

Yuichi Shimakawa

List of Publications by Year in descending order

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297
papers

13,134
citations

25034

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30087

103
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328
all docs

328
docs citations

328
times ranked

9940
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical control and protonation of the strontium iron oxide SrFeO ₃ by using proton-conducting electrolyte. Applied Physics Letters, 2022, 120, .	3.3	7
2	Triaxial magnetic anisotropy and Morin transition in Fe_2O_3 epitaxial films characterized by spin Hall magnetoresistance. Applied Physics Letters, 2022, 120, 112403.	3.3	1
3	Topotactic Oxygen Release and Incorporation in AFeO ₃ with Fe ⁴⁺ , AFeO _{2.5} with Fe ³⁺ , and AFeO ₂ with Fe ²⁺ (A = Ca and Tj) $\text{ETQ}_{1.1} \text{O}_{0.784314} \text{rgB}$ Solid State Science and Technology, 2022, 11, 043004.	1.8	2
4	LiNbO ₃ -type Polar Antiferromagnet InVO ₃ Synthesized under High-Pressure Conditions. Angewandte Chemie - International Edition, 2022, , .	13.8	1
5	Oxygen Release and Incorporation Behaviors Influenced by A-Site Cation Order/Disorder in LaCa ₂ Fe ₃ O ₉ with Unusually High Valence Fe ^{3.67+} . Chemistry of Materials, 2022, 34, 345-350.	6.7	4
6	In situ manipulation of perpendicular magnetic anisotropy in half-metallic NiCo ₂ O ₄ thin film by proton insertion. Japanese Journal of Applied Physics, 2022, 61, SM1002.	1.5	6
7	Unexpectedly Large Contribution of Oxygen to Charge Compensation Triggered by Structural Disorder: Detailed Experimental and Theoretical Study on a Li ₃ NbO ₄ -NiO Binary System. ACS Central Science, 2022, 8, 775-794.	11.3	10
8	Field-free superconducting diode effect in noncentrosymmetric superconductor/ferromagnet multilayers. Nature Nanotechnology, 2022, 17, 823-828.	31.5	45
9	Charge Transfer between Fe and Ti Induced by Ln Substitution and Temperature in the B-Site-Disordered Perovskites Ln ₂ (FeTi)O ₆ (Ln = La, Pr, and Nd). Bulletin of the Chemical Society of Japan, 2022, 95, 1011-1015.	3.2	1
10	Pauli-paramagnetic and metallic properties of high pressure polymorphs of BaRhO ₃ oxides containing Rh ₂ O ₉ dimers. Dalton Transactions, 2021, 50, 4673-4679.	3.3	2
11	Preparation of iron(IV) nitridoferrate Ca ₄ FeN ₄ through azide-mediated oxidation under high-pressure conditions. Nature Communications, 2021, 12, 571.	12.8	9
12	Substitutional tuning of electronic phase separation in $\text{Ca}_{1-x}\text{Fe}_x\text{O}_5$. Physical Review Materials, 2021, 5, .	2.4	3
13	Colossal Barocaloric Effect by Large Latent Heat Produced by First-Order Intersite-Charge-Transfer Transition. Advanced Functional Materials, 2021, 31, 2009476.	14.9	21
14	Charge and spin degrees of freedom in A-site ordered $\text{YCu}_3\text{O}_{12}$ and YCu_3O_8 . Physical Review B, 2021, 103, .	3.2	8
15	3D to 2D Magnetic Ordering of Fe ³⁺ Oxides Induced by Their Layered Perovskite Structure. Inorganic Chemistry, 2021, 60, 8027-8034.	4.0	2
16	Tuning magnetic anisotropy by continuous composition-gradients in a transition metal oxide. Journal of Applied Physics, 2021, 129, .	2.5	6
17	Investigation of the upper critical field in artificially engineered Nb/V/Ta superlattices. Japanese Journal of Applied Physics, 2021, 60, 060902.	1.5	3
18	Giant multiple caloric effects in charge transition ferrimagnet. Scientific Reports, 2021, 11, 12682.	3.3	6

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19	Integrated sensing array of the perovskite-type LnFeO_3 ($\text{Ln} = \text{La, Pr, Nd, Sm}$) to discriminate detection of volatile sulfur compounds. <i>Journal of Hazardous Materials</i> , 2021, 413, 125380.	12.4	22
20	Spin reorientation in tetragonally distorted spinel oxide NiCo_2O_4 epitaxial films. <i>Physical Review B</i> , 2021, 104, .	3.2	12
21	Ultrafast demagnetization in NiCo_2O_4 thin films probed by time-resolved microscopy. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	8
22	Layered Hexagonal Perovskite Oxides $\text{Ba}_7\text{Fe}_5\text{Ge}_2\text{O}_{20}$ and $12\text{H Ba}_6\text{Fe}_3\text{Ge}_3\text{O}_{17}$. <i>Inorganic Chemistry</i> , 2021, 60, 1257-1263.	4.0	1
23	Scaling of the anomalous Hall effect in perpendicularly magnetized epitaxial films of the ferrimagnet Ni_2O_4 . <i>Physical Review B</i> , 2021, 104, .	3.2	12
24	Geometrical Spin Frustration and Monoclinic-Distortion-Induced Spin Canting in the Double Perovskites $\text{Ln}_2\text{LiFeO}_6$ ($\text{Ln} = \text{La, Nd, Sm, and Eu}$) with Unusually High Valence Fe^{5+} . <i>Journal of the American Chemical Society</i> , 2021, 143, 19207-19213.	13.7	7
25	Slow oxidation of magnetite nanoparticles elucidates the limits of the Verwey transition. <i>Nature Communications</i> , 2021, 12, 6356.	12.8	10
26	Multi- k spin ordering in $\text{CaFe}_3\text{O}_{12}$ stabilized by spin-orbit coupling and further-neighbor exchange. <i>Physical Review Research</i> , 2021, 3, .	3.6	3
27	Conversion of a Defect Pyrochlore into a Double Perovskite via High-Pressure, High-Temperature Reduction of Te_6 . <i>Inorganic Chemistry</i> , 2020, 59, 343-349.	4.0	3
28	Oxygen Reduction Reaction Catalytic Activities of Pure Ni-Based Perovskite-Related Structure Oxides. <i>Chemistry of Materials</i> , 2020, 32, 8694-8699.	6.7	14
29	Ruddlesden-Popper phases of lithium-hydroxide-halide antiperovskites: two dimensional Li-ion conductors. <i>RSC Advances</i> , 2020, 10, 41816-41820.	3.6	6
30	Spin and orbital magnetic moments in perpendicularly magnetized Ni_2O_4 . <i>Physical Review B</i> , 2021, 104, .	3.2	12
31	Perpendicular magnetic tunnel junctions based on half-metallic NiCo_2O_4 . <i>Applied Physics Letters</i> , 2020, 117, .	3.3	26
32	Charge disproportionation and interchange transitions in twelve-layer BaFe_3O_9 . <i>Physical Review B</i> , 2020, 102, .	3.2	8
33	Controllable Magnetic Proximity Effect and Charge Transfer in 2D Semiconductor and Double-Layered Perovskite Manganese Oxide van der Waals Heterostructure. <i>Advanced Materials</i> , 2020, 32, e2003501.	21.0	20
34	Metallic transport properties and electrostatic resistance modulations in LaNiO_3 ultrathin channels electrochemically etched in electric-double-layer transistors. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	3
35	Extraction of the local coordination and electronic structures of FeO_6 octahedra using crystal field multiplet calculations combined with STEM-EELS. <i>Applied Physics Letters</i> , 2020, 117, 132902.	3.3	3
36	Influence of oxygen vacancies on magnetic properties of perpendicularly magnetized NiCo_2O_4 epitaxial thin films. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	21

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37	Fe ₃ C cluster-promoted single-atom Fe, N doped carbon for oxygen-reduction reaction. Physical Chemistry Chemical Physics, 2020, 22, 7218-7223.	2.8	17
38	Tuning of ferrimagnetism and perpendicular magnetic anisotropy in NiC ₂ epitaxial films by the cation distribution. Physical Review B, 2020, 101, .	3.2	33
39	Crystal structures and ionic conductivity in Li ₂ OHX (X = Cl, Br) antiperovskites. Journal of Solid State Chemistry, 2020, 286, 121263.	2.9	28
40	Field-sweep-rate and time dependence of transverse resistivity anomalies in ultrathin SrRu ₃ films. Physical Review B, 2020, 101, .	3.2	12
41	Successive and Site-Selective Oxygen Release from B-Site-Layer-Ordered Double Perovskite Ca ₂ FeMnO ₆ with Unusually High Valence Fe ⁴⁺ . Inorganic Chemistry, 2020, 59, 2024-2029.	4.0	3
42	Electric field induced modulation of transverse resistivity anomalies in ultrathin SrRu ₃ epitaxial films. Physical Review B, 2020, 101, .	3.2	8
43	Influence of deposition rate on magnetic properties of inverse-spinel NiCo ₂ O ₄ epitaxial thin films grown by pulsed laser deposition. Japanese Journal of Applied Physics, 2020, 59, 110905.	1.5	11
44	Orbital Magnetic Moments in Strained SrRuO ₃ Thin Films. Journal of the Physical Society of Japan, 2019, 88, 084708.	1.6	4
45	Selective growth of Fe ₂ O ₃ , Fe ₃ O ₄ and Fe ₃ O ₄ at low temperatures and under ambient pressure. Japanese Journal of Applied Physics, 2019, 58, 095504.	1.5	11
46	Multiferroism Induced by Spontaneous Structural Ordering in Antiferromagnetic Iron Perovskites. Chemistry of Materials, 2019, 31, 5993-6000.	6.7	7
47	Strain effect on thermoelectric properties of SrRuO ₃ epitaxial thin films. Applied Physics Letters, 2019, 115, .	3.3	14
48	How to Make Dense and Flat Perovskite Layers for >20% Efficient Solar Cells: Oriented, Crystalline Perovskite Intermediates and Their Thermal Conversion. Bulletin of the Chemical Society of Japan, 2019, 92, 1972-1979.	3.2	17
49	Crystal structure and magnetic and transport properties in strained La _{0.5} Sr _{0.5} Co ₂ thin films. Physical Review B, 2019, 100, 040407.	3.2	11
50	Charge transitions in perovskite oxides containing unusually high-valent Fe. Chemical Communications, 2019, 55, 3690-3696.	4.1	11
51	Structure-property relations in AgBi ₂ I ₄ compounds: potential Pb-free absorbers in solar cells. Journal of Materials Chemistry A, 2019, 7, 5583-5588.	10.3	25
52	Direct observation of the partial valence transition of Cu in the A-site ordered LaCu ₃ Fe ₄ O ₁₂ by soft X-ray absorption spectroscopy. Physica B: Condensed Matter, 2019, 568, 92-95.	2.7	6
53	Negative thermal expansion in high pressure layered perovskite Ca ₂ GeO ₄ . Chemical Communications, 2019, 55, 2984-2987.	4.1	8
54	Spin order in the charge disproportionated phases of the A-site layer ordered triple perovskite LaCa ₂ Fe ₃ O ₉ . Physical Review B, 2018, 97, .	3.2	5

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55	Charge Disproportionation in $\text{Sr}_{0.5}\text{Bi}_{0.5}\text{FeO}_3$ Containing Unusually High Valence $\text{Fe}^{3.5+}$. Inorganic Chemistry, 2018, 57, 843-848.	4.0	5
56	Atomic Level Engineering of Structural and Functional Properties of Transition Metal Oxides. Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2018, 65, 255-260.	0.2	0
57	High Pressure Synthesis and Physical Properties of $\text{Sr}_{0.5}\text{Ca}\text{Bi}_{0.5}\text{FeO}_3$. Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2018, 65, 269-273.	0.2	1
58	Nanoscale oxygen ion dynamics in $\text{SrFeO}_{2.5}$ epitaxial thin films. Applied Physics Letters, 2018, 113, .	3.3	6
59	Alternative to the topological interpretation of the transverse resistivity anomalies in SrRuO_3 . Physical Review B, 2018, 98, .	6.7	9
60	Unusual Ferromagnetic Metal: A-Site-Layer-Ordered Double Perovskite YBaCo_2O_6 with Unusually High Valence $\text{Co}^{3.5+}$. Chemistry of Materials, 2018, 30, 8702-8706.	6.7	9
61	Growth-temperature-dependent coalescence determines structural phase of mist-chemical-vapor-deposition-grown SnO_2 thin films. Journal of Applied Physics, 2018, 124, 125303.	2.5	6
62	Oxygen octahedral distortions in compressively strained SrRuO_3 epitaxial thin films. Journal of Applied Physics, 2018, 123, 235303.	2.5	12
63	Hexagonal Perovskite $\text{Ba}_4\text{Fe}_3\text{NiO}_{12}$ Containing Tetravalent Fe and Ni Ions. Inorganic Chemistry, 2018, 57, 10410-10415.	4.0	7
64	Suppression of Sequential Charge Transitions in $\text{Ca}_{0.5}\text{Bi}_{0.5}\text{FeO}_3$ via B-Site Cobalt Substitution. Chemistry of Materials, 2018, 30, 5493-5499.	6.7	0
65	Defect-Induced Anomalous Transverse Resistivity in an Itinerant Ferromagnetic Oxide. Physica Status Solidi (B): Basic Research, 2018, 255, 1800175.	1.5	24
66	Negative and positive thermal expansion-like volume changes due to intermetallic charge transfer based on an ionic crystal model of transition-metal oxides. APL Materials, 2018, 6, .	5.1	9
67	Crystal Structures at Atomic Resolution of the Perovskite-Related GdBaMnFeO_5 and Its Oxidized GdBaMnFeO_6 . Inorganic Chemistry, 2017, 56, 1412-1417.	4.0	7
68	Two Charge Ordering Patterns in the Topochemically Synthesized Layer-Structured Perovskite $\text{LaCa}_2\text{Fe}_3\text{O}_9$ with Unusually High Valence $\text{Fe}^{3.67+}$. Inorganic Chemistry, 2017, 56, 3695-3701.	4.0	11
69	Influence of cation off-stoichiometry on structural and transport properties of $(\text{Ba},\text{La})\text{SnO}_3$ epitaxial thin films grown by pulsed laser deposition. Journal of Applied Physics, 2017, 121, .	2.5	14
70	Successive Charge Transitions of Unusually High Valence $\text{Fe}^{3.5+}$: Charge Disproportionation and Intermetallic Charge Transfer. Angewandte Chemie - International Edition, 2017, 56, 4243-4246. http://www.w3.org/1998/Math/MathML G-type antiferromagnetic order in the metallic oxide	13.8	13
71	Realization of Large Electric Polarization and Strong Magnetoelectric Coupling in $\text{BiMn}_3\text{Cr}_4\text{O}_{12}$. Advanced Materials, 2017, 29, 1703435.	3.2	10
72		21.0	50

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73	Solvent-Coordinated Tin Halide Complexes as Purified Precursors for Tin-Based Perovskites. ACS Omega, 2017, 2, 7016-7021.	3.5	85
74	Charge and spin order in $C_{2/m}$ $A_{1-x}B_x$ $Fe_{1-x}Mn_xO_3$ perovskites. Physical Review B, 2017, 96, 040407.	3.2	6
75	Successive Charge Transitions of Unusually High Valence $Fe^{3.5+}$: Charge Disproportionation and Intermetallic Charge Transfer. Angewandte Chemie, 2017, 129, 4307-4310.	2.0	3
76	Melting of Oxygen Vacancy Order at Oxide/Heterostructure Interface. ACS Applied Materials & Interfaces, 2017, 9, 30143-30148.	8.0	19
77	Electric-field-induced modulation of the anomalous Hall effect in a heterostructured itinerant ferromagnet $SrRuO_3$. Physical Review B, 2017, 96, 040407.	3.2	19
78	2:1 Charge disproportionation in perovskite-structure oxide $La_{1/3}Ca_{2/3}FeO_3$ with unusually-high-valence $Fe^{3.67+}$. Journal of Solid State Chemistry, 2017, 246, 199-202.	2.9	11
79	New ordered perovskite-structure oxides synthesized by high-pressure technique. Journal of Physics: Conference Series, 2017, 950, 032022.	0.4	0
80	Direct Observation and Engineering of Oxygen Coordination Environments in Oxide Heterostructures. Funtai Oyobi Fummatsum Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2016, 63, 829-834.	0.2	0
81	Orbital magnetic moments in $SrRuO_3$ epitaxial thin films with interfacially controlled magnetic anisotropy. Physical Review B, 2016, 94, 040407.	3.2	15
82	Characterization of domain structure in one-dimensional $SrRuO_3$ nanostructure using synchrotron x-ray microdiffraction. AIP Conference Proceedings, 2016, 1688, 020001.	0.4	8
83	Overpotential-Induced Introduction of Oxygen Vacancy in $La_{0.67}Sr_{0.33}MnO_3$ Surface and Its Impact on Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2016, 120, 6006-6010.	3.1	37
84	Charge and spin order in the perovskite $CaF_xMn_{1-x}O_3$. Physical Review B, 2016, 94, 040407.	3.2	6
85	Interfacially Engineered Oxygen Octahedral Rotations and their Impact on Strain-Induced Coherency Grown $SrRuO_3$ films. Physical Review B, 2016, 94, 040407.	3.2	18
86	From Tetrahedral to Octahedral Iron Coordination: Layer Compression in Topochemically Prepared $FeLa_2Ti_3O_{10}$. Inorganic Chemistry, 2016, 55, 11529-11537.	4.0	2
87	Two-Step Suppression of Charge Disproportionation in $CaCu_3Fe_4O_{12}$ under High Pressure. Journal of the Physical Society of Japan, 2016, 85, 034716.	1.6	7
88	A Layered Double Perovskite Ca_2FeMnO_6 with Unusually High Valence Fe^{4+} Obtained by Low-Temperature Topotactic Oxidation. Funtai Oyobi Fummatsum Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2016, 63, 605-608.	0.2	2
89	Determination of Elemental Ratio in an Atomic Column by Electron Energy Loss Spectroscopy. ACS Nano, 2016, 10, 6680-6684.	14.6	7
90	Geometrical Spin Frustration of Unusually High Valence Fe^{5+} in the Double Perovskite La_2LiFeO_6 . Inorganic Chemistry, 2016, 55, 6218-6222.	4.0	12

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91	Ferromagnetism Induced by Substitution of the Iron(IV) Ion by an Unusual High-Valence Nickel(IV) Ion in Antiferromagnetic SrFeO ₃ . <i>Angewandte Chemie</i> , 2016, 128, 1382-1385.	2.0	6
92	Ferromagnetism Induced by Substitution of the Iron(IV) Ion by an Unusual High-Valence Nickel(IV) Ion in Antiferromagnetic SrFeO ₃ . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1360-1363.	13.8	18
93	Tuning magnetic anisotropy by interfacially engineering the oxygen coordination environment in a transition metal oxide. <i>Nature Materials</i> , 2016, 15, 432-437.	27.5	202
94	Resistive switching properties of epitaxial BaTiO ₃ thin films tuned by after-growth oxygen cooling pressure. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 197-204.	2.8	29
95	Superexchange interaction in the site ordered perovskite $\text{YMn}_3\text{O}_{12}$. <i>Physical Review Letters</i> , 2015, 115, 087601.	3.2	12
96	Observation of Magnetoelectric Multiferroicity in a Cubic Perovskite System: $\text{LaMn}_3\text{O}_{12}$. <i>Physical Review Letters</i> , 2015, 115, 087601.	3.2	12
97	Ca ₂ FeMnO ₆ : A Layered Double Perovskite with Unusual High-Valence Fe ⁴⁺ in a Layered Arrangement. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 657-661.	3.2	16
98	Research Update: Interface-engineered oxygen octahedral tilts in perovskite oxide heterostructures. <i>APL Materials</i> , 2015, 3, .	5.1	15
99	B23-P-06 Local electronic structure Analysis for brownmillerite CaFeMnO _{2.5} . <i>Microscopy (Oxford, England)</i> , 2015, 64, i114.2-i114.	1.5	0
100	Electronic structure of BaFeO ₃ studied by X-ray spectroscopy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2015, 12, 818-821.	0.8	10
101	Synthesis of Novel Functional Oxide Materials using High Pressures. <i>Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2015, 62, 289-296.	0.2	2
102	Two-Dimensional Charge Disproportionation of the Unusual High Valence State Fe ⁴⁺ in a Layered Double Perovskite. <i>Journal of the American Chemical Society</i> , 2015, 137, 7468-7473.	13.7	39
103	Optical and transport properties of transparent conducting La-doped SrSnO ₃ thin films. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 455106.	2.8	62
104	Crystal and magnetic structures of CaCu ₃ Fe ₄ O ₁₂ and LaCu ₃ Fe ₄ O ₁₂ : distinct charge transitions of unusual high valence Fe. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 504006.	2.8	41
105	Strain-induced significant increase in metal-insulator transition temperature in oxygen-deficient Fe oxide epitaxial thin films. <i>Scientific Reports</i> , 2015, 5, 7894.	3.3	20
106	One-Dimensional Oxygen Diffusion Mechanism in Sr ₂ ScGaO ₅ Electrolyte Explored by Neutron and Synchrotron Diffraction, ¹⁷ O NMR, and Density Functional Theory Calculations. <i>Journal of Physical Chemistry C</i> , 2015, 119, 11447-11458.	3.1	12
107	Phase control of a perovskite transition-metal oxide through oxygen displacement at the heterointerface. <i>Dalton Transactions</i> , 2015, 44, 10594-10607.	3.3	10
108	Influence of cation off-stoichiometry on transport properties of metal/Nb-SrTiO ₃ junctions. <i>Journal of Applied Physics</i> , 2015, 117, 205305.	2.5	0

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109	Unit-cell thick BaTiO ₃ blocks octahedral tilt propagation across oxide heterointerface. Journal of Applied Physics, 2014, 115, .	2.5	16
110	Symmetry-breaking 60Å ^o -spin order in the A-site-ordered perovskite $\text{LaMn}_3\text{V}_4\text{O}_{12}$. Physical Review B, 2014, 90, .	3.2	9
111	Strong Dependence of Oxygen Octahedral Distortions in SrRuO ₃ Films on Types of Substrate-Induced Epitaxial Strain. Crystal Growth and Design, 2014, 14, 6478-6485.	3.0	23
112	Control of Structural Distortions in Transition-Metal Oxide Films through Oxygen Displacement at the Heterointerface. Advanced Functional Materials, 2014, 24, 5177-5184.	14.9	45
113	A half-metallic A- and B-site-ordered quadruple perovskite oxide CaCu ₃ Fe ₂ Re ₂ O ₁₂ with large magnetization and a high transition temperature. Nature Communications, 2014, 5, 3909.	12.8	83
114	Order-Disorder Transition Involving the A-Site Cations in $\text{Ln}_{3+\text{Mn}_3\text{V}_4\text{O}_{12}}$ Perovskites. Inorganic Chemistry, 2014, 53, 594-599.	4.0	18
115	Control of L-type Ferrimagnetism by the Ce/Vacancy Ordering in the A-Site-Ordered Perovskite $\text{Ce}_{1/2}\text{Cu}_3\text{Ti}_4\text{O}_{12}$. Inorganic Chemistry, 2014, 53, 1578-1584.	4.0	6
116	Multiple magnetic interactions in A-site-ordered perovskite-structure oxides. Journal of Physics Condensed Matter, 2014, 26, 473203.	1.8	19
117	Low-temperature reduction of brownmillerite $\text{CaFeO}_{2.5}$ in $\text{LaAlO}_3/\text{CaFeO}_{2.5}$ heterostructures made on SrTiO ₃ . Dalton Transactions, 2014, 43, 14596-14599.	3.3	1
118	Temperature-Induced Intersite Charge Transfer Involving Cr ions in A-Site-Ordered Perovskites $\text{ACu}_3\text{Cr}_4\text{O}_{12}$ (A=La and Y). Chemistry - A European Journal, 2014, 20, 9510-9513.	3.3	19
119	Band-to-band photoluminescence as a probe of electron carriers in Nb-doped SrTiO ₃ epitaxial thin films. Applied Physics Express, 2014, 7, 015503.	2.4	3
120	B-Cation Order Control of Magnetism in the 1322 Perovskite $\text{CaCu}_3\text{Fe}_2\text{Nb}_2\text{O}_{12}$. Chemistry of Materials, 2014, 26, 4832-4837.	6.7	33
121	High-pressure synthesis of BaVO ₃ : A new cubic perovskite. Journal of Physics and Chemistry of Solids, 2014, 75, 710-712.	4.0	29
122	Octahedral Tilt Propagation Controlled by A-Site Cation Size at Perovskite Oxide Heterointerfaces. Crystal Growth and Design, 2014, 14, 2128-2132.	3.0	46
123	High-Concentration Na Doping of SrRuO ₃ and CaRuO ₃ . Inorganic Chemistry, 2014, 53, 4579-4584.	4.0	14
124	Multiple magnetic interactions in ordered perovskite-structure oxides. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C981-C981.	0.1	1
125	Frustration relieved ferrimagnetism in novel A- and B-site-ordered quadruple perovskite. Dalton Transactions, 2013, 42, 10116.	3.3	25
126	Solid Solutions of Pauli-Paramagnetic $\text{CaCu}_3\text{V}_4\text{O}_{12}$ and Antiferromagnetic $\text{CaMn}_3\text{V}_4\text{O}_{12}$. Inorganic Chemistry, 2013, 52, 10610-10614.	4.0	7

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127	Thickness-Dependent Structure-Property Relationships in Strained (110) SrRuO ₃ Thin Films. <i>Advanced Functional Materials</i> , 2013, 23, 1129-1136.	14.9	59
128	Magnetocaloric effect of field-induced ferromagnet BaFeO ₃ . <i>Journal of Applied Physics</i> , 2013, 114, 073901.	2.5	19
129	Valence Change of A ²⁺ -Site Mn by A-Site Doping in La _{1-x} Na _x Mn ₃ Ti ₄ O ₁₂ . <i>Chemistry of Materials</i> , 2013, 25, 178-183.	6.7	18
130	Transient behavior in Pt/Nb-doped SrTiO ₃ Schottky junctions. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	22
131	Crystal and Magnetic Structure in Co-Substituted BiFeO ₃ . <i>Inorganic Chemistry</i> , 2013, 52, 13269-13277.	4.0	71
132	Gas phase contributions to topochemical hydride reduction reactions. <i>Journal of Solid State Chemistry</i> , 2013, 207, 190-193.	2.9	20
133	Impact of Mn-O-Mn superexchange pathways in a honeycomb lattice Mn oxide with small charge-transfer energy. <i>Solid State Communications</i> , 2013, 162, 18-22.	1.9	4
134	Site-Selective Doping Effect in AMn ₃ V ₄ O ₁₂ (A = Na ⁺), <i>Tj ETQq 0 0 rgBT /Overlock</i>	13.7	41
135	Nonmagnetic spin-singlet dimer formation and coupling to the lattice in the 6H perovskite Ba ₃ CaRu ₂ O ₉ . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 496008.	1.8	15
136	Atomic level observation of octahedral distortions at the perovskite oxide heterointerface. <i>Scientific Reports</i> , 2013, 3, 2214.	3.3	144
137	Tuning negative thermal expansion in Bi _{1-x} LnxNiO ₃ (Lnx = La, Nd, Eu, Dy). <i>Applied Physics Letters</i> , 2013, 103, .	3.3	43
138	Enhanced ferromagnetic moment in Co-doped BiFeO ₃ thin films studied by soft x-ray circular dichroism. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	45
139	Epitaxial strain effect in tetragonal SrRuO ₃ thin films. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	57
140	Anisotropic in-plane lattice strain relaxation in brownmillerite SrFeO _{2.5} epitaxial thin films. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	13
141	Oxygen Incorporation into Infinite-layer Structure A ₂ FeO ₂ (A = Sr or Ca). <i>Chemistry Letters</i> , 2013, 42, 732-734.	1.3	8
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