

Yutaka Moritomo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Insulator-metal transition and giant magnetoresistance in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Physical Review B</i> , 1995, 51, 14103-14109.	3.2	2,677
2	Giant magnetoresistance of manganese oxides with a layered perovskite structure. <i>Nature</i> , 1996, 380, 141-144.	27.8	1,179
3	A First-Order Phase Transition Induced by a Magnetic Field. <i>Science</i> , 1995, 270, 961-963.	12.6	895
4	Magnetic-field-induced metal-insulator phenomena in $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ with controlled charge-ordering instability. <i>Physical Review B</i> , 1996, 53, R1689-R1692.	3.2	848
5	Giant Magnetotransport Phenomena in Filling-Controlled Kondo Lattice System: $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Journal of the Physical Society of Japan</i> , 1994, 63, 3931-3935.	1.6	771
6	Collapse of a Charge-Ordered State under a Magnetic Field in $\text{Pr}_{1/2}\text{Sr}_{1/2}\text{MnO}_3$. <i>Physical Review Letters</i> , 1995, 74, 5108-5111.	7.8	717
7	A structural phase transition induced by an external magnetic field. <i>Nature</i> , 1995, 373, 407-409.	27.8	651
8	Direct Observation of Charge and Orbital Ordering in $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$. <i>Physical Review Letters</i> , 1998, 80, 1932-1935.	7.8	542
9	Magnetic and electronic properties in hole-doped manganese oxides with layered structures: $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$. <i>Physical Review B</i> , 1995, 51, 3297-3300.	3.2	356
10	Pressure effects on charge-ordering transitions in Perovskite manganites. <i>Physical Review B</i> , 1997, 55, 7549-7556.	3.2	351
11	Charge and Magnetic Order in $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$. <i>Physical Review Letters</i> , 1996, 76, 2169-2172.	7.8	293
12	Competing Instabilities and Metastable States in $(\text{Nd},\text{Sm})_{1/2}\text{Sr}_{1/2}\text{MnO}_3$. <i>Physical Review Letters</i> , 1996, 76, 3184-3187.	7.8	281
13	Magnetism and structural distortion in the $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ metallic ferromagnet. <i>Physical Review B</i> , 1996, 53, 14285-14290.	3.2	254
14	Origins of colossal magnetoresistance in perovskite-type manganese oxides (invited). <i>Journal of Applied Physics</i> , 1996, 79, 5288.	2.5	241
15	Pressure effect on the double-exchange ferromagnet $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ (0.15 $\leq x \leq$ 0.5). <i>Physical Review B</i> , 1995, 51, 16491-16494.	3.2	235
16	Antiferromagnetic Short Range Order in a Two-Dimensional Manganite Exhibiting Giant Magnetoresistance. <i>Physical Review Letters</i> , 1997, 78, 3197-3200.	7.8	226
17	Anomalous Magnetotransport Properties of $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Journal of the Physical Society of Japan</i> , 1995, 64, 3626-3630.	1.6	225
18	Structural basis for the fast phase change of $\text{Ge}_2\text{Sb}_2\text{Te}_5$: Ring statistics analogy between the crystal and amorphous states. <i>Applied Physics Letters</i> , 2006, 89, 201910.	3.3	225

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19	k-Dependent Electronic Structure, a Large δ -Ghost-Fermi Surface, and a Pseudogap in a Layered Magnetoresistive Oxide. <i>Physical Review Letters</i> , 1998, 81, 192-195.	7.8	192
20	A sodium manganese ferrocyanide thin film for Na-ion batteries. <i>Chemical Communications</i> , 2013, 49, 2750.	4.1	162
21	Striction-Coupled Magnetoresistance in Perovskite-Type Manganese Oxides. <i>Science</i> , 1996, 272, 80-82.	12.6	151
22	Nanomagnetic Droplets and Implications to Orbital Ordering in $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. <i>Physical Review Letters</i> , 2006, 96, 027201.	7.8	149
23	Magnetostructural phase transitions in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ with controlled carrier density. <i>Physical Review B</i> , 1996, 54, 1716-1723.	3.2	148
24	Antiferromagnetic metallic state in the heavily doped region of perovskite manganites. <i>Physical Review B</i> , 1998, 58, 5544-5549.	3.2	146
25	Antiferromagnetic metallic state in doped manganites. <i>Physical Review B</i> , 1998, 57, R5594-R5597.	3.2	143
26	Electronic structure of double-perovskite transition-metal oxides. <i>Physical Review B</i> , 2000, 61, R7827-R7830.	3.2	141
27	Visible-Light-Induced Reversible Photomagnetism in Rubidium Manganese Hexacyanoferrate. <i>Chemistry of Materials</i> , 2008, 20, 423-428.	6.7	128
28	Relation between Crystal and Magnetic Structures of Layered Manganite $\text{La}_{2-2x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ ($0.30 \leq x \leq 0.50$). <i>Journal of the Physical Society of Japan</i> , 2000, 69, 1606-1609.	1.6	124
29	Thermoelectric effect in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Physical Review B</i> , 1996, 53, R2952-R2955.	3.2	122
30	Mechanism of superconductivity in the polyhedral-network compound $\text{Ba}_8\text{Si}_4\text{6}$. <i>Nature Materials</i> , 2003, 2, 653-655.	27.5	121
31	Electronic phase diagram and phase separation in Cr-doped manganites. <i>Physical Review B</i> , 1999, 60, 9220-9223.	3.2	116
32	Thermal rectification in bulk materials with asymmetric shape. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	104
33	Neutron-Diffraction Studies on the Magnetic Ordering Process in the Layered Mn Perovskite $\text{La}_{2-2x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ ($x=0.40, 0.45$ and 0.48). <i>Journal of the Physical Society of Japan</i> , 1998, 67, 3380-3383.	1.6	103
34	Cobalt Hexacyanoferrate as Cathode Material for Na ⁺ Secondary Battery. <i>Applied Physics Express</i> , 2013, 6, 025802.	2.4	103
35	Direct Observation of Orbital Order in Manganites by MEM Charge-Density Study. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 2190-2193.	1.6	90
36	Spectra of one-dimensional excitons in polysilanes with various backbone conformations. <i>Physical Review B</i> , 1993, 47, 4363-4371.	3.2	86

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37	Independent Freezing of Charge and Spin Dynamics in $\text{La}_{1.5}\text{Sr}_{0.5}\text{CoO}_4$. <i>Physical Review Letters</i> , 2000, 85, 4353-4356.	7.8	86
38	Highly efficient tin perovskite solar cells achieved in a wide oxygen concentration range. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2760-2768.	10.3	85
39	Charge Ordering in the Geometrically Frustrated Spinel AlV_2O_4 . <i>Journal of the Physical Society of Japan</i> , 2001, 70, 1456-1459.	1.6	84
40	X-ray diffractometry for the structure determination of a submicrometre single powder grain. <i>Journal of Synchrotron Radiation</i> , 2009, 16, 352-357.	2.4	82
41	Interplay of the CE-Type Charge Ordering and the A-Type Spin Ordering in Half-Doped Bilayer Manganite $\text{LaSr}_2\text{Mn}_2\text{O}_7$. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 2202-2205.	1.6	81
42	Enhanced battery performance in manganese hexacyanoferrate by partial substitution. <i>Electrochimica Acta</i> , 2016, 210, 963-969.	5.2	81
43	Spin Incommensurability and Two Phase Competition in Cobaltites. <i>Physical Review Letters</i> , 2006, 97, 235501.	7.8	79
44	Electron doping effects in conducting $\text{Sr}_2\text{FeMoO}_6$. <i>Physical Review B</i> , 2000, 62, 14224-14228.	3.2	78
45	Thin Film Electrode of Prussian Blue Analogue for Li-ion Battery. <i>Applied Physics Express</i> , 2011, 4, 047101.	2.4	77
46	Neutron scattering studies on magnetic structure of the double-layered manganite $\text{La}_{2-x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ ($0.30 \leq x \leq 0.50$). <i>Journal of Physics and Chemistry of Solids</i> , 1999, 60, 1161-1164.	4.0	74
47	Crystal and Magnetic Structure of Conducting Double Perovskite $\text{Sr}_2\text{FeMoO}_6$. <i>Journal of the Physical Society of Japan</i> , 2000, 69, 1723-1726.	1.6	74
48	Temperature-dependent pseudogaps in colossal magnetoresistive oxides. <i>Physical Review B</i> , 2000, 62, 1039-1043.	3.2	73
49	Magnetization-dependent behaviors of interband transitions between the exchange-split bands in doped manganite films. <i>Physical Review B</i> , 1997, 56, 5088-5091.	3.2	72
50	Optical Reflectivity Spectra Measured on Cleaved Surfaces of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$: Evidence Against Extremely Small Drude Weight. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 1828-1831.	1.6	70
51	Symmetry Switch of Cobalt Ferrocyanide Framework by Alkaline Cation Exchange. <i>Journal of the American Chemical Society</i> , 2010, 132, 12206-12207.	13.7	68
52	Fast discharge process of layered cobalt oxides due to high Na^+ diffusion. <i>Scientific Reports</i> , 2015, 5, 9006.	3.3	68
53	Universal thermal response of the Prussian blue lattice. <i>Physical Review B</i> , 2009, 79, .	3.2	66
54	Quantum phase transition in $\text{K}_3\text{D}_{1-x}\text{H}_x(\text{SO}_4)_2$. <i>Physical Review Letters</i> , 1993, 71, 2833-2836.	7.8	65

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55	Organic hydrogen-bonded dielectrics: Quantum paraelectricity based on tautomerization of 9-hydroxyphenalenone derivatives. <i>Journal of Chemical Physics</i> , 1994, 101, 7971-7974.	3.0	65
56	Structural Change at Metal-Insulator Transition of Tb ₂ Ba ₂ Co ₄ O ₁₁ . <i>Journal of the Physical Society of Japan</i> , 2001, 70, 3577-3580.	1.6	65
57	Quantum paraelectricity and subsequent disappearance of bond alternation of molecule caused by proton dynamics in squaric acid crystal. <i>Physical Review Letters</i> , 1991, 67, 2041-2044.	7.8	61
58	Atomic scale imaging of magnetic circular dichroism by achromatic electron microscopy. <i>Nature Materials</i> , 2018, 17, 221-225.	27.5	60
59	Structural Transition Induced by Charge-Transfer in RbMn[Fe(CN) ₆] – Investigation by Synchrotron-Radiation X-ray Powder Analysis. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 2078-2081.	1.6	59
60	Observation of Anomalous Single-Magnon Scattering in Half-Metallic Ferromagnets by Chemical Pressure Control. <i>Physical Review Letters</i> , 2000, 85, 3914-3917.	7.8	54
61	Barely metallic states with enhanced carrier mass in Y _{1-x} Ca _x TiO ₃ . <i>Physical Review B</i> , 1993, 48, 14063-14066.	3.2	52
62	Spectroscopic evidence for formation of small polarons in doped manganites. <i>Physical Review B</i> , 1998, 58, R4281-R4284.	3.2	52
63	Photoinduced phase transition in a mixed-valence gold complex. <i>Physical Review B</i> , 2000, 61, 20-23.	3.2	51
64	Pressure/temperature/substitution-induced melting of A-site charge disproportionation in Bi _{1-x} La _x NiO ₃ (0 ≤ x ≤ 0.5). <i>Physical Review B</i> , 2005, 72, .	3.2	51
65	Coherent Domain Growth under Photo-Excitation in a Prussian Blue Analogue. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 987-990.	1.6	50
66	High-Efficiency Tin Halide Perovskite Solar Cells: The Chemistry of Tin (II) Compounds and Their Interaction with Lewis Base Additives during Perovskite Film Formation. <i>Solar Rrl</i> , 2021, 5, .	5.8	50
67	Excited states of one-dimensional excitons in polysilanes as investigated by two-photon spectroscopy. <i>Physical Review B</i> , 1991, 43, 14746-14749.	3.2	45
68	Melting of charge/orbital ordered states in Nd _{1/2} Sr _{1/2} MnO ₃ : Temperature and magnetic-field-dependent optical studies. <i>Physical Review B</i> , 2000, 62, 481-487.	3.2	45
69	Thermal Rectification in the Vicinity of a Structural Phase Transition. <i>Applied Physics Express</i> , 2012, 5, 027302.	2.4	45
70	Mn-Substitution Effects on MgB ₂ Superconductor. <i>Journal of the Physical Society of Japan</i> , 2001, 70, 1889-1891.	1.6	44
71	Magnetic-field-induced insulator-metal phenomena in perovskite manganese oxides. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 263, 544-549.	1.2	41
72	Competition between the antiferromagnetic charge-ordered and ferromagnetic states in doped manganites. <i>Physical Review B</i> , 1999, 60, 10374-10377.	3.2	41

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73	Reconstruction of the electronic structure in half-metallic CoS ₂ . Physical Review B, 1999, 59, R7793-R7796.	3.2	41
74	Electronic Structure of Layered Perovskite LaSrMO ₄ (M=Cr, Mn, Fe and Co). Journal of the Physical Society of Japan, 1995, 64, 4117-4120.	1.6	40
75	Effects of B-Site Disorder in Sr ₂ FeMoO ₆ with Double Perovskite Structure. Japanese Journal of Applied Physics, 2001, 40, L672-L674.	1.5	40
76	Electronic phase diagram of valence-controlled cyanide: $\text{Na}_{1.32}\text{Mn}[\text{Fe}(\text{CN})_6]_{0.83}\text{O}$ Physical Review B, 2008, 77, .	3.2	40
77	Influence of Quasi-Bi-Stripe Charge Order on Resistivity and Magnetism in the Bilayer Manganite La _{2-2x} Sr _{1+2x} Mn ₂ O ₇ . Journal of the Physical Society of Japan, 2000, 69, 1986-1989.	1.6	39
78	Disorder effects in half-metallic Sr ₂ FeMoO ₆ single crystals. Applied Physics Letters, 2009, 94, .	3.3	39
79	Thin Film Electrodes of Prussian Blue Analogues with Rapid Li ⁺ Intercalation. Applied Physics Express, 2012, 5, 041801.	2.4	38
80	Redox Reactions in Prussian Blue Analogue Films with Fast Na ⁺ Intercalation. Japanese Journal of Applied Physics, 2013, 52, 090202.	1.5	38
81	Cubic-Rhombohedral Structural Phase Transition in Na _{1.32} Mn[Fe(CN) ₆] _{0.83} ·3.6H ₂ O. Journal of the Physical Society of Japan, 2011, 80, 074608.	1.6	37
82	Phase separation and insulator-metal behavior of doped manganites. Physical Review B, 2000, 62, 3883-3887.	3.2	35
83	Layered-Type Antiferromagnetic State in Double-Layered Manganites: (La _{1-z} Ndz) _{2-2x} Sr _{1+2x} Mn ₂ O ₇ . Journal of the Physical Society of Japan, 1998, 67, 405-408.	1.6	33
84	Spin dynamical properties of the layered perovskite La _{1.2} Sr _{1.8} Mn ₂ O ₇ . Journal of Physics and Chemistry of Solids, 1999, 60, 1165-1168.	4.0	33
85	High-field magnetization and magnetoresistance of La _{0.5} Sr _{1.5} MnO ₄ . Physical Review B, 1999, 59, 11151-11154.	3.2	33
86	Electronic Structure of Hole-Doped Transition Metal Cyanides. Journal of the Physical Society of Japan, 2010, 79, 044710.	1.6	33
87	Isotope Effect on the Dielectric Phase Transitions of 5-Bromo-9-Hydroxyphenalenone. Journal of the Physical Society of Japan, 1995, 64, 1892-1895.	1.6	33
88	Orbital and Charge Ordering in LaSr ₂ Mn ₂ O ₇ Observed by Resonant X-Ray Scattering. Journal of the Physical Society of Japan, 2000, 69, 2731-2734.	1.6	32
89	Electronic structure of hole-doped Co-Fe cyanides: $\text{Na}_{1.60}\text{Mn}[\text{Co}(\text{CN})_6]_{0.84}\text{O}$ Physical Review B, 2008, 78, .	3.2	32
90	Fast Carrier Formation from Acceptor Exciton in Low-Gap Organic Photovoltaic. Applied Physics Express, 2012, 5, 042302.	2.4	32

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91	Ferromagnetic Spin-Ordering in Photo-active RbMn[Fe(CN) ₆]. Journal of the Physical Society of Japan, 2003, 72, 456-457.	1.6	30
92	Doping-Induced Structural Phase Transition in Na _{1.6-x} Co[Fe(CN) ₆] _{0.90} 2.9H ₂ O. Journal of the Physical Society of Japan, 2009, 78, 074602.	1.6	30
93	Lattice effects on the charge-ordering transition in R _{0.5} Sr _{1.5} MnO ₄ . Physical Review B, 1997, 56, 14879-14882.	3.2	29
94	Size Dependent Cation Channel in Nanoporous Prussian Blue Lattice. Applied Physics Express, 0, 2, 085001.	2.4	29
95	Structural, Electronic, and Electrochemical Properties of Li _x Co[Fe(CN) ₆] _{0.90} 2.9H ₂ O. Japanese Journal of Applied Physics, 2013, 52, 044301.	1.5	29
96	Fullerene mixing effect on carrier formation in bulk-hetero organic solar cell. Scientific Reports, 2015, 5, 9483.	3.3	29
97	High-Spin Ions. Journal of the Physical Society of Japan, 2002, 71, 2609-2612.	1.6	28
98	Time-Resolved Investigation of Nanosecond Crystal Growth in Rapid-Phase-Change Materials: Correlation with the Recording Speed of Digital Versatile Disc Media. Applied Physics Express, 0, 1, 045001.	2.4	28
99	Ultrafast cation intercalation in nanoporous nickel hexacyanoferrate. Chemical Communications, 2014, 50, 12941-12943.	4.1	28
100	Impurity-induced ferromagnetism and impurity states in Nd ₁₋₂ Ca ₁₋₂ (Mn _{0.95} Mo _{0.05})O ₃ . Physical Review B, 2004, 69, .	3.2	26
101	Demonstration of the thermally induced high spin to low spin transition for a transparent spin crossover complex film [Fe(II)(H-trz) ₃]-Nafion (trz=triazole). Polyhedron, 2005, 24, 2909-2912.	2.2	26
102	On-off optical switching of the magnetic and structural properties in a spin-crossover complex. Applied Physics Letters, 2007, 90, 201902.	3.3	26
103	Photoinduced Phase Transition and Relaxation Behavior in a Spin-Crossover Fe (II) Complex Nafion [Fe(Htrz) ₃] Film. Journal of the Physical Society of Japan, 2001, 70, 2521-2524.	1.6	25
104	Role of the proton tunneling in the phase transition of K ₃ D _{1-x} H _x (SO ₄) ₂ . Journal of Low Temperature Physics, 1995, 99, 55-70.	1.4	24
105	Orbital and Charge Ordering in La _{1-x} Sr _{1+x} MnO ₄ (0.4 ≤ x ≤ 0.5). Journal of the Physical Society of Japan, 2001, 70, 1194-1197.	1.6	24
106	Neutron Structural analysis of La _{1-x} Sr _x MnO ₃ —Variation of One-Electron Bandwidth W with Hole Doping. Journal of the Physical Society of Japan, 2003, 72, 709-712.	1.6	24
107	Control of the alkali cation alignment in Prussian blue framework. Dalton Transactions, 2012, 41, 7620.	3.3	24
108	Na ⁺ diffusion kinetics in nanoporous metal-hexacyanoferrates. Dalton Transactions, 2016, 45, 458-461.	3.3	24

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109	Structural Parameters of LaCoO ₃ near the Spin State Transition. Journal of the Physical Society of Japan, 2001, 70, 3296-3299.	1.6	23
110	Low-Temperature Structure of [Fe(ptz) ₆](BF ₄) ₂ Determination by Synchrotron-Radiation X-ray Powder Study. Journal of the Physical Society of Japan, 2002, 71, 1015-1018.	1.6	23
111	Invariant nature of substituted element in metal-hexacyanoferrate. Scientific Reports, 2017, 7, 13225.	3.3	23
112	Fe-site Substitution Effects on Conductive Ferromagnet Sr ₂ FeMoO ₆ . Journal of the Physical Society of Japan, 2001, 70, 3182-3183.	1.6	22
113	Electric pressure-induced ferromagnetism mediated by Prussian blue junction. Applied Physics Letters, 2009, 94, 043502.	3.3	22
114	Exciton-to-Carrier Conversion Processes in a Low-Band-Gap Organic Photovoltaic. Japanese Journal of Applied Physics, 2013, 52, 062405.	1.5	22
115	Structural Properties of Manganese Hexacyanoferrates against Li Concentration. Japanese Journal of Applied Physics, 2013, 52, 017301.	1.5	21
116	Organic paraelectrics resulting from tautomerization coupled with proton-transfer. Solid State Communications, 1992, 83, 665-668.	1.9	20
117	Bandwidth- and Doping-Dependent Pressure Effects on the Ferromagnetic Transition in Perovskite Manganites. Journal of the Physical Society of Japan, 1997, 66, 556-559.	1.6	20
118	Pressure-Induced Phase Transition in Mn ₃ O ₄ as Investigated by Raman Spectroscopy. Journal of the Physical Society of Japan, 2002, 71, 2820-2821.	1.6	20
119	Electrical and magnetic properties of R ₂ Mo ₂ O ₇ (R=Nd, Sm, Gd and Dy). Physica B: Condensed Matter, 2003, 328, 90-94.	2.7	20
120	Cooperative formation of high-spin species in a photoexcited spin-crossover complex. Physical Review B, 2006, 73, .	3.2	20
121	Structural Phase Diagram of Mn ²⁺ Fe Cyanide against Cation Concentration. Journal of the Physical Society of Japan, 2011, 80, 103601.	1.6	20
122	Thermal power generation during heat cycle near room temperature. Applied Physics Express, 2018, 11, 017101.	2.4	20
123	Electron spin relaxation in CMR manganites: absence of critical acceleration. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 256-258.	2.3	19
124	Dynamical Phase Transition in a Spin-Crossover Complex. Journal of the Physical Society of Japan, 2003, 72, 1615-1618.	1.6	19
125	Role of the intermediate state in the photoinduced process of Co ²⁺ Fe cyanide. Physical Review B, 2007, 75, .	3.2	19
126	Dynamics of charge-transfer pairs in the cyano-bridged compound. Physical Review B, 2008, 77, .	1.9	19

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127	Two-Electron Reaction without Structural Phase Transition in Nanoporous Cathode Material. Journal of Nanotechnology, 2012, 2012, 1-8.	3.4	19
128	Hysteretic Magnetoresistance in $\text{Nd}_{1-x}\text{Sr}_x\text{MnO}_3$ Films with Controlled Carrier Density. Japanese Journal of Applied Physics, 1996, 35, L489-L492.	1.5	18
129	Phase Separation and Destabilization of the Charge-Ordered State in Cr-Doped Manganites. Journal of the Physical Society of Japan, 2001, 70, 267-271.	1.6	18
130	Resonant inelastic x-ray scattering study of the hole-doped manganites $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ($x=0.2, 0.4$). Physical Review B, 2004, 70, .	3.2	18
131	Sodium ion diffusion in layered Na_xMnO_2 (0.49 $\leq x \leq$ 0.75): Comparison with Na_xCoO_2 . Applied Physics Express, 2014, 7, 067101.	2.4	18
132	Electronic structure of poly(dihexylgermane): A comparison with poly(dihexylsilane). Physical Review B, 1992, 45, 8752-8755.	3.2	17
133	Neutron Investigation of $\text{Tb}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x \approx 0.5$). Journal of the Physical Society of Japan, 2001, 70, 3739-3746.	1.6	17
134	High-Pressure Structural Analysis of Fe_3O_4 . Journal of the Physical Society of Japan, 2002, 71, 3092-3093.	1.6	17
135	High-Pressure Structural Analysis of Mn_3O_4 . Journal of the Physical Society of Japan, 2003, 72, 765-766.	1.6	17
136	Pressure-Induced Octahedral Rotation in $\text{RbMn}[\text{Fe}(\text{CN})_6]$. Journal of the Physical Society of Japan, 2009, 78, 013602.	1.6	17
137	Energy harvesting thermocell with use of phase transition. Scientific Reports, 2020, 10, 1813.	3.3	17
138	Room-Temperature Photoswitching in $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ Film. Japanese Journal of Applied Physics, 2000, 39, L670-L672.	1.5	16
139	Spectroscopic investigation of the dynamical behavior of the photoinduced phase transition of $\text{Na}_{0.6}\text{Co}_{1.3}[\text{Fe}(\text{CN})_6] \cdot 4\text{H}_2\text{O}$. Physical Review B, 2005, 72, .	3.2	16
140	Quick Response of All Solid Electrochromic Device. Applied Physics Express, 2009, 2, 105502.	2.4	16
141	Anisotropic thermoelectric properties associated with dimensional crossover in quasi-one-dimensional SrNbO_3 . $\frac{3.2}{3.4} \times 16 = 16$	3.2	16
142	Sodium Ion Diffusion in Layered Na_xCoO_2 . Applied Physics Express, 2013, 6, 097101.	2.4	16
143	Synchrotron-Radiation X-Ray Investigation of Li_x/Na_x Intercalation into Prussian Blue Analogues. Advances in Materials Science and Engineering, 2013, 2013, 1-17.	1.8	16
144	Volume effect of organic solvent on electrochemical Seebeck coefficient of $[\text{Fe}(\text{CN})_6]^{4-}/[\text{Fe}(\text{CN})_6]^{3-}$ in water. Japanese Journal of Applied Physics, 2020, 59, 037001.	1.5	16

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145	Scaling Relation between Electrochemical Seebeck Coefficient for Fe ²⁺ /Fe ³⁺ in Organic Solvent and Its Viscosity. Journal of the Physical Society of Japan, 2021, 90, 033602.	1.6	16
146	Charge density study under high pressure. Journal of Physics and Chemistry of Solids, 2004, 65, 1973-1976.	4.0	15
147	Pressure-induced Spin State Transition in Co ^{II} Fe Cyanide. Journal of the Physical Society of Japan, 2004, 73, 2759-2762.	1.6	15
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