antisymmetric exchange interactions and weak ferromagnetism inBi2CuO4. Physical Review B, 1994, 50, 3404-3407.	3.2	7
80	Piezoelectric and Nonlinear Optical Properties of PbGe4O9 Crystals. Inorganic Materials, 2002, 38, 168-171.	0.8	7
81	New mesoionic systems of azolopyridine series 2. Synthesis, structures, and biological activity of 2-aminothiazolo[3,2-a]pyridinium salts and thiazolo[3,2-a]pyridinium 2-imidates. Russian Chemical Bulletin, 2005, 54, 231-237.	1.5	7
82	Dielectric properties of Sr3CuNb2O9 perovskite ceramics. Inorganic Materials, 2008, 44, 1233-1239.	0.8	7
83	Equilibrium of a system of superconducting rings in a uniform gravitational field. Technical Physics, 2013, 58, 684-691.	0.7	7
84	The cooperative Jahnâ€“Teller effect and anti-isostructural phases in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0061.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ni</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mi></mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>Cu₂O₂(OH)₂(pyz). Journal of Physics and Chemistry of Solids, 2015, 86, 42-48.	4.0	7
85	Room temperature ferrimagnetism in Yb-doped relaxor ferroelectric PbFe2/3W1/3O3. Applied Physics Letters, 2019, 115, 072902.	3.3	7
86	Lead tetragermanate crystals: Polymorphism, crystal structure and properties. Ferroelectrics, 1982, 45, 203-209.	0.6	6
87	Dispersion of dielectric constants in bismuth strontium ferrite (Bi,Sr)FeO3 â^' x â€”Variable-valence perovskite-structure solid solution. Physics of the Solid State, 2007, 49, 1652-1657.	0.6	6
88	Growth and properties of LiCu2O2-NaCu2O2 crystals. Inorganic Materials, 2008, 44, 628-634.	0.8	6
89	Effect of BiFeO3 ceramics morphology on electrodynamic properties in the terahertz frequency range. Physics of the Solid State, 2012, 54, 1191-1198.	0.6	6
90	Altering drug tolerance of surface plasmon resonance assays for the detection of anti-drug antibodies. Analytical Biochemistry, 2013, 441, 174-179.	2.4	6

#	Article	IF	Citations
91	Anisotropic exchange in LiCu2O2. Physical Review B, 2017, 95, .	3.2	6
92	Dipole ordering and ionic conductivity in NASICON-Type Na3Cr2(PO4)3 structures. Physics of the Solid State, 2018, 60, 23-30.	0.6	6
93	Microstructure and Electrical Transport Properties of Bi3TiNbO9 High-Temperature Piezoceramics. Inorganic Materials, 2018, 54, 736-743.	0.8	6
94	Spin-echo study of magnetism in Bi 2 CuO 4. Journal of Magnetism and Magnetic Materials, 1993, 127, 281-288.	2.3	5
95	Synthesis, X-ray and neutron diffraction and MÃ¶ssbauer studies of SrFeOx crystals. Crystallography Reports, 2000, 45, 734-738.	0.6	5
96	Polarization modes in the Ba2Mg2Fe12O22 multiferroic. Physics of the Solid State, 2011, 53, 736-744.	0.6	5
97	Dynamic spectral response of solid solutions of the bismuth-strontium ferrite Bi1 â^' x Sr x FeO3 â^' Î´ in the frequency range 0.3â€“200 THz. Physics of the Solid State, 2013, 55, 1417-1430.	0.6	5
98	NMR study of the paramagnetic state of low-dimensional magnets LiCu2O2 and NaCu2O2. Journal of Experimental and Theoretical Physics, 2017, 124, 286-294.	0.9	5
99	The properties of short-circuited HTSC coils. Technical Physics, 2017, 62, 890-894.	0.7	5
100	Structure of Relaxor Ferroelectric (1 â€“ 2Ñ…)BiScO3 Â· Ñ…PbTiO3 Â· Ñ…PbMg0.33Nb0.67O3 with Ñ… = 0.42 in the Polarized and Depolarized States. Crystallography Reports, 2018, 63, 84-89.	0.6	5
101	Synthesis, X-ray Diffraction Characterization, MÃ¶ssbauer Spectroscopy, and Dielectric Properties of Solid Solutions in the PbFe2/3W1/3O3â€“PbSc2/3W1/3O3 System. Inorganic Materials, 2018, 54, 288-294.	0.8	5
102	Studies of single crystals in the Bi Sr Ca Cu O system by the diamagnetic shielding method. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1631-1632.	1.2	4
103	Multi-frequency ESR in NaCu2O2. Journal of Physics: Conference Series, 2006, 51, 71-74.	0.4	4
104	Low-frequency dynamic response of the bismuth strontium ferrite (Bi,Sr)FeO3â^'x. Physics of the Solid State, 2009, 51, 498-502.	0.6	4
105	Influence of Complex Additives on Morphology, Phase Transitions, and Dielectric Properties of 0.36BiScO₃-0.64PbTiO₃Ceramics. Ferroelectrics, 2012, 440, 105-112.	0.6	4
106	Thermodynamic properties of CoCr2O4: specific heat and magnetic entropy. Physics and Chemistry of Minerals, 2013, 40, 203-206.	0.8	4
107	Levitating states of superconducting rings in the field of a fixed ring with constant current. Technical Physics, 2014, 59, 940-943.	0.7	4
108	Temperature evolution of structural and magnetic properties of stoichiometric LiCu2O2: Correlation of thermal expansion coefficient and magnetic order. Solid State Sciences, 2014, 34, 97-101.	3.2	4

#	Article	IF	Citations
109	Electrical properties of ceramic samples of (1â€“x)Ba(Ti1â€“y Zr y)O3 âˆ™ xPbTiO3 solid solutions. Inorganic Materials, 2017, 53, 318-325.	0.8	4
110	Dielectric properties of crystals of (Pb1â€“x Ba x)5Ge3O11 solid solutions. Inorganic Materials, 2017, 53, 734-740.	0.8	4
111	Dielectric relaxation in Bi₂Ti₂O₇ single crystals. Ferroelectrics, 2019, 553, 60-65.	0.6	4
112	Preparation, Structural and Electrophysical Studies of Ferroelectric Ceramic Samples of the System (1-2x)BiScO3-xPbTiO3-xPbMg1/3Nb2/3O3, 0 â‰¤ x â‰¤ 0.50. Fine Chemical Technologies, 2019, 14, 78-89.	0.8	4
113	Unusual broadening of mÃ¶ssbauer lines in oxygen-reduced superconducting ceramic YBa2(Cu1â^'xFex)3Oy near T=110 K. Solid State Communications, 1990, 76, 1099-1102.	1.9	3
114	Non-linear ac effect and dissipation in weak-link medium of high-Tc superconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 154, 416-420.	2.1	3
115	Memory effect in the microwave absorption of HTSC single crystals in low magnetic field (<0.1 G). Physica C: Superconductivity and Its Applications, 1992, 194, 71-75.	1.2	3
116	Unexpected formation of a thiazolo[3,2-a]pyridinium methide: a novel subclass of mesoionic compounds. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1673-o1675.	0.2	3
117	Electret effect in Pb5Ge3O11 crystals. Inorganic Materials, 2011, 47, 983-989.	0.8	3
118	The potential energy of a superconducting ring system locking magnetic flows in a gravity field. Technical Physics Letters, 2012, 38, 880-883.	0.7	3
119	Surface ionization properties of alkali metal oxide bronze. Technical Physics Letters, 2012, 38, 196-198.	0.7	3
120	Stability of equilibrium of a superconducting ring that levitates in the field of a fixed ring with constant current. Technical Physics, 2015, 60, 1710-1713.	0.7	3
121	Preparation and X-Ray diffraction, dielectric, and MÃ¶ssbauer characterization of Co1 â^' x Cu x Cr2O4 ceramics. Inorganic Materials, 2015, 51, 71-75.	0.8	3
122	Spin and dipole order in geometrically frustrated mixed-valence manganite Pb3Mn7O15. Journal of Materials Science: Materials in Electronics, 2016, 27, 12562-12573.	2.2	3
123	Spaceâ€'time inhomogeneity of the electron flow in pyroelectric X-ray sources. Journal of Surface Investigation, 2017, 11, 704-709.	0.5	3
124	Temperature evolution of the dielectric response function of Pb(Fe0.95Sc0.05)2/3W1/3O3 relaxor ceramics in a wide frequency range. Physics of the Solid State, 2017, 59, 2365-2373.	0.6	3
125	Phase Diagram and Dielectric Properties of (1â€“x)Ba(Ti1â€“yZr y)O3 Â· xPbTiO3 Ceramics. Inorganic Materials, 2018, 54, 208-219.	0.8	3
126	Growth, Thermogravimetric Characterization, and Electrical Properties of LiCu3O3 Single Crystals. Inorganic Materials, 2019, 55, 374-379.	0.8	3

#	Article	IF	Citations
127	Interrelation of the structure, vibrational spectra and critical temperature of (123)-superconductors. Physica C: Superconductivity and Its Applications, 1992, 191, 255-259.	1.2	2
128	PbGe4O9â€“MGe4O9 (M = Ba, Sr) and BaGe4O9â€“SrGe4O9 Solid Solutions. Inorganic Materials, 2003, 39, 610-615.	0.8	2
129	Induced Phase Transition in BiFeO3by High-Field Electron Spin Resonance. Ferroelectrics, 2004, 301, 229-234.	0.6	2
130	The ESR spectra of Mn2+ ions and the low-temperature NQR spectra of 175Lu in LuNbO4 crystals. Crystallography Reports, 2005, 50, 974-975.	0.6	2
131	Superconductivity in porous MgB2. Journal of Physics: Conference Series, 2006, 43, 492-495.	0.4	2
132	X-ray diffraction study of ceramic samples of SrCu1/3Nb1/3O3. Russian Journal of Inorganic Chemistry, 2012, 57, 1027-1032.	1.3	2
133	X-ray, MÃ¶ssbauer, and dielectric studies of the Co1 â^' x Ni x Cr2O4 ceramic system. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 663-667.	0.6	2
134	Preparation and electrical properties of (1 â^' x)BiScO3 Â· xPbTiO3 ceramics with MnO2 and Ni2O3 additions. Inorganic Materials, 2014, 50, 95-100.	0.8	2
135	Electrodynamic response of Ca1 â€“ x Pb x TiO3 two-phase solid solution in a wide frequency range. Physics of the Solid State, 2017, 59, 1094-1102.	0.6	2
136	Invar effect accompanying charge order in La 0.25 Ca 0.75 MnO 3. Solid State Sciences, 2017, 72, 144-149.	3.2	2
137	Magnetic Structure and Ferroelectricity in Low-Dimensional Cuprates LiCu2O2 and NaCu2O2 as Determined by NMR Spectroscopy. Physics of Metals and Metallography, 2019, 120, 646-652.	1.0	2
138	Structure, dielectric and piezoelectric properties of the BiScO₃-PbTiO₃-PbMg_{1/3}Nb_{2/3}O₃ ceramics. Ferroelectrics, 2019, 538, 105-112.	0.6	2
139	Lead tetragermanate crystals: Polymorphism, crystal structure and properties. Ferroelectrics, 1981, 38, 785-785.	0.6	1
140	On the minimal linewidth of the microwave absorption spectra in the HTSC single crystals in superconductive state. Solid State Communications, 1993, 86, 203-204.	1.9	1
141	Interference between shielding and trasport currents in Bi2Sr2CaCu2Ox single crystals. Physica C: Superconductivity and Its Applications, 1994, 235-240, 3097-3098.	1.2	1
142	Field-induced phase transitions in Bi2CuO4. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1573-1574.	2.3	1
143	Bean-Livingston barrier and dynamics of the magnetic flux flow in layered (plated) superconductors. IEEE Transactions on Applied Superconductivity, 2002, 12, 1018-1021.	1.7	1
144	8-Methyl-3,N-bis(trifluoroacetyl)oxazolo[3,2-a]pyridinium-2-imidate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3620-o3620.	0.2	1

#	Article	IF	Citations
145	High pressure x-ray diffraction study of nickelâ€“copper chromites solid solutions. Journal of Physics Condensed Matter, 2014, 26, 505401.	1.8	1
146	Effect of silver solubility on the structural, electrical, and magnetic properties of multiferroic LiCu2O2. Inorganic Materials, 2015, 51, 598-606.	0.8	1
147	X-ray diffraction analysis of LiCu2O2 crystals with additives of silver atoms. Crystallography Reports, 2015, 60, 662-666.	0.6	1
148	Spin dynamics in LiCu2O2 and NaCu2O2 low-dimensional helical magnets. JETP Letters, 2017, 105, 715-720.	1.4	1
149	The Application of the Profile Analysis of Diffraction Peaks for Determination of the Phase Relationships in the (1 â€“ 2x)BiScO3 â‹… xPbTiO3 â‹… xPbMg1/3Nb2/3O3 System near the Morphotropic Phase Boundary. Inorganic Materials, 2020, 56, 1462-1466.	0.8	1
150	Investigation of the LiCu2O2 Phase Samples Treated under High Thermobaric Conditions. Crystallography Reports, 2021, 66, 1060-1065.	0.6	1
151	Effect of oxygen annealing on single crystals of YBa 2 (Cu 1â^'x Fe x) 3 O 7â^'y : Mossbauer spectroscopy. Physica C: Superconductivity and Its Applications, 1989, 162-164, 37-38.	1.2	0
152	Unusual broadening of MÃ¶ssbauer lines in oxygen-reduced superconducting ceramic YBa2(Cu1-xFex)3Oy near T = 110 K. Solid State Communications, 1990, 76, 701-704.	1.9	0
153	The Singular Behavior of the Lattice Hardness of Bismuth Cuprates Under Thermocycling. Materials Research Society Symposia Proceedings, 1991, 226, 375.	0.1	0
154	The critical current and magnetization anisotropy in TmBa2Cu3Ox and Bi2Sr2CaCu2Oy single crystals. Physica B: Condensed Matter, 1991, 169, 651-652.	2.7	0
155	Single crystals of new phase Na0.67Pb2Ge2.67O7.33(OH)0.67 in PbO?GeO2?NaOH?H2O system: Conditions of preparation, atomic structure, and properties. Journal of Structural Chemistry, 1992, 32, 320-324.	1.0	0
156	New high-temperature superconductor Bi4Sr4CaCu3O14+x . Crystal structure and defectiveness of cationic sublattice. Journal of Structural Chemistry, 1994, 35, 577-584.	1.0	0
157	Anisotropic conductivity of Bi2Sr2CaCu2O8+Î´ single crystals near Tc. Physica B: Condensed Matter, 1994, 194-196, 1529-1530.	2.7	0
158	Infrared reflectivity study of the superconducting Bi4Sr4CaCu3O1O14+Î´ in a polarized light. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1135-1136.	1.2	0
159	Infrared reflectivity spectra of superconducting Bi4Sr4CaCu3O14+x in polarized light. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 195, 249-252.	2.1	0
160	Multilayered high-temperature superconducting materials as possible base for cryogenic switching elements. Ferroelectrics, 1995, 167, 279-287.	0.6	0
161	Far-infrared reflectivity study of vibrational structure in superconducting. Journal of Physics Condensed Matter, 1997, 9, 3071-3074.	1.8	0
162	EPR spectra of Cr3+-doped LuNbO4 crystals. Crystallography Reports, 2002, 47, 320-323.	0.6	0

#	Article	IF	Citations
163	4,6-Dimethyl-5-nitro-1H-pyridin-2-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o201-o203.	0.2	0
164	New Mesoionic Systems of the Azolopyridine Series. Part 1. Synthesis and Structures of Thiazolo[3,2-a]pyridinium 2-Thiolates.. ChemInform, 2004, 35, no.	0.0	0
165	New Mesoionic Systems of Azolopyridine Series. Part 2. Synthesis, Structures, and Biological Activity of 2-Aminothiazolo[3,2-a]pyridinium Salts and Thiazolo[3,2-a]pyridinium 2-Imidates.. ChemInform, 2006, 37, no.	0.0	0
166	7-Methyl-3,N-bis(trifluoroacetyl)oxazolo[3,2-a]pyridinium-2-imidate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3619-o3619.	0.2	0
167	Long-range magnetic order in Li x Na1â^'x Cu2O2. Journal of Experimental and Theoretical Physics, 2007, 105, 18-20.	0.9	0
168	Spontaneous Magnetization and Antiferromagnetic Correlations in Low-Dimensional Quantum (<i>S</i>=1/2) Single Crystal LiCu₂O2+Î". Solid State Phenomena, 0, 168-169, 497-500.	0.3	0
169	Phase diagram of CoCr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	0
170	Surface-ionization properties of single crystals and polycrystals of alkali metal oxide bronzes. Inorganic Materials: Applied Research, 2013, 4, 420-425.	0.5	0
171	Study of the electronic structure of sodium-vanadium bronze (Na x V2O5) single crystals at x = 0.23, 0.28, and 0.33. Journal of Surface Investigation, 2014, 8, 117-126.	0.5	0
172	Structure and properties of (1 â^' x)BiFeO3 Â· xPbFe2/3W1/3O3 (0 â‰¤ x â‰¤ 1) solid solutions. Inorganic Materials, 2014, 50, 1272-1276.	0.8	0
173	Electrodynamic Characteristics of Solid Solutions Pb(Fe1Ââ€“ÂxScx)2/3W1/3O3 in a Broad Spectral Range. Physics of the Solid State, 2018, 60, 2440-2449.	0.6	0
174	Dielectric Response of Ceramic 16BiScO3â€“42PbMg1/3Nb2/3O3â€“42PbTiO3 Solid Solutions in an Electrical Field. Physics of the Solid State, 2019, 61, 1428-1432.	0.6	0
175	Stable Levitation of Superconducting Myxines of Galathea Plasma Traps. Plasma Physics Reports, 2019, 45, 21-27.	0.9	0
176	MÃ¶ssbauer studies of mixed-valence manganite Pb3(Mn0.965Fe0.035)7O15. Journal of Materials Science: Materials in Electronics, 2019, 30, 17820-17827.	2.2	0
177	Preparation, structure and dielectric studies of solid solutions Pb(Fe_{1â€“}_xIn_x)_{2/3}W_{1/3}O₃. Ferroelectrics, 2019, 553, 89-94.	0.6	0
178	Partial cation ordering, relaxor ferroelectricity, and ferrimagnetism in Pb(Fe1â€‰â^'â€‰xYbx)2/3W1/3O3 solid solutions. Journal of Applied Physics, 2020, 128, 134102.	2.5	0
179	Neutron-diffraction study of the cubic-tetragonal phase structural transition in the single crystals of the solid solutions of zirconium and yttrium oxides. Fine Chemical Technologies, 2021, 16, 55-66.	0.8	0
180	Crystal Structure, Phase and Elemental Composition and Chemical Bonding in Bi1â^'X A X FeO3Â±Y Systems (A = Sr, Ca; 0 â‰¤X â‰¤ 1) from X-ray Diffraction, MÃ¶ssbauer, and X-ray Photoelectron Spectra. Springer Proceedings in Physics, 2017, , 145-153.	0.2	0