

# Masaki Azuma

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Control of ferroelectric and ferromagnetic domains in BiFe <sub>0.9</sub> Co <sub>0.1</sub> O <sub>3</sub> thin films by utilizing trailing fields. Applied Physics Express, 2022, 15, 023002.	1.1	5
2	Realization of Negative Thermal Expansion in Lead-Free Bi <sub>0.5</sub> K <sub>0.5</sub> VO <sub>3</sub> by the Suppression of Tetragonality. Inorganic Chemistry, 2022, , .	1.9	3
3	Tolerance Factor Control of Tetragonality and Negative Thermal Expansion in PbTiO <sub>3</sub> -Based Ferroelectrics. Chemistry of Materials, 2022, 34, 2798-2803.	3.2	6
4	Sequential Pressure-Induced $B^{1+}$ $B^{2+}$ Transitions in the Anion-Ordered Oxyhydride Ba <sub>2</sub> YHO <sub>3</sub> . Inorganic Chemistry, 2022, 61, 7043-7050.	1.9	1
5	Transformation of Thermal Expansion from Large Volume Contraction to Nonlinear Strong Negative Thermal Expansion in PbTiO <sub>3</sub> -Bi(Co <sub>1-x</sub> Fe <sub>x</sub> )O <sub>3</sub> Perovskites. ACS Applied Materials & Interfaces, 2022, 14, 23610-23616.	4.0	5
6	V <sup>4+</sup> Dimerization and Magnetic State of Cobalt Ions in Ilmenite-Type CoVO <sub>3</sub> . Inorganic Chemistry, 2022, 61, 7841-7846.	1.9	5
7	Large negative thermal expansion induced by cation dimerization in ilmenite-type vanadate ceramic. Applied Physics Letters, 2022, 120, 201901.	1.5	0
8	Exploring the correlation between the spin-state configuration and the magnetic order in Co-substituted $\text{BiFeO}_3$ . Physical Review Materials, 2022, 6, .	0.9	1
9	Temperature-induced structural transition in an organic-inorganic hybrid layered perovskite (MA) <sub>2</sub> PbI <sub>2</sub> Br(SCN) <sub>2</sub> . CrystEngComm, 2022, 24, 5428-5434.	1.3	1
10	Topochemical synthesis of perovskite-type CuNb <sub>2</sub> O <sub>6</sub> with colossal dielectric constant. Journal of Materials Chemistry C, 2021, 9, 13981-13990.	2.7	4
11	Polarization Rotation at Morphotropic Phase Boundary in New Lead-Free Na <sub>1/2</sub> Bi <sub>1/2</sub> V <sub>1-x</sub> Ti <sub>x</sub> O <sub>3</sub> Piezoceramics. ACS Applied Materials & Interfaces, 2021, 13, 5208-5215.	4.0	11
12	Polarization- and Strain-Mediated Control of Negative Thermal Expansion and Ferroelasticity in BiInO <sub>3</sub> -BiZn <sub>1/2</sub> Ti <sub>1/2</sub> O <sub>3</sub> . Chemistry of Materials, 2021, 33, 1498-1505.	3.2	4
13	Observation of novel charge ordering and spin reorientation in perovskite oxide PbFeO <sub>3</sub> . Nature Communications, 2021, 12, 1917.	5.8	17
14	Intermetallic Charge Transfer in V-Substituted PbCrO <sub>3</sub> . Inorganic Chemistry, 2021, 60, 9427-9431.	1.9	1
15	Stabilization of correlated ferroelectric and ferromagnetic domain structures in BiFe <sub>0.9</sub> Co <sub>0.1</sub> O <sub>3</sub> films. Applied Physics Letters, 2021, 119, .	1.5	7
16	High-Pressure and High-Temperature Synthesis of Anion-Disordered Vanadium Perovskite Oxyhydrides. Inorganic Chemistry, 2021, 60, 15751-15758.	1.9	2
17	High-Pressure Synthesis and Lithium-Ion Conduction of Li <sub>4</sub> OBr <sub>2</sub> Derivatives with a Layered Inverse-Perovskite Structure. Chemistry of Materials, 2021, 33, 9194-9201.	3.2	8
18	Lithium Ion Conduction in a Cation-Deficient Quadruple Perovskite LiCuTa <sub>3</sub> O <sub>9</sub> Epitaxial Thin Film: Theoretical and Experimental Investigations. Chemistry of Materials, 2020, 32, 9753-9760.	3.2	1

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19	Reversible thermally controlled spontaneous magnetization switching in perovskite-type manganite. <i>Applied Physics Letters</i> , 2020, 117, 112404.	1.5	3
20	Enhanced Spontaneous Polarization by V <sup>4+</sup> Substitution in a Lead-Free Perovskite CaMnTi <sub>2</sub> O <sub>6</sub> . <i>Inorganic Chemistry</i> , 2020, 59, 11749-11756.	1.9	5
21	Emergence of a Cubic Phase Stabilized by Intermetallic Charge Transfer in (1 - x)Tj <sub>1-x</sub> ETQ <sub>1-x</sub> 1.0.784314 rgBT / Overlock 10 Tf 50 667 T. <i>Applied Physics Letters</i> , 2020, 117, 32, 6892-6897.	3.2	6
22	Stabilized Charge, Spin, and Orbital Ordering by the 6s <sup>2</sup> Lone Pair in Bi <sub>0.5</sub> Pb <sub>0.5</sub> MnO <sub>3</sub> . <i>Inorganic Chemistry</i> , 2020, 59, 13390-13397.	1.9	2
23	Annealing effect on local structure and negative thermal expansion of antiperovskite manganese nitride fine particles. <i>Applied Physics Express</i> , 2020, 13, 075501.	1.1	6
24	Negative Thermal Expansion in Lead-Free La-Substituted Bi <sub>0.5</sub> Na <sub>0.5</sub> VO <sub>3</sub> . <i>Chemistry of Materials</i> , 2020, 32, 4832-4837.	3.2	14
25	High-Brightness Red-Emitting Phosphor La <sub>3</sub> (Si,Al) <sub>6</sub> (O,N) <sub>11</sub> :Ce <sup>3+</sup> for Next-Generation Solid-State Light Sources. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 31652-31658.	4.0	23
26	Stable electric polarization switching accompanied by magnetization reversal in B-site-substituted multiferroic BiFe <sub>0.9</sub> Co <sub>0.1</sub> O <sub>3</sub> thin films. <i>Applied Physics Express</i> , 2020, 13, 071001.	1.1	5
27	Long-term heat-storage ceramics absorbing thermal energy from hot water. <i>Science Advances</i> , 2020, 6, eaaz5264.	4.7	34
28	Sequential Spin State Transition and Intermetallic Charge Transfer in PbCoO <sub>3</sub> . <i>Journal of the American Chemical Society</i> , 2020, 142, 5731-5741.	6.6	35
29	Observation of Stabilized Monoclinic Phase as a "Bridge" at the Morphotropic Phase Boundary between Tetragonal Perovskite PbVO <sub>3</sub> and Rhombohedral BiFeO <sub>3</sub> . <i>Chemistry of Materials</i> , 2020, 32, 3615-3620.	3.2	5
30	Synthesis and microstructure of single-crystalline cobalt oxyhydroxide and topotactic transformation to cobalt oxide. <i>Journal of the American Ceramic Society</i> , 2020, 103, 7240-7246.	1.9	2
31	An electronic structure governed by the displacement of the indium site in In <sup>S<sub>6</sub></sup> octahedra: LnInS <sub>2</sub> (Ln = La, Ce, and Pr). <i>Dalton Transactions</i> , 2019, 48, 12272-12278.	1.6	8
32	Pronounced Negative Thermal Expansion in Lead-Free BiCoO <sub>3</sub> -Based Ferroelectrics Triggered by the Stabilized Perovskite Structure. <i>Chemistry of Materials</i> , 2019, 31, 6187-6192.	3.2	14
33	Robust Giant Tetragonal Distortion Coupled with High-Spin Co <sup>3+</sup> in Electron-Doped BiCoO <sub>3</sub> . <i>Inorganic Chemistry</i> , 2019, 58, 16059-16064.	1.9	9
34	Hydrothermal Synthesis and Crystal Structure of a (Ba <sub>0.54</sub> K <sub>0.46</sub> ) <sub>4</sub> Bi <sub>4</sub> O <sub>12</sub> Double-Perovskite Superconductor with Onset of the Transition T <sub>c</sub> ≈ 30 K. <i>Inorganic Chemistry</i> , 2019, 58, 11997-12001.	1.9	24
35	Direct Observation of Magnetization Reversal by Electric Field at Room Temperature in Co-Substituted Bismuth Ferrite Thin Film. <i>Nano Letters</i> , 2019, 19, 1767-1773.	4.5	23
36	Large Negative Thermal Expansion Induced by Synergistic Effects of Ferroelectrostriction and Spin Crossover in PbTiO <sub>3</sub> -Based Perovskites. <i>Chemistry of Materials</i> , 2019, 31, 1296-1303.	3.2	29

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37	Polarâ€“Nonpolar Phase Transition Accompanied by Negative Thermal Expansion in Perovskite-Type Bi <sub>1-x</sub> Pb <sub>x</sub> NiO <sub>3</sub> . Chemistry of Materials, 2019, 31, 4748-4758.	3.2	21
38	Enhanced tetragonality and large negative thermal expansion in a new Pb/Bi-based perovskite ferroelectric of (1 - x)Tl <sub>2</sub> ETQqO <sub>0.0</sub> rgBT/Overlock 10 Tf 50 702 Td (x)PbTiO <sub>3</sub> â€“Bi(Zn <sub>1/2</sub> V <sub>1/2</sub> Chemistry Frontiers, 2019, 6, 1990-1995.	3.0	8
39	Negative thermal expansion in electron doped PbVO <sub>3</sub> â€“F. Applied Physics Express, 2019, 12, 023005.	1.1	19
40	Stability of Polar Structure in Filling-Controlled Giant Tetragonal Perovskite Oxide PbVO <sub>3</sub> . Inorganic Chemistry, 2019, 58, 2755-2760.	1.9	8
41	Enhanced Negative Thermal Expansion Induced by Simultaneous Charge Transfer and Polarâ€“Nonpolar Transitions. Journal of the American Chemical Society, 2019, 141, 19397-19403.	6.6	30
42	Strain Manipulation of Magnetic Anisotropy in Room-Temperature Ferrimagnetic Quadruple Perovskite CeCu <sub>3</sub> Mn <sub>4</sub> O <sub>12</sub> . ACS Applied Electronic Materials, 2019, 1, 2514-2521.	2.0	5
43	Melting of dxy Orbital Ordering Accompanied by Suppression of Giant Tetragonal Distortion and Insulator-to-Metal Transition in Cr-Substituted PbVO <sub>3</sub> . Chemistry of Materials, 2019, 31, 1352-1358.	3.2	15
44	Hydrothermal Synthesis of Pyrochlore-Type Pentavalent Bismuthates Ca <sub>2</sub> Bi <sub>2</sub> O <sub>7</sub> and Sr <sub>2</sub> Bi <sub>2</sub> O <sub>7</sub> . Inorganic Chemistry, 2019, 58, 1759-1763.	1.9	18
45	Metamagnetism stabilized giant magnetoelectric coupling in ferroelectric xBaTiO <sub>3</sub> â€“(1 - x)BiCoO <sub>3</sub> solid solution. Physical Chemistry Chemical Physics, 2018, 20, 7021-7032.	1.3	8
46	Systematic charge distribution changes in Bi- and Pb-3d transition metal perovskites. Dalton Transactions, 2018, 47, 1371-1377.	1.6	12
47	Large spontaneous polarization in polar perovskites of PbTiO <sub>3</sub> â€“Bi(Zn <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> . Inorganic Chemistry Frontiers, 2018, 5, 1277-1281.	3.0	15
48	Na <sub>1/2</sub> Bi <sub>1/2</sub> VO <sub>3</sub> and K <sub>1/2</sub> Bi <sub>1/2</sub> VO <sub>3</sub> : New Lead-Free Tetragonal Perovskites with Moderate c/a Ratios. Chemistry of Materials, 2018, 30, 6728-6736.	3.2	8
49	Formation of ZnO <sub>4</sub> Tetrahedra and ZnO <sub>6</sub> Octahedra in TeZnO <sub>3</sub> Synthesized under High Pressure. Inorganic Chemistry, 2018, 57, 6716-6721.	1.9	5
50	Optimized negative thermal expansion induced by gradual intermetallic charge transfer in Bi <sub>1-x</sub> Sb <sub>x</sub> NiO <sub>3</sub> . Applied Physics Express, 2018, 11, 061102.	1.1	19
51	Room temperature ferromagnetism in BiFe <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> thin film induced by spin-structure manipulation. Applied Physics Letters, 2018, 112, .	1.5	10
52	Colossal Negative Thermal Expansion in Electronâ€“Doped PbVO <sub>3</sub> Perovskites. Angewandte Chemie - International Edition, 2018, 57, 8170-8173.	7.2	64
53	Colossal Negative Thermal Expansion in Electronâ€“Doped PbVO <sub>3</sub> Perovskites. Angewandte Chemie, 2018, 130, 8302-8305.	1.6	3
54	Ca <sub>2</sub> CuO <sub>2</sub> Cl <sub>2</sub> , a redetermination from single-crystal X-ray diffraction data. IUCrData, 2018, 3, .	0.1	3

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55	Hydrothermal Synthesis, Structure, and Superconductivity of Simple Cubic Perovskite ( $\text{Ba}_{0.62}\text{K}_{0.38}$ )( $\text{Bi}_{0.92}\text{Mg}_{0.08}$ ) $\text{O}_3$ with $T_c \approx 30$ K. <i>Inorganic Chemistry</i> , 2017, 56, 3174-3181.	1.9	26
56	A-Site and B-Site Charge Orderings in an $d$ Level Controlled Perovskite Oxide $\text{PbCoO}_3$ . <i>Journal of the American Chemical Society</i> , 2017, 139, 4574-4581.	6.6	52
57	Ferromagnetism at Room Temperature Induced by Spin Structure Change in $\text{BiFe}_{1-x}\text{Co}_x\text{O}_3$ Thin Films. <i>Advanced Materials</i> , 2017, 29, 1603131.	11.1	45
58	Realization of Large Electric Polarization and Strong Magnetoelectric Coupling in $\text{BiMn}_3\text{Cr}_4\text{O}_{12}$ . <i>Advanced Materials</i> , 2017, 29, 1703435.	11.1	50
59	Colossal Volume Contraction in Strong Polar Perovskites of $\text{Pb}(\text{Ti},\text{V})\text{O}_3$ . <i>Journal of the American Chemical Society</i> , 2017, 139, 14865-14868.	6.6	55
60	Giant negative thermal expansion in Fe-doped layered ruthenate ceramics. <i>Applied Physics Express</i> , 2017, 10, 115501.	1.1	27
61	High-Pressure Synthesis of the Cobalt Pyrochlore Oxide $\text{Pb}_2\text{Co}_2\text{O}_7$ with Large Cation Mixed Occupancy. <i>Inorganic Chemistry</i> , 2017, 56, 11676-11680.	1.9	6
62	Electric-Field-Induced Reorientation of the Magnetic Easy Plane in a Co-Substituted $\text{BiFeO}_3$ Single Crystal. <i>Inorganic Chemistry</i> , 2017, 56, 15171-15177.	1.9	13
63	Hydrothermal synthesis and crystal structure of a new lithium copper bismuth oxide, $\text{LiCuBiO}_4$ . <i>Journal of Solid State Chemistry</i> , 2017, 245, 30-33.	1.4	7
64	Enhanced Piezoelectric Response due to Polarization Rotation in Cobalt-Substituted $\text{BiFeO}_3$ Epitaxial Thin Films. <i>Advanced Materials</i> , 2016, 28, 8639-8644.	11.1	72
65	Glassy Distribution of $\text{Bi}^{3+}/\text{Bi}^{5+}$ in $\text{Bi}_x\text{Pb}_x\text{NiO}_3$ and Negative Thermal Expansion Induced by Intermetallic Charge Transfer. <i>Chemistry of Materials</i> , 2016, 28, 6062-6067.	3.2	31
66	Giant Polarization and High Temperature Monoclinic Phase in a Lead-Free Perovskite of $\text{Bi}(\text{Zn}_{0.5}\text{Ti}_{0.5})\text{O}_3\text{-BiFeO}_3$ . <i>Inorganic Chemistry</i> , 2016, 55, 9513-9516.	1.9	14
67	Temperature-Independent, Large Dielectric Constant Induced by Vacancy and Partial Anion Order in the Oxyfluoride Pyrochlore $\text{Pb}_2\text{Ti}_2\text{O}_6\text{F}_2$ . <i>Chemistry of Materials</i> , 2016, 28, 5554-5559.	3.2	38
68	High-Temperature Monoclinic $Cc$ Phase with Reduced $c/a$ Ratio in Bi-based Perovskite Compound $\text{Bi}_2\text{ZnTi}_2\text{Mn}_2\text{O}_6$ . <i>Inorganic Chemistry</i> , 2016, 55, 6124-6129.	1.9	12
69	High-Pressure Polymorph of $\text{NaBiO}_3$ . <i>Inorganic Chemistry</i> , 2016, 55, 5747-5749.	1.9	7
70	Hydrothermal Synthesis, Crystal Structure, and Superconductivity of a Double-Perovskite Bi Oxide. <i>Chemistry of Materials</i> , 2016, 28, 459-465.	3.2	54
71	Hydrothermal synthesis of a new Bi-based $(\text{Ba}_{0.82}\text{K}_{0.18})(\text{Bi}_{0.53}\text{Pb}_{0.47})\text{O}_3$ superconductor. <i>Journal of Alloys and Compounds</i> , 2015, 634, 208-214.	2.8	38
72	New $\text{PbTiO}_3$ -Type Giant Tetragonal Compound $\text{Bi}_2\text{ZnVO}_6$ and Its Stability under Pressure. <i>Chemistry of Materials</i> , 2015, 27, 2012-2017.	3.2	30

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73	Melting of Pb Charge Glass and Simultaneous Pb <sup>2+</sup> -Cr Charge Transfer in PbCrO <sub>3</sub> as the Origin of Volume Collapse. <i>Journal of the American Chemical Society</i> , 2015, 137, 12719-12728.	6.6	45
74	Structural evolution and enhanced piezoresponse in cobalt-substituted BiFeO <sub>3</sub> thin films. <i>Applied Physics Express</i> , 2014, 7, 091501.	1.1	18
75	Direct phase-sensitive identification of a <i>d</i> -form factor density wave in underdoped cuprates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3026-32.	3.3	198
76	Five-dimensional visualization of phase transition in BiNiO <sub>3</sub> under high pressure. <i>Applied Physics Letters</i> , 2014, 104, 043108.	1.5	18
77	High-pressure cell for neutron diffraction with in situ pressure control at cryogenic temperatures. <i>Review of Scientific Instruments</i> , 2014, 85, 043904.	0.6	7
78	Superconducting Double Perovskite Bismuth Oxide Prepared by a Low-Temperature Hydrothermal Reaction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3599-3603.	7.2	61
79	Superconductivity in Noncentrosymmetric Iridium Silicide Li <sub>2</sub> IrSi <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , 2014, 83, 093706.	0.7	34
80	Absence of Metallic Conductivity in Tetragonal and Cubic PbVO <sub>3</sub> at High Pressure. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 074711.	0.7	15
81	High-pressure synthesis of BaVO <sub>3</sub> : A new cubic perovskite. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 710-712.	1.9	29
82	Intermetallic charge-transfer transition in Bi <sub>1-x</sub> La <sub>x</sub> MnO <sub>3</sub> . <i>Journal of Applied Physics</i> , 2013, 114, 083705.	1.1	31
83	Structure and Magnetic Properties of Bi <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> and Bi <sub>0.9</sub> Sm <sub>0.1</sub> Fe <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> . <i>Inorganic Chemistry</i> , 2013, 52, 10698-10704.	1.9	24
84	Crystal and Magnetic Structure in Co-Substituted BiFeO <sub>3</sub> . <i>Inorganic Chemistry</i> , 2013, 52, 13269-13277.	1.9	71
85	Impact of Mn <sup>2+</sup> -O <sup>2-</sup> -Mn superexchange pathways in a honeycomb lattice Mn oxide with small charge-transfer energy. <i>Solid State Communications</i> , 2013, 162, 18-22.	0.9	4
86	Spin Frustration from <i>cis</i> -Edge or -Corner Sharing Metal-Centered Octahedra. <i>Journal of the American Chemical Society</i> , 2013, 135, 19268-19274.	6.6	27
87	Effect of Oxygen Pressure on Electrical Properties of BiFe <sub>0.9</sub> Co <sub>0.1</sub> O <sub>3</sub> Thin Films Prepared by Pulsed Laser Deposition. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 09KD09.	0.8	2
88	Phonon anomalies and lattice dynamics in the superconducting oxychlorides Ca <sub>2-x</sub> CuO <sub>2</sub> Cl <sub>2</sub> . <i>Physical Review B</i> , 2013, 88, .	1.1	13
89	Tuning negative thermal expansion in Bi <sub>1-x</sub> Ln <sub>x</sub> NiO <sub>3</sub> ( <i>Ln</i> = La, Nd, Eu, Dy). <i>Applied Physics Letters</i> , 2013, 103, .	1.5	43
90	Enhanced ferromagnetic moment in Co-doped BiFeO <sub>3</sub> thin films studied by soft x-ray circular dichroism. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	45

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91	Cu NQR and NMR Studies of Optimally Doped $\text{Ca}_{2-x}\text{Na}_x\text{CuO}_2\text{Cl}_2$ . Journal of the Physical Society of Japan, 2013, 82, 055001.	0.7	0
92	Direct observation of negative thermal expansion in $\text{SrCu}_3\text{Fe}_4\text{O}_{12}$ . Journal of the Ceramic Society of Japan, 2013, 121, 912-914.	0.5	10
93	Ordered magnetic order in an antiferromagnetic honeycomb lattice compound $\text{BiMn}_3$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" <math>\text{BiMn}_3</math> Angle-dependent spectral weight transfer and evidence of a symmetry-broken in-plane charge response in $\text{CaMn}_3$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" <math>\text{CaMn}_3</math>	1.1	18
94	$\text{Na}_{1.9}\text{CuO}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" <math>\text{Na}_{1.9}\text{CuO}</math> Crystal Structural, Magnetic, and Transport Properties of Layered Cobalt Oxyfluorides,	1.1	2
95	$\text{Sr}_2\text{CoO}_3\text{F}$ (0.15). Inorganic Chemistry, 2012, 51, 4802-4809.	1.9	21
96	Polarization Rotation in the Monoclinic Perovskite $\text{BiCo}_1\text{Fe}_1\text{O}_3$ . Angewandte Chemie - International Edition, 2012, 51, 7977-7980.	7.2	47
97	Visualization of the emergence of the pseudogap state and the evolution to superconductivity in a lightly hole-doped Mott insulator. Nature Physics, 2012, 8, 534-538.	6.5	105
98	Morphology effects of $\text{Co}_3\text{O}_4$ nanocrystals catalyzing CO oxidation in a dry reactant gas stream. Catalysis Science and Technology, 2011, 1, 920.	2.1	65
99	Multiferroic Compounds with Double-Perovskite Structures. Materials, 2011, 4, 153-168.	1.3	109
100	A new spin on frustration. Nature Chemistry, 2011, 3, 758-759.	6.6	7
101	Electronic and Structural Properties of ABO <sub>3</sub> : Role of the B-O Coulomb Repulsions for Ferroelectricity. Materials, 2011, 4, 260-273.	1.3	22
102	One-pot hydrothermal synthesis of uniformly cubic $\text{Co}_3\text{O}_4$ nanocrystals. Materials Letters, 2010, 64, 239-242.	1.3	45
103	Single crystal growth and structure of $\text{La}_4\text{Cu}_3\text{MoO}_{12}$ . Journal of Solid State Chemistry, 2010, 183, 551-556.	1.4	7
104	Disordered Ground State and Magnetic Field-Induced Long-Range Order in an $\text{S}_3\text{Mn}_2$ Honeycomb Lattice Compound. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" <math>\text{S}_3\text{Mn}_2</math> <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" <math>\text{BiMn}_3</math> Physical Review Letters, 2010, 105, 187201.	2.9	81
105	Pressure-Induced Spin-State Transition in $\text{BiCoO}_3$ . Journal of the American Chemical Society, 2010, 132, 9438-9443.	6.6	161
106	Synthesis, Structure, and Physical Properties of <i>A</i> -site Ordered Perovskites $\text{Cu}_3\text{Co}_4\text{O}_{12}$ ( <i>A</i> = Ca and Y). Chemistry of Materials, 2010, 22, 5328-5332.	3.2	37
107	Direct observation of the pressure-induced charge redistribution in $\text{BiNiO}_3$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" <math>\text{BiNiO}_3</math> Metallic versus insulating behavior in the $\text{A}_3\text{Mn}_2$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" <math>\text{A}_3\text{Mn}_2</math>	1.1	34
108	<i>A</i> -site ordered perovskite oxides $\text{Cu}_3\text{A}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" <math>\text{Cu}_3\text{A}</math> Physical Review B, 2009, 80, .	1.1	51

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109	Composition control and thickness dependence of {100}-oriented epitaxial BiCoO <sub>3</sub> â€“BiFeO <sub>3</sub> films grown by metalorganic chemical vapor deposition. <i>Journal of Applied Physics</i> , 2009, 105, 061620.	1.1	17
110	Coherence Factors in a High- <i>T<sub>c</sub></i> Cuprate Probed by Quasi-Particle Scattering Off Vortices. <i>Science</i> , 2009, 323, 923-926.	6.0	113
111	Temperature-induced Aâ€“B intersite charge transfer in an A-site-ordered LaCu <sub>3</sub> Fe <sub>4</sub> O <sub>12</sub> perovskite. <i>Nature</i> , 2009, 458, 60-63.	13.7	357
112	Effect of Zn substitution for Cu on near the hole concentration of per Cu. <i>Physica B: Condensed Matter</i> , 2009, 404, 713-716.	1.3	3
113	Synthesis and Physical Properties of Double Perovskite Pb <sub>2</sub> FeReO <sub>6</sub> . <i>Inorganic Chemistry</i> , 2009, 48, 5962-5966.	1.9	14
114	Pressure-Induced Transformation of 6H Hexagonal to 3C Perovskite Structure in PbMnO <sub>3</sub> . <i>Inorganic Chemistry</i> , 2009, 48, 2285-2288.	1.9	36
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