

# Tomioka Yasuhide

## List of Publications by Citations

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#	Paper	IF	Citations
153	A First-Order Phase Transition Induced by a Magnetic Field. <i>Science</i> , <b>1995</b> , 270, 961-963	33.3	823
152	Magnetic-field-induced metal-insulator phenomena in Pr <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> with controlled charge-ordering instability. <i>Physical Review B</i> , <b>1996</b> , 53, R1689-R1692	3.3	809
151	Collapse of a charge-ordered state under a magnetic field in Pr <sub>1/2</sub> Sr <sub>1/2</sub> MnO <sub>3</sub> . <i>Physical Review Letters</i> , <b>1995</b> , 74, 5108-5111	7.4	670
150	A structural phase transition induced by an external magnetic field. <i>Nature</i> , <b>1995</b> , 373, 407-409	50.4	597
149	Control of the electronic phase of a manganite by mode-selective vibrational excitation. <i>Nature</i> , <b>2007</b> , 449, 72-4	50.4	418
148	Interplane Tunneling Magnetoresistance in a Layered Manganite Crystal. <i>Science</i> , <b>1996</b> , 274, 1698-701	33.3	413
147	Visualization of the local insulator-metal transition in Pr <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> . <i>Science</i> , <b>1998</b> , 280, 1925-8	33.3	319
146	Competing instabilities and metastable states in (Nd,Sm) <sub>1/2</sub> Sr <sub>1/2</sub> MnO <sub>3</sub> . <i>Physical Review Letters</i> , <b>1996</b> , 76, 3184-3187	7.4	266
145	Nonlinear phononics as an ultrafast route to lattice control. <i>Nature Physics</i> , <b>2011</b> , 7, 854-856	16.2	249
144	Metallic ordered double-perovskite Sr <sub>2</sub> CrReO <sub>6</sub> with maximal Curie temperature of 635 K. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 328-330	3.4	248
143	Random potential effect near the bicritical region in perovskite manganites as revealed by comparison with the ordered perovskite analogs. <i>Physical Review Letters</i> , <b>2003</b> , 90, 177203	7.4	221
142	Anomalous Magnetotransport Properties of Pr <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , <b>1995</b> , 64, 3626-3630	1.5	208
141	Structural and electronic properties of the ordered double perovskites A <sub>2</sub> MReO <sub>6</sub> (A=Sr,Ca; M=Mg,Sc,Cr,Mn,Fe,Co,Ni,Zn). <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	170
140	Unprecedented anisotropic metallic state in undoped iron arsenide BaFe <sub>2</sub> As <sub>2</sub> revealed by optical spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 12238-42	11.5	158
139	Global phase diagram of perovskite manganites in the plane of quenched disorder versus one-electron bandwidth. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	153
138	Magnetostructural phase transitions in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> with controlled carrier density. <i>Physical Review B</i> , <b>1996</b> , 54, 1716-1723	3.3	141
137	Striction-Coupled Magnetoresistance in Perovskite-Type Manganese Oxides. <i>Science</i> , <b>1996</b> , 272, 80-82	33.3	136

136	Coherent orbital waves in the photo-induced insulator-metal dynamics of a magnetoresistive manganite. <i>Nature Materials</i> , <b>2007</b> , 6, 643-7	27	130
135	Evolution of the optical spectrum with doping in Ba(Fe $_{1-x}$ Co $_x$ ) $_2$ As $_2$ . <i>Physical Review B</i> , <b>2010</b> , 81,	3-3	116
134	Single Crystal Growth and Characterization of the Iron-Based Superconductor KFe $_2$ As $_2$ Synthesized by KAs Flux Method. <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 124713	1.5	104
133	Bicritical features of the metal-insulator transition in bandwidth-controlled manganites: Single crystals of Pr $_{1-x}$ (Ca $_1-x$ Sr $_x$ )MnO $_3$ . <i>Physical Review B</i> , <b>2002</b> , 66,	3-3	104
132	Colossal magnetoresistance without phase separation: disorder-induced spin glass state and nanometer scale orbital-charge correlation in half doped manganites. <i>Physical Review Letters</i> , <b>2004</b> , 93, 227202	7-4	95
131	Orbital-order-induced metal-insulator transition in La(1-x)Ca(x)MnO $_3$ . <i>Physical Review Letters</i> , <b>2003</b> , 90, 066403	7-4	90
130	Resonant x-ray diffraction of the magnetoresistant perovskite Pr $_{0.6}$ Ca $_{0.4}$ MnO $_3$ . <i>Physical Review B</i> , <b>2004</b> , 69,	3-3	88
129	Soft x-ray resonant diffraction study of magnetic and orbital correlations in a manganite near half doping. <i>Physical Review Letters</i> , <b>2004</b> , 92, 237204	7-4	87
128	Anisotropy of the in-plane resistivity of underdoped Ba(Fe(1-x)Co(x)) $_2$ As $_2$ superconductors induced by impurity scattering in the antiferromagnetic orthorhombic phase. <i>Physical Review Letters</i> , <b>2013</b> , 110, 207001	7-4	86
127	Magnetic-Field-Induced Metal-Insulator Transition in Pr $_{0.7}$ Ca $_{0.3}$ MnO $_3$ . <i>Journal of the Physical Society of Japan</i> , <b>1996</b> , 65, 1043-1052	1.5	86
126	Ultrafast photoinduced insulator-ferromagnet transition in the perovskite manganite Gd $_{0.55}$ Sr $_{0.45}$ MnO $_3$ . <i>Physical Review Letters</i> , <b>2007</b> , 99, 207401	7-4	82
125	Metal-insulator transition of ferromagnetic ordered double perovskites: (Sr $_{1-x}$ Ca $_x$ ) $_2$ FeReO $_6$ . <i>Physical Review B</i> , <b>2002</b> , 65,	3-3	82
124	Stripe-type charge ordering in the metallic A-type antiferromagnet Pr $_{0.5}$ Sr $_{0.5}$ MnO $_3$ . <i>Physical Review B</i> , <b>2002</b> , 66,	3-3	81
123	magnetic dispersion and anisotropy in multiferroic BiFeO $_3$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 067205	7-4	79
122	Complete Fermi surface in BaFe $_2$ As $_2$ observed via Shubnikov-de Haas oscillation measurements on detwinned single crystals. <i>Physical Review Letters</i> , <b>2011</b> , 107, 176402	7-4	74
121	New phase transition in the Pr $_{1-x}$ Ca $_x$ MnO $_3$ system: evidence for electrical polarization in charge ordered manganites. <i>Physical Review Letters</i> , <b>2008</b> , 100, 155702	7-4	74
120	Multicritical phase diagram of the electronic states in Sm $_{1-x}$ Sr $_x$ MnO $_3$ (0.3. <i>Physical Review B</i> , <b>2006</b> , 74,	3-3	71
119	Photoinduced spin dynamics in La $_{0.6}$ Sr $_{0.4}$ MnO $_3$ observed by time-resolved magneto-optical Kerr spectroscopy. <i>Physical Review B</i> , <b>2003</b> , 68,	3-3	64

- 118 Pseudogap formation above the superconducting dome in iron pnictides. *Physical Review B*, **2014**, 89, 3-3 63
- 117 Dependence of carrier doping on the impurity potential in transition-metal-substituted FeAs-based superconductors. *Physical Review Letters*, **2013**, 110, 107007 7-4 63
- 116 Manifestations of multiple-carrier charge transport in the magnetostructurally ordered phase of BaFe<sub>2</sub>As<sub>2</sub>. *Physical Review B*, **2011**, 84, 3-3 63
- 115 Reentrant Transition of the Charge-Ordered State in Perovskite Manganites. *Journal of the Physical Society of Japan*, **1997**, 66, 302-305 1-5 61
- 114 Critical control of competition between metallic ferromagnetism and charge/orbital correlation in single crystals of perovskite manganites. *Physical Review B*, **2003**, 68, 3-3 61
- 113 Effect of Co doping on the in-plane anisotropy in the optical spectrum of underdoped Ba(Fe<sub>1-x</sub>Co<sub>x</sub>)<sub>2</sub>As<sub>2</sub>. *Physical Review Letters*, **2012**, 109, 217003 7-4 60
- 112 Quadrupolar effect in the perovskite manganite La<sub>1-x</sub>Sr<sub>x</sub>MnO<sub>3</sub>. *Physical Review B*, **2000**, 62, 15012-15020, 3 58
- 111 Ultrafast magnetization dynamics of antiferromagnetic compounds. *Journal Physics D: Applied Physics*, **2008**, 41, 164005 3 56
- 110 Charge/orbital ordering in perovskite manganites. *Journal of Alloys and Compounds*, **2001**, 326, 27-35 5-7 48
- 109 Multicritical end point of the first-order ferromagnetic transition in colossal magnetoresistive manganites. *Physical Review Letters*, **2008**, 101, 037206 7-4 44
- 108 Charge-orbital ordering near the multicritical point in A-site ordered perovskites SmBaMn<sub>2</sub>O<sub>6</sub> and NdBaMn<sub>2</sub>O<sub>6</sub>. *Physical Review B*, **2004**, 70, 3-3 44
- 107 Growth of Highly Insulating Bulk Single Crystals of Multiferroic BiFeO<sub>3</sub> and Their Inherent Internal Strains in the Domain-Switching Process. *Crystal Growth and Design*, **2011**, 11, 5139-5143 3-5 43
- 106 Thermoelectric Power in Transition-Metal Monosilicides. *Journal of the Physical Society of Japan*, **2007**, 76, 093601 1-5 43
- 105 Displacive lattice excitation through nonlinear phononics viewed by femtosecond X-ray diffraction. *Solid State Communications*, **2013**, 169, 24-27 1-6 42
- 104 Evolution of spin-wave excitations in ferromagnetic metallic manganites. *Physical Review Letters*, **2006**, 96, 047204 7-4 42
- 103 Ultrafast Photoinduced Formation of Metallic State in a Perovskite-type Manganite with Short Range Charge and Orbital Order. *Journal of the Physical Society of Japan*, **2007**, 76, 043702 1-5 40
- 102 Magnetic coupling in the insulating and metallic ferromagnetic La<sub>1-x</sub>CaxMnO<sub>3</sub>. *Physical Review B*, **2001**, 64, 3-3 40
- 101 Effect of doping on the magnetostructural ordered phase of iron arsenides: a comparative study of the resistivity anisotropy in doped BaFe<sub>2</sub>As<sub>2</sub> with doping into three different sites. *Journal of the American Chemical Society*, **2013**, 135, 3158-63 16.4 39

100	Normal-state charge dynamics in doped BaFeAs <sub>2</sub> : Roles of doping and necessary ingredients for superconductivity. <i>Scientific Reports</i> , <b>2014</b> , 4, 5873	4.9	38
99	Chemical potential shift and spectral-weight transfer in Pr <sub>1-x</sub> CaxMnO <sub>3</sub> revealed by photoemission spectroscopy. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	38
98	Measurement of spin polarization of single crystals of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> and La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	38
97	High-pressure synthesis and physical properties of new iron (nickel)-based superconductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>2009</b> , 469, 355-369	1.3	36
96	Orbital order and a canted phase in the paramagnetic and ferromagnetic states of 50% hole-doped colossal magnetoresistance manganites. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	36
95	Possible hydrogen doping and enhancement of T <sub>c</sub> (=35 K) in a LaFeAsO-based superconductor. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 072514	3.4	34
94	Photoinduced switching between charge and orbital ordered insulator and ferromagnetic metal in perovskite manganites. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	33
93	Gate control of electronic phases in a quarter-filled manganite. <i>Scientific Reports</i> , <b>2013</b> , 3, 2904	4.9	32
92	Temperature-dependent evolution of the electronic and local atomic structure in the cubic colossal magnetoresistive manganite La <sub>1-x</sub> SrxMnO <sub>3</sub> . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	32
91	Strong pinning effect and magnetic nanodomain formation by coupling between magnetic and crystallographic domains in the ordered double perovskite Ba <sub>2</sub> FeMoO <sub>6</sub> . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	32
90	Laser-diode-heated floating zone (LDFZ) method appropriate to crystal growth of incongruently melting materials. <i>Journal of Crystal Growth</i> , <b>2013</b> , 363, 264-269	1.6	31
89	Magnetic and electronic properties of Eu <sub>1-x</sub> SrxMnO <sub>3</sub> (0.3). <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	31
88	Magnetism and transport in Pr <sub>1-x</sub> SrxMnO <sub>3</sub> single crystals (0.48). <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	31
87	Three-dimensional nature of normal and superconducting states in BaNi <sub>2</sub> P <sub>2</sub> single crystals with the ThCr <sub>2</sub> Si <sub>2</sub> -type structure. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	29
86	Bandwidth-disorder phase diagram of half-doped layered manganites. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	29
85	Lattice effects of orbital and charge orderings in the perovskite manganite Pr <sub>1-x</sub> CaxMnO <sub>3</sub> . <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	29
84	Microscopic spin interactions in colossal magnetoresistance manganites. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	29
83	Charge/Orbital Ordering Structure in Ordered Perovskite Sm <sub>1/2</sub> Ba <sub>1/2</sub> MnO <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2002</b> , 71, 2605-2608	1.5	29

82	Spin waves throughout the Brillouin zone and magnetic exchange coupling in the ferromagnetic metallic manganites $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ( $x=0.25,0.30$ ). <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	28
81	Orbital correlations in doped manganites. <i>Applied Physics A: Materials Science and Processing</i> , <b>2001</b> , 73, 723-730	2.6	28
80	Growth of single crystal $\text{PrFeAsO}_{1-x}$ and its characterization. <i>Physica C: Superconductivity and Its Applications</i> , <b>2009</b> , 469, 901-904	1.3	27
79	Colossal magnetoresistance in $\text{Sm}_{1-x}\text{Sr}_x\text{MnO}_3$ films. <i>Journal of Applied Physics</i> , <b>1996</b> , 80, 6894-6897	2.5	26
78	Magnetic domain structure of a $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ (001) surface observed by a spin-polarized scanning electron microscope. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 2361-2363	3-4	26
77	Ferromagnetic enhancement of CE-type spin ordering in $(\text{Pr,Ca})\text{MnO}_3$ . <i>Physical Review Letters</i> , <b>2011</b> , 106, 186404	7-4	24
76	Spatial Properties of the Photoinduced Transition in $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ . <i>Journal of the Physical Society of Japan</i> , <b>1997</b> , 66, 3570-3576	1.5	24
75	Orbital domain dynamics in a doped manganite. <i>New Journal of Physics</i> , <b>2008</b> , 10, 053023	2.9	24
74	Effects of uniaxial pressure and annealing on the resistivity of $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ . <i>Journal of Physics and Chemistry of Solids</i> , <b>2011</b> , 72, 418-419	3.9	23
73	Structural response to $\text{O}^{\text{D}}$ and magnetic transitions in orthorhombic perovskites. <i>Physical Review B</i> , <b>2002</b> , 66,	3-3	23
72	Anisotropy of the superconducting gap in the iron-based superconductor $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$ . <i>Scientific Reports</i> , <b>2014</b> , 4, 7292	4.9	22
71	Magnetic field observations in $\text{CoFeB/Ta}$ layers with 0.67-nm resolution by electron holography. <i>Scientific Reports</i> , <b>2017</b> , 7, 16598	4.9	22
70	Changes of magnetic domain structure induced by temperature-variation and electron-beam irradiation in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$ . <i>Applied Physics Letters</i> , <b>2005</b> , 86, 131913	3-4	22
69	Strong Electronic Correlations in Iron Pnictides: Comparison of Optical Spectra for $\text{BaFe}_2\text{As}_2$ -Related Compounds. <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 104703	1.5	21
68	Strong carrier-scattering in iron-pnictide superconductors $\text{LnFeAsO}_{1-x}$ ( $\text{Ln}=\text{La}$ and $\text{Nd}$ ) obtained from charge transport experiments. <i>Physical Review B</i> , <b>2010</b> , 81,	3-3	21
67	Hysteretic Magnetoresistance in $\text{Nd}_{1-x}\text{Sr}_x\text{MnO}_3$ Films with Controlled Carrier Density. <i>Japanese Journal of Applied Physics</i> , <b>1996</b> , 35, L489-L492	1.4	18
66	Transient electronic structure of the photoinduced phase of $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ probed with soft x-ray pulses. <i>Physical Review B</i> , <b>2009</b> , 80,	3-3	17
65	Optical phase diagram of perovskite colossal magnetoresistance manganites near half doping. <i>Physical Review B</i> , <b>2008</b> , 77,	3-3	15

64	Electronically smecticlike liquid-crystal phase in a nearly half-doped manganite. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	14
63	TEM study of the influence of antisite defects on magnetic domain structures in double perovskite Ba <sub>2</sub> FeMoO <sub>6</sub> . <i>Journal of Electron Microscopy</i> , <b>2005</b> , 54, 61-5		13
62	Oxygen diffusion and nonstoichiometry in BiFeO <sub>3</sub> . <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 12806-10	5.1	12
61	Glass-like recovery of antiferromagnetic spin ordering in a photo-excited manganite Pr <sub>1-x</sub> Ta <sub>x</sub> MnO <sub>3</sub> . <i>Scientific Reports</i> , <b>2014</b> , 4, 4050	4.9	12
60	Neutron inelastic scattering measurements of low-energy phonons in the multiferroic BiFeO <sub>3</sub> . <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	12
59	Longitudinal and transverse thermoelectric transport in MnSi. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	11
58	Electronic structure of BaNi <sub>2</sub> P <sub>2</sub> observed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	11
57	Effect of Quenched Disorder on Charge-Orbital-Spin Ordering in Single-Layer Manganites. <i>Journal of the Physical Society of Japan</i> , <b>2006</b> , 75, 053602	1.5	11
56	Temperature-dependent photoemission spectra, spectral weight transfer, and chemical potential shift in Pr <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> : Implications for charge-density modulation. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	11
55	Ultrasonic study of orbital and charge fluctuation in Pr <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2002</b> , 312-313, 757-759	2.8	10
54	Phase competition and long-period charge/orbital ordering in the overdoped distorted perovskite manganites R <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	9
53	Chemical potential shift induced by double-exchange and polaronic effects in Nd <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	9
52	Signature of magnetic phase separation in the ground state of Pr <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	9
51	Synthesis and Physical Properties of LnFeAsO <sub>1-y</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2008</b> , 77, 36-39	1.5	9
50	Anomalous low-temperature specific heat around the metal-insulator transition in ordered double-perovskite alloys Sr <sub>2</sub> Fe(Mo <sub>1-y</sub> Wy) <sub>2</sub> O <sub>6</sub> (0 < y < 1). <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	9
49	Electronic phase diagram of half-doped perovskite manganites on the plane of quenched disorder versus one-electron bandwidth. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	8
48	Enhancement of Photoinduced Charge-Order Melting via Anisotropy Control by Double-Pulse Excitation in Perovskite Manganites: Pr <sub>0.6</sub> Ca <sub>0.4</sub> MnO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2016</b> , 116, 076402	7.4	8
47	Ultrafast x-ray and optical signatures of phase competition and separation underlying the photoinduced metallic phase in Pr <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	8

46	Effects of Zn substitution on the electronic structure of BaFe <sub>2</sub> As <sub>2</sub> revealed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	8
45	A Key for Photoinduced Insulator-Metal Transitions in Manganites: Lattice Constant Matching between Charge/Orbital Ordered Insulator and Ferromagnetic Metal. <i>Journal of the Physical Society of Japan</i> , <b>2009</b> , 78, 023707	1.5	8
44	Novel stripe-type charge ordering in the metallic A-type antiferromagnet Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2003</b> , 329-333, 679-680	2.8	8
43	Relaxor behavior in manganites (invited). <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 6857-6862	2.5	8
42	Role of orbital correlation in colossal magnetoresistance. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2002</b> , 239, 170-172	2.8	7
41	Spin excitations used to probe the nature of exchange coupling in the magnetically ordered ground state of Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	6
40	Imaging of variation in charge/orbital/spin ordering structure in Sm <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> (x=0.55 and 0.6). <i>Applied Physics Letters</i> , <b>2009</b> , 94, 082509	3.4	6
39	Spin waves and phonons in the CMR ferromagnet La <sub>0.70</sub> Ca <sub>0.30</sub> MnO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 385-386, 66-68	2.8	6
38	Asymmetric behavior of charge-orbital order in electron/hole-doped A-site ordered manganites Eu(Ba <sub>1-x</sub> La <sub>x</sub> )Mn <sub>2</sub> O <sub>6</sub> and (Eu <sub>1-x</sub> Ca <sub>x</sub> )BaMn <sub>2</sub> O <sub>6</sub> . <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	6
37	Perturbed angular correlation study of Pr <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E1667-E1668	2.8	6
36	Evolutions of Metallic Ferromagnetism and Magnetotransport Properties of La <sub>1-x</sub> Ba <sub>x</sub> MnO <sub>3</sub> Single Crystals with 0 ≤ x ≤ 0.5. <i>Journal of the Physical Society of Japan</i> , <b>2015</b> , 84, 024703	1.5	5
35	A Resistive Transition between the Normal and Superconducting State of BaNi <sub>2</sub> P <sub>2</sub> Single Crystals. <i>Journal of the Physical Society of Japan</i> , <b>2008</b> , 77, 136-137	1.5	5
34	Pinning effect of the antiphase and grain boundaries on magnetic domains in double perovskite A <sub>2</sub> FeMoO <sub>6</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 1572-1574	2.8	5
33	Effect of pressure on the spin-polarized intergrain tunneling in single and polycrystalline Sr <sub>2</sub> FeMoO <sub>6</sub> . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	5
32	Phase diagrams of perovskite-type manganese oxides. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 2214-2221	3.9	5
31	Jahn-Teller distortion and cluster-glass like behavior in La <sub>0.875</sub> Ca <sub>0.125</sub> MnO <sub>3</sub> . <i>Journal of Physics and Chemistry of Solids</i> , <b>2002</b> , 63, 939-942	3.9	5
30	Magnetoresistive properties of Pr <sub>[sub 0.65]</sub> Ca <sub>[sub 0.21]</sub> Sr <sub>[sub 0.14]</sub> MnO <sub>[sub 3]</sub> ferromagnets: Evidence of phase separation. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 7727	2.5	5
29	Optical response of FeAs-based compounds. <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S326-S327	1.3	4



28	Ultrafast photoinduced ferromagnetism in the perovskite manganite $Gd_{0.55}Sr_{0.45}MnO_3$ . <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 07B110	2.5	4
27	Metamagnetic transition and recovery of isotropic transport phenomena in A-type antiferromagnet $Pr_{0.45}Sr_{0.55}MnO_3$ . <i>Journal of Physics and Chemistry of Solids</i> , <b>2002</b> , 63, 925-928	3.9	4
26	Microscopic origin of ferrimagnetism of a double perovskite $Sr_2FeMoO_6$ : An x-ray magnetic circular dichroism study. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 502, 012003	0.3	3
25	Superconducting gap in iron pnictides studied by optical spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , <b>2011</b> , 72, 511-513	3.9	3
24	Time-resolved studies of phase transition dynamics in strongly correlated manganites. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 148, 012013	0.3	3
23	Two superconducting transitions in single-crystal $La_{2-x}BaxCuO_4$ . <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	2
22	In-Plane Magnetic Field Evaluation with 0.47-nm Resolution by Aberration-Corrected 1.2-MV Holography Electron Microscope. <i>Microscopy and Microanalysis</i> , <b>2019</b> , 25, 54-55	0.5	2
21	Growth of $PrFeAsO_{1-x}$ single crystals and its characterization. <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S322-S323	1.3	2
20	Chemical potential landscape in band filling and bandwidth-control of manganites: Photoemission spectroscopy measurements. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	2
19	Polaron lifetime in $La_{0.75}Ca_{0.25}MnO_3$ . <i>Applied Physics A: Materials Science and Processing</i> , <b>2002</b> , 74, s1782-s1784	2.6	2
18	Magnetotransport Properties of $Eu_{1-x}LaxTiO_3$ ( $0 \leq x \leq 0.07$ ) Single Crystals. <i>Journal of the Physical Society of Japan</i> , <b>2018</b> , 87, 094716	1.5	2
17	Multiple broken symmetries in striped $La_{2-x}BaxCuO_4$ detected by the field-symmetric Nernst effect. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	1
16	Quantum oscillations in iron-based superconductors: $BaFe_2As_2$ vs. $KFe_2As_2$ . <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 449, 012022	0.3	1
15	Transport properties of single crystal $BaNi_2P_2$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>2009</b> , 469, 905-907	1.3	1
14	Doping effect on the carrier scattering in iron-pnictide superconductors studied by charge transport. <i>Journal of Physics and Chemistry of Solids</i> , <b>2011</b> , 72, 407-409	3.9	1
13	Domain mapping of a Ca-doped manganite. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 131907	3.4	1
12	X-ray Diffraction Study on Charge and Orbital Order in $Pr_{0.65}Ca_{0.35}MnO_3$ under High Pressure. <i>Journal of the Physical Society of Japan</i> , <b>2007</b> , 76, 124603	1.5	1
11	Order-disorder phenomena in the charge-orbital sectors of half-doped manganites with the two-dimensional $MnO$ network. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 1963-1965	2.8	1

10	Resonant X-ray scattering as a probe of the valence and magnetic ground state and excitations in Pr <sub>0.6</sub> Ca <sub>0.4</sub> MnO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2004</b> , 345, 6-10	2.8	1
9	Low-energy excitation in La <sub>1-x</sub> CaxMnO <sub>3</sub> single crystals with 0.05 ≤ x ≤ 0.20. <i>Applied Physics A: Materials Science and Processing</i> , <b>2002</b> , 74, s625-s627	2.6	1
8	Effect of pressure on the electrical resistivity of double perovskite SrFeWMoO. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 1327-1329	2.8	1
7	Nonlinear magneto-optical properties of Pr <sub>1-x</sub> CaxMnO <sub>3</sub> and Nd <sub>1-x</sub> SrxMnO <sub>3</sub> . <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 7505	2.5	1
6	Magnetic and Electronic Properties of Single Crystals of Perovskite Nickelate Oxide LaNiO <sub>3</sub> Prepared by the Laser Diode Floating Zone Method. <i>Journal of the Physical Society of Japan</i> , <b>2021</b> , 90, 034704	1.5	0
5	Characteristic charge transport in oxygen-deficiency-controlled LnFeAsO <sub>1-y</sub> (Ln = La and Nd). <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S324-S325	1.3	
4	Photoemission Study of Perovskite-Type Manganites with Stripe Ordering. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2007</b> , 20, 543-546	1.5	
3	HIGH PRESSURE STUDY OF NOVEL ELECTRONIC PROPERTIES IN Sr <sub>2</sub> Fe(W <sub>1-x</sub> Mo <sub>x</sub> )O <sub>6</sub> NEAR METAL-INSULATOR TRANSITION. <i>International Journal of Modern Physics B</i> , <b>2007</b> , 21, 3279-3284	1.1	
2	Insulator-to-Metal Transition Induced by Mid-IR Vibrational Excitation in a Magnetoresistive Manganite. <i>Springer Series in Chemical Physics</i> , <b>2007</b> , 588-590	0.3	
1	Magnetoresistance and Curie temperature of double perovskite Sr <sub>2</sub> FeW <sub>0.75</sub> Mo <sub>0.25</sub> O <sub>6</sub> under high pressure. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 546-547	2.8	