

Mitsuru Itoh

List of Publications by Year in descending order

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508
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19342

60
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103
g-index

535
all docs

535
docs citations

535
times ranked

11419
citing authors

#	ARTICLE	IF	CITATIONS
1	High ionic conductivity in lithium lanthanum titanate. Solid State Communications, 1993, 86, 689-693.	1.9	1,400
2	Ferroelectricity Induced by Oxygen Isotope Exchange in Strontium Titanate Perovskite. Physical Review Letters, 1999, 82, 3540-3543.	8.0	524
3	Candidate compounds with perovskite structure for high lithium ionic conductivity. Solid State Ionics, 1994, 70-71, 196-202.	2.8	352
4	Relaxor $Pb(Mg_{1-x}O_{3-2x})_x$ A Ferroelectric with μ . Physical Review Letters, 2009, 103, 207601.	8.0	267
5	High lithium ion conductivity in the perovskite-type compounds. Solid State Ionics, 1994, 70-71, 203-207.	2.8	255
6	Ferroelectric quantum criticality. Nature Physics, 2014, 10, 367-372.	11.7	242
7	AgNbO ₃ : A lead-free material with large polarization and electromechanical response. Applied Physics Letters, 2007, 90, 252907.	3.2	240
8	Crystal Structure and Diffusion Path in the Fast Lithium-Ion Conductor La _{0.62} Li _{0.16} TiO ₃ . Journal of the American Chemical Society, 2005, 127, 3491-3495.	14.5	204
9	Microwave Dielectric Characteristics of Ilmenite-Type Titanates with High Q Values. Japanese Journal of Applied Physics, 1994, 33, 5466-5470.	1.6	194
10	Structure of Ferroelectric Silver Niobate AgNbO ₃ . Chemistry of Materials, 2011, 23, 1643-1645.	6.9	158
11	Photoluminescence Properties of Pr-Doped (Ca,Sr,Ba)TiO ₃ . Chemistry of Materials, 2005, 17, 3200-3204.	6.9	151
12	Simultaneous metal-insulator and spin-state transitions in Pr _{0.5} Ca _{0.5} CoO ₃ . Physical Review B, 2002, 66, .	3.3	148
13	Anomalous Phase Diagram of Ferroelectric $Ba_{1-x}Ca_xTiO_3$ Crystals with Giant Electromechanical Response. Physical Review Letters, 2000, 100, 227601.	11.0	143
14	Phase diagram and enhanced piezoelectricity in the strontium titanate doped potassium-sodium niobate solid solution. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, R57-R59.	1.9	136
15	NMR study of disorder in BaTiO ₃ and SrTiO ₃ . Physical Review B, 2005, 71, .	3.3	136
16	Tuning the orthorhombic-rhombohedral phase transition temperature in sodium potassium niobate by incorporating barium zirconate. Physica Status Solidi - Rapid Research Letters, 2009, 3, 142-144.	2.4	135
17	Piezoelectric Properties of Spark-Plasma-Sintered (Na _{0.5} K _{0.5})NbO ₃ -PbTiO ₃ Ceramics. Japanese Journal of Applied Physics, 2002, 41, 7119-7122.	1.6	132
18	Valency pair and properties of 1:1 ordered perovskite-type compounds Sr ₂ MMoO ₆ (M = Mn, Fe, Co). Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1996, 41, 55-58.	3.6	126

#	ARTICLE	IF	CITATIONS
19	Crystal Structure of a Lithium Ion-Conducting Perovskite $\text{La}_{2/3}\text{xLi}_3\text{xTiO}_3$ ($\text{x}=0.05$). Journal of Solid State Chemistry, 2002, 166, 67-72.	3.0	125
20	Magnetic and Electrical Properties of $\text{La}_x\text{Mn}_{1-x}\text{O}_3$ (A= Na, K, Rb, and Sr) with Perovskite-Type Structure. Journal of Solid State Chemistry, 1996, 124, 250-263.	3.0	121
21	Dielectric properties of a-site deficient perovskite-type lanthanum-calcium-titanium oxide solid solution system [J]. Materials Research Bulletin, 1995, 30, 307-316.	5.3	120
22	Influences of carrier concentration and site percolation on lithium ion conductivity in perovskite-type oxides. Solid State Ionics, 1996, 86-88, 257-260.	2.8	119
23	A Gigantic Photoinduced Dielectric Constant of Quantum Paraelectric Perovskite Oxides Observed under a Weak DC Electric Field. Journal of the Physical Society of Japan, 2003, 72, 37-40.	1.6	109
24	Fabrication of BaTi_2O_5 Glass-Ceramics with Unusual Dielectric Properties during Crystallization. Chemistry of Materials, 2006, 18, 2169-2173.	6.9	104
25	High temperature ferromagnetism in single crystalline dilute Fe-doped BaTiO_3 . Physical Review B, 2000, 77, .	3.3	104
26	Electric, magnetic, and calorimetric properties and phase diagram of $\text{Pr}_{1-x}\text{Ca}_x\text{CoO}_3$ ($0 < x < 0.55$). Physical Review B, 2004, 69, .	3.3	99
27	Low-Driving Voltage Electroluminescence in Perovskite Films. Advanced Materials, 2009, 21, 3699-3702.	24.0	99
28	The Effect of the Hydrostatic Pressure on the Ionic Conductivity in a Perovskite Lanthanum Lithium Titanate. Journal of the Electrochemical Society, 1995, 142, L8-L11.	2.9	94
29	Pressure dependence of the magnetic transition temperature for ferromagnetic SrRuO_3 . Solid State Communications, 1994, 90, 115-119.	1.9	92
30	Microwave Characteristics of BaO-TiO_2 Ceramics Prepared via a Citrate Route. Journal of the American Ceramic Society, 1995, 78, 1169-1172.	3.8	92
31	Step-flow growth of SrTiO_3 thin films with a dielectric constant exceeding 104. Applied Physics Letters, 1999, 74, 3543-3545.	3.2	91
32	Order-Disorder Component in the Phase Transition Mechanism of O_8 -Enriched Strontium Titanate. Physical Review Letters, 2005, 94, 147601.	8.0	91
33	Structure dependence of the ferromagnetic transition temperature in rhombohedral $\text{La}_{1-x}\text{A}_x\text{MnO}_3$ (A=Na, K, Rb, and Sr). Physical Review B, 1995, 52, 12522-12525.	3.3	89
34	Electrical conductivity and metal-nonmetal transition in the perovskite-related layered system $\text{Ca}_{n+1}\text{Ti}_n\text{O}_{3n+1}\text{A}^{2+}$ ($n = 2, 3, \text{and } \infty$). Journal of Solid State Chemistry, 1992, 101, 77-86.	3.0	87
35	Manipulation of magnetic coercivity of Fe film in Fe/BaTiO_3 heterostructure by electric field. Applied Physics Letters, 2011, 99, 102506.	3.2	84
36	Structural investigations of migration pathways in lithium ion-conducting $\text{La}_{2/3}\text{xLi}_3\text{xTiO}_3$ perovskites. Solid State Ionics, 2006, 177, 3037-3044.	2.8	83

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37	Field-induced Order-Disorder Transition in Antiferromagnetic $\text{BaCo}_2\text{V}_2\text{O}_8$ Driven by a Softening of Spinon Excitation. <i>Physical Review Letters</i> , 2007, 99, 087602.	8.0	83
38	Field-induced order-disorder transition in the quasi-one-dimensional anisotropic antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$. <i>Physical Review B</i> , 2005, 72, .	3.3	82
39	Negative cooperative effect on the spin-state excitation in LaCoO_3 . <i>Physical Review B</i> , 2003, 67, .	3.3	81
40	Perfect Softening of the Ferroelectric Mode in the Isotope-Exchanged Strontium Titanate of SrTiO_3 Studied by Light Scattering. <i>Physical Review Letters</i> , 2006, 96, 227602.	8.0	81
41	Crystal Structure and Magnetic Properties of B-Site Ordered Perovskite-type Oxides $\text{A}_2\text{CuB}_2\text{O}_6$ (A=Ba, Tl). <i>Journal of Solid State Chemistry</i> , 1999, 147, 1-10.	3.0	79
42	Origin of Giant Dielectric Response in Nonferroelectric $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$: Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy. <i>Chemistry of Materials</i> , 2008, 20, 1694-1698.	6.9	78
43	High-Pressure Synthesis and Correlation between Structure, Magnetic, and Dielectric Properties in LiNbO_3 -Type MnMO_3 (M = Ti, Sn). <i>Inorganic Chemistry</i> , 2011, 50, 6392-6398.	4.2	78
44	Crystal Growth and Magnetic Properties of $\text{BaCo}_2\text{V}_2\text{O}_8$. <i>Chemistry of Materials</i> , 2005, 17, 2924-2926.	6.9	77
45	Novel Ordering of an $\text{S}_2\text{Mo}_2\text{Mn}_2\text{O}_{10}$ Ising-Like Antiferromagnet in Magnetic Field. <i>Physical Review Letters</i> , 2008, 100, 057202.	8.0	77
46	Structure and magnetic properties of $\text{Sr}_2\text{AxIrO}_4$ (A=Ca and Ba). <i>Physical Review B</i> , 1995, 52, 9143-9146.	3.3	75
47	Thermodynamical analysis of spin-state transitions in LaCoO_3 : Negative energy of mixing to assist thermal excitation to the high-spin excited state. <i>Physical Review B</i> , 2005, 71, .	3.3	75
48	Superconductivity, magnetism and oxygen nonstoichiometry of $\text{Ba}_2\text{Y}(\text{Cu}_{1-x}\text{M}_x)_3\text{O}_y$ (M = Zn and Ni). <i>Physica C: Superconductivity and Its Applications</i> , 1990, 170, 307-314.	1.2	73
49	Dielectric Behavior of $(1-x)\text{LaAlO}_3-x\text{SrTiO}_3$ Solid Solution System at Microwave Frequencies. <i>Japanese Journal of Applied Physics</i> , 1998, 37, 5625-5629.	1.6	73
50	Quantum ferroelectricity in SrTiO_3 induced by oxygen isotope exchange. <i>Applied Physics Letters</i> , 2000, 76, 221-223.	3.2	73
51	Oxide cathode with perovskite structure for rechargeable lithium batteries. <i>Journal of Power Sources</i> , 1995, 54, 397-402.	7.9	72
52	Stability of ferromagnetic state of epitaxially grown ordered FeRh thin films. <i>Journal of Applied Physics</i> , 2009, 105, .	2.3	69
53	Electric-field switching of perpendicularly magnetized multilayers. <i>NPG Asia Materials</i> , 2015, 7, e198-e198.	8.2	69
54	Comprehensive Structural Study of Glassy and Metastable Crystalline BaTi_2O_5 . <i>Chemistry of Materials</i> , 2009, 21, 259-263.	6.9	68

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55	Suppression of the quantum fluctuation in ^{18}O -enriched strontium titanate. <i>Physical Review B</i> , 2001, 64, .	3.3	66
56	Ferroelectricity Driven by Twisting of Silicate Tetrahedral Chains. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8088-8092.	14.6	64
57	High temperature quantum paraelectricity in perovskite-type titanates $\text{Ln}_{1/2}\text{Na}_{1/2}\text{TiO}_3$ (Ln = La, Pr, Nd, Sm, Eu, Gd and Tb). <i>Ferroelectrics</i> , 1997, 200, 93-107.	0.6	63
58	Quantum Paraelectricity in a Perovskite $\text{La}_{1/2}\text{Na}_{1/2}\text{TiO}_3$. <i>Journal of the Physical Society of Japan</i> , 1992, 61, 3831-3832.	1.6	62
59	A facile high-yield solvothermal route to tin phosphide Sn_4P_3 . <i>Journal of Solid State Chemistry</i> , 2006, 179, 3756-3762.	3.0	62
60	Positive and Negative Magnetodielectric Effects in <i>A</i> -Site Ordered $(\text{BiMn}_3\text{Mn}_4\text{O}_{12})$ Perovskite. <i>Journal of the American Chemical Society</i> , 2008, 130, 14948-14949.	14.5	62
61	Electric-field-temperature phase diagram of Mn-doped $\text{Bi}_{0.5}(\text{Na}_{0.9}\text{K}_{0.1})_{0.5}\text{TiO}_3$ ceramics. <i>Applied Physics Letters</i> , 2015, 107, .	3.2	62
62	Structure and Ionic Conductivity of NaLnTiO_4 ; Comparison with Those of $\text{Na}_2\text{Ln}_2\text{Ti}_3\text{O}_{10}$ (Ln= La, Nd, Sm,) $T_j \text{ETQq}0,0 \text{rgBT} / \text{Overlock}$.	3.0	61
63	$\text{BaCu}_2\text{V}_2\text{O}_8$: Quasi-one-dimensional alternating chain compound with a large spin gap. <i>Physical Review B</i> , 2004, 69, .	3.3	61
64	Electrical and optical spin injection in ferromagnet/semiconductor heterostructures. <i>NPG Asia Materials</i> , 2011, 3, 65-73.	8.2	61
65	Crystal growth and piezoelectricity of BaTiO_3 - CaTiO_3 solid solution. <i>Applied Physics Letters</i> , 2008, 93, .	3.2	60
66	First-principles calculations of lattice dynamics in CdTiO_3 and CaTiO_3 . <i>Physical Review B</i> , 2011, 84, .	3.3	60
67	Ferroelectricity in wurtzite structure simple chalcogenide. <i>Applied Physics Letters</i> , 2014, 104, .	3.2	60
68	Giant Dielectric Constant of Hexagonal BaTiO_3 Crystal Grown by Containerless Processing. <i>Chemistry of Materials</i> , 2004, 16, 3973-3975.	6.9	58
69	Extrinsic origin of giant permittivity in hexagonal BaTiO_3 single crystals: Contributions of interfacial layer and depletion layer. <i>Applied Physics Letters</i> , 2005, 87, 252904.	3.2	58
70	Defect-induced magnetism: Test of dilute magnetism in Fe-doped hexagonal BaTiO_3 single crystals. <i>Physical Review B</i> , 2011, 83, .	3.3	58
71	Raman scattering study of the soft mode in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 706-714.	2.5	58
72	Influence of Covalent Character on High Li Ion Conductivity in a Perovskite-Type Li Ion Conductor: $\hat{\text{A}}$ Prediction from a Molecular Dynamics Simulation of $\text{La}_{0.6}\text{Li}_{0.2}\text{TiO}_3$. <i>Chemistry of Materials</i> , 2002, 14, 3930-3936.	6.9	57

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73	Enhanced piezoelectricity around the tetragonal/orthorhombic morphotropic phase boundary in (Na,K)NbO ₃ –ATiO ₃ solid solutions. Journal of Electroceramics, 2008, 21, 263-266.	1.9	57
74	Dielectric, ferroelectric, and piezoelectric behaviors of AgNbO ₃ –KNbO ₃ solid solution. Journal of Applied Physics, 2009, 106, .	2.3	56
75	Ultrasonic Propagation of a Metallic Domain in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ a Photoinduced Insulator-Metal Transition. Physical Review Letters, 2009, 103, 027402.	8.0	56
76	Switching of the symmetry of magnetic anisotropy in Fe/BaTiO ₃ heterostructures. Applied Physics Letters, 2011, 99, .	3.2	53
77	Elastically controlled magnetic phase transition in Ga-FeRh/BaTiO ₃ (001) heterostructure. Applied Physics Letters, 2014, 104, 022401.	3.2	53
78	Longitudinal Spin Density Wave Order in a Quasi-1D Ising-like Quantum Antiferromagnet. Physical Review Letters, 2008, 101, 207201.	8.0	52
79	Enhancement of Ultrahigh Rate Chargeability by Interfacial Nanodot BaTiO ₃ Treatment on LiCoO ₂ Cathode Thin Film Batteries. Nano Letters, 2019, 19, 1688-1694.	9.4	52
80	Electronic Transport Phenomena of La _{2/3+x} TiO ₃ – \hat{I} (x < 0.2): Metal-Nonmetal Transition by Electron Doping. Journal of Solid State Chemistry, 1994, 113, 281-288.	3.0	51
81	EFFECT OF SUBSTITUTION AND PRESSURE ON LITHIUM ION CONDUCTIVITY IN PEROVSKITES Ln ₁₂ Li ₁₂ TiO ₃ (Ln = La, Pr, Nd AND Sm). Journal of Physics and Chemistry of Solids, 1997, 58, 843-852.	4.0	51
82	Universality in phase diagram of (K,Na)NbO ₃ –MTiO ₃ solid solutions. Applied Physics Letters, 2009, 95, 092905.	3.2	51
83	Molecular Beam Deposition of Nanoscale Ionic Liquids in Ultrahigh Vacuum. ACS Nano, 2010, 4, 5946-5952.	15.1	51
84	Efficient spin injection into GaAs quantum well across Fe ₃ O ₄ spin filter. Applied Physics Letters, 2010, 96, .	3.2	49
85	Structure and magnetic properties of Sr ₂ NiAO ₆ (A = W, Te). Materials Research Bulletin, 2000, 35, 449-457.	5.3	48
86	Improved multiferroic properties in Sm-doped BiFeO ₃ thin films deposited using chemical solution deposition method. Journal of Applied Physics, 2012, 111, .	2.3	48
87	Annealing and pressure effects on structural and ferromagnetic transitions of La _{0.85} Sr _{0.15} MnO ₃ single crystals. Physical Review B, 1997, 55, 14408-14412.	3.3	47
88	Correlation between Magnetic Properties and Mn/Co Atomic Order in LaMn _{0.5} Co _{0.5} O ₃ – \hat{I} : \hat{I} . Second-Order Nature in Mn/Co Atomic Ordering and Valence State. Chemistry of Materials, 2003, 15, 4798-4803.	6.9	47
89	Ideal Soft Mode-Type Quantum Phase Transition and Phase Coexistence at Quantum Critical Point in O ₁₈ -Exchanged SrTiO ₃ . Physical Review Letters, 2007, 99, 017602.	8.0	47
90	Ferroelectric and Magnetic Properties in Room-Temperature Multiferroic Ga _x Fe _{2x} O ₃ Epitaxial Thin Films. Advanced Functional Materials, 2018, 28, 1704789.	16.3	47

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91	Red photoluminescence in praseodymium-doped titanate perovskite films epitaxially grown by pulsed laser deposition. <i>Applied Physics Letters</i> , 2006, 89, 261915.	3.2	46
92	Strain-induced reversible and irreversible magnetization switching in Fe/BaTiO ₃ heterostructures. <i>Journal of Applied Physics</i> , 2012, 111, .	2.3	46
93	Dielectric properties and phase transition mechanisms in Sr _{1-x} BaxTiO ₃ solid solution at low doping concentration. <i>Materials Research Bulletin</i> , 2001, 36, 1693-1701.	5.3	45
94	Electronic properties of the metallic pyrochlore ruthenates Pb ₂ Ru ₂ O _{6.5} and Bi ₂ Ru ₂ O ₇ . <i>Physical Review B</i> , 2006, 73, .	3.3	45
95	Lithium Ion Conductivity in a Perovskite Lanthanum Lithium Titanate Single Crystal. <i>Journal of the Ceramic Society of Japan</i> , 1997, 105, 548-550.	1.3	44
96	Piezoelectric properties of lithium modified silver niobate perovskite single crystals. <i>Applied Physics Letters</i> , 2008, 92, .	3.2	44
97	Lattice distortion under an electric field in BaTiO ₃ piezoelectric single crystal. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 215903.	1.8	44
98	Ferroelectric phase transitions in new Aurivillius oxides: Bi ₂ +2xSr _{1-2x} Nb ₂ +xScxO ₉ . <i>Journal of Materials Chemistry</i> , 2011, 21, 10865.	6.7	44
99	Epitaxial growth of metastable multiferroic AlFeO ₃ film on SrTiO ₃ (111) substrate. <i>Applied Physics Letters</i> , 2014, 104, 082906.	3.2	44
100	Invariant lattice strain and polarization in BaTiO ₃ -CaTiO ₃ ferroelectric alloys. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 052204.	1.8	43
101	Ferroelectricity and electromechanical coupling in (1-x)AgNbO ₃ -xNaNbO ₃ solid solutions. <i>Applied Physics Letters</i> , 2011, 99, .	3.2	42
102	Structural aspects on the variations of electric and magnetic properties of the layered compound system Sr _{n+1} VnO _{3n+1} (n = 1, 2, 3). <i>Solid State Communications</i> , 1991, 80, 545-548.	1.9	41
103	Raman spectra of the ferroelectric phase of SrTi ₁₈ O ₃ : Symmetry and domains below T _c and the origin of the phase transition. <i>Physical Review B</i> , 2006, 74, .	3.3	41
104	Ferromagnetism at the surface of aLaCoO ₃ single crystal observed using scanning SQUID microscopy. <i>Physical Review B</i> , 2007, 75, .	3.3	41
105	Mechanism for suppression of ferroelectricity in Cd _{1-x} CaxTiO ₃ . <i>Physical Review B</i> , 2011, 84, .	3.3	41
106	Magnetic and Electric Properties of La _{1-x} MxRhO ₃ (M = Ca, Sr, and Ba): Hole Doping in 4d _π Orbitals of Rh ³⁺ with Low Spin Configuration. <i>Journal of Solid State Chemistry</i> , 1993, 103, 523-527.	3.0	39
107	Clear correspondence between magnetoresistance and magnetization of epitaxially grown ordered FeRh thin films. <i>Journal of Applied Physics</i> , 2011, 109, .	2.3	39
108	Antiferromagnetic-paramagnetic transitions in longitudinal and transverse magnetic fields in aSrCo ₂ V ₂ O ₈ crystal. <i>Physical Review B</i> , 2006, 73, .	3.3	38

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109	Fractal Dynamics in a Single Crystal of a Relaxor Ferroelectric. <i>Physical Review Letters</i> , 2012, 109, 197601.	8.0	38
110	Solid Reference Electrode of SO_3^{2-} ; Sensor Using β -Alumina Solid Electrolyte. <i>Transactions of the Japan Institute of Metals</i> , 1984, 25, 504-510.	0.5	37
111	The effect of La substitution on the superconductivity of $\text{Ba}_2\text{YCu}_3\text{O}_y$. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 157, 83-88.	1.2	37
112	Electrical properties of BaSnO_3 in substitution of antimony for tin and lanthanum for barium. <i>Journal of Materials Science</i> , 1995, 30, 1556-1560.	3.7	37
113	Valence and spin state of Co and Ni ions and their relation to metallicity and ferromagnetism in $\text{LaCo}_{0.5}\text{Ni}_{0.5}\text{O}_3$. <i>Physical Review B</i> , 2003, 68, .	3.3	37
114	Evidence of Sr-Deficiency in $\text{Bi}_2\text{Sr}_{2-x}\text{Ca}_x\text{Cu}_2\text{O}_8$ and Preparation of Stoichiometric Semiconducting $\text{Bi}_2\text{Sr}_2\text{Ca}_1\text{Cu}_2\text{O}_8$. <i>Japanese Journal of Applied Physics</i> , 1989, 28, L364-L367.	1.6	36
115	Preparation and dielectric characterizations of the novel perovskite-type oxides $(\text{Ln}_{1/2}\text{Na}_{1/2})\text{TiO}_3$ (Ln=Dy, Ho, Er, Tm, Yb, Lu). <i>Solid State Ionics</i> , 1998, 108, 123-128.	2.8	36
116	Mechanism of polarization switching in wurtzite-structured zinc oxide thin films. <i>Applied Physics Letters</i> , 2016, 109, .	3.2	36
117	Flexible $\mu\text{-Fe}_2\text{O}_3$ -Terephthalate Thin-Film Magnets through ALD/MLD. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21912-21921.	8.2	36
118	Simple Method to Obtain Large-Sized Single-Crystalline Oxide Sheets. <i>Advanced Functional Materials</i> , 2020, 30, 2001236.	16.3	36
119	Effects of A-Site Ions on the Phase Transition Temperatures and Dielectric Properties of $(1-x)(\text{Na}_{0.5}\text{K}_{0.5})\text{NbO}_3$ - $x\text{AZrO}_3$ Solid Solutions. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 09ND10.	1.6	36
120	Structural and dielectric studies on the new series of layered compounds, strontium lanthanum scandium oxides. <i>Materials Research Bulletin</i> , 1992, 27, 1193-1203.	5.3	35
121	High- and low-spin transition of Ru^{4+} in the perovskite-related layered system $\text{Sr}_{n+1}\text{Ru}_n\text{O}_{3n+1}$ ($n=1, 2$). <i>TJ ETQq1 1 0,784314</i> rgBT/Ov	3.3	34
122	Collapse of Magnetic Order of the Quasi One-Dimensional Ising-Like Antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$ in Transverse Fields. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 033706.	1.6	34
123	Low-Temperature High-Rate Capabilities of Lithium Batteries via Polarization-Assisted Ion Pathways. <i>Advanced Electronic Materials</i> , 2018, 4, 1700413.	5.3	34
124	Investigation of residual stress in lead-free BNT-based ceramic/ceramic composites. <i>Acta Materialia</i> , 2018, 148, 432-441.	7.9	34
125	On the perovskite-related materials of high dielectric permittivity with small temperature dependence and low dielectric loss. <i>Ferroelectrics</i> , 1997, 196, 205-209.	0.6	33
126	Proportional relation between magnetoresistance and entropy suppression due to magnetic field in metallic ferromagnets. <i>Physical Review B</i> , 2004, 69, .	3.3	33

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127	Isotope effect on the soft-mode dynamics of SrTiO ₃ studied by Raman scattering. Physical Review B, 2005, 72, .	3.3	33
128	Large magnetic anisotropy in the quasi-one-dimensional system BaCo ₂ V ₂ O ₈ . Applied Physics Letters, 2006, 88, 132504.	3.2	33
129	Magnetic properties of the quasi-one-dimensional system BaMn ₂ V ₂ O ₈ . Solid State Communications, 2007, 141, 22-24.	1.9	33
130	Origin of magnetic moments and presence of spin-orbit singlets in BaYrO_6 . Physical Review B, 2018, 98, .	3.3	33
131	Domain state properties of SrTi(16O _{1-x} 18O) ₃ single crystals. Physical Review B, 2000, 62, R731-R734.	3.3	32
132	Ferroelectric BaTaO ₂ N Crystals Grown in a BaCN ₂ Flux. Inorganic Chemistry, 2019, 58, 16752-16760.	4.2	32
133	Preparation and electronic properties of Sr _{2-x} La _x RhO ₄ . Physical Review B, 1994, 49, 5591-5598.	3.3	31
134	Influence of site percolation and local distortion on lithium ion conductivity in perovskite-type oxides La _{0.55} Li _{0.35-x} K _x TiO ₃ and La _{0.55} Li _{0.35} TiO ₃ -KMO ₃ (M = Nb and Ta). Solid State Ionics, 1996, 86-88, 165-169.	2.8	31
135	Hierarchical dielectric orders in layered ferroelectrics Bi ₂ SiO ₅ . IUCrJ, 2014, 1, 160-164.	2.3	31
136	Calorimetric and electrical studies on the positional disorder of lithium ions in lithium lanthanum titanate. Solid State Communications, 1994, 91, 627-630.	1.9	30
137	Polar Order in Quantum Paraelectric SrTi ₁₆ O ₃ and SrTi ₁₈ O ₃ at Low Temperature. Journal of the Physical Society of Japan, 2004, 73, 1139-1142.	1.6	30
138	Pressure as a probe of the physics of 18O-substituted SrTiO ₃ . Physical Review B, 2004, 69, .	3.3	30
139	Unusual Dielectric Relaxation in Lightly Doped n-Type Rhombohedral BaTi _{0.85} Zr _{0.15} O ₃ :Ta Ferroelectric Ceramics. Chemistry of Materials, 2005, 17, 1711-1716.	6.9	30
140	Defect controlled room temperature ferromagnetism in Co-doped barium titanate nanocrystals. Nanotechnology, 2012, 23, 025702.	2.7	30
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