

Tomioka Yasuhide

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

9,834
citations

44
h-index

98
g-index

155
ext. papers

10,438
ext. citations

5
avg, IF

5.48
L-index

#	Paper	IF	Citations
153	Magnetic and Electronic Properties of Single Crystals of Perovskite Nickelate Oxide LaNiO ₃ Prepared by the Laser Diode Floating Zone Method. <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 034704	1.5	0
152	In-Plane Magnetic Field Evaluation with 0.47-nm Resolution by Aberration-Corrected 1.2-MV Holography Electron Microscope. <i>Microscopy and Microanalysis</i> , 2019 , 25, 54-55	0.5	2
151	Electronic phase diagram of half-doped perovskite manganites on the plane of quenched disorder versus one-electron bandwidth. <i>Physical Review B</i> , 2018 , 97,	3.3	8
150	Magnetotransport Properties of Eu _{1-x} La _x TiO ₃ (0 ≤ x ≤ 0.07) Single Crystals. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 094716	1.5	2
149	Two superconducting transitions in single-crystal La _{2-x} Ba _x CuO ₄ . <i>Physical Review B</i> , 2017 , 95,	3.3	2
148	Magnetic field observations in CoFeB/Ta layers with 0.67-nm resolution by electron holography. <i>Scientific Reports</i> , 2017 , 7, 16598	4.9	22
147	Spin excitations used to probe the nature of exchange coupling in the magnetically ordered ground state of Pr _{0.5} Ca _{0.5} MnO ₃ . <i>Physical Review B</i> , 2016 , 94,	3.3	6
146	Multiple broken symmetries in striped La _{2-x} Ba _x CuO ₄ detected by the field-symmetric Nernst effect. <i>Physical Review B</i> , 2016 , 93,	3.3	1
145	Enhancement of Photoinduced Charge-Order Melting via Anisotropy Control by Double-Pulse Excitation in Perovskite Manganites: Pr _{0.6} Ca _{0.4} MnO ₃ . <i>Physical Review Letters</i> , 2016 , 116, 076402	7.4	8
144	Longitudinal and transverse thermoelectric transport in MnSi. <i>Physical Review B</i> , 2016 , 93,	3.3	11
143	Evolutions of Metallic Ferromagnetism and Magnetotransport Properties of La _{1-x} Ba _x MnO ₃ Single Crystals with 0 ≤ x ≤ 0.5. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 024703	1.5	5
142	Ultrafast x-ray and optical signatures of phase competition and separation underlying the photoinduced metallic phase in Pr _{1-x} Ca _x MnO ₃ . <i>Physical Review B</i> , 2015 , 92,	3.3	8
141	Neutron inelastic scattering measurements of low-energy phonons in the multiferroic BiFeO ₃ . <i>Physical Review B</i> , 2015 , 91,	3.3	12
140	Anisotropy of the superconducting gap in the iron-based superconductor BaFe ₂ (As _{1-x} P _x) ₂ . <i>Scientific Reports</i> , 2014 , 4, 7292	4.9	22
139	Pseudogap formation above the superconducting dome in iron pnictides. <i>Physical Review B</i> , 2014 , 89,	3.3	63
138	Microscopic origin of ferrimagnetism of a double perovskite Sr ₂ FeMoO ₆ : An x-ray magnetic circular dichroism study. <i>Journal of Physics: Conference Series</i> , 2014 , 502, 012003	0.3	3
137	Normal-state charge dynamics in doped BaFe ₂ As ₂ : Roles of doping and necessary ingredients for superconductivity. <i>Scientific Reports</i> , 2014 , 4, 5873	4.9	38

136	Glass-like recovery of antiferromagnetic spin ordering in a photo-excited manganite $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Scientific Reports</i> , 2014 , 4, 4050	4.9	12
135	Strong Electronic Correlations in Iron Pnictides: Comparison of Optical Spectra for BaFe ₂ As ₂ -Related Compounds. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 104703	1.5	21
134	Electronic structure of BaNi ₂ P ₂ observed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2014 , 89,	3.3	11
133	Displacive lattice excitation through nonlinear phononics viewed by femtosecond X-ray diffraction. <i>Solid State Communications</i> , 2013 , 169, 24-27	1.6	42
132	Oxygen diffusion and nonstoichiometry in BiFeO ₃ . <i>Inorganic Chemistry</i> , 2013 , 52, 12806-10	5.1	12
131	Laser-diode-heated floating zone (LDFZ) method appropriate to crystal growth of incongruently melting materials. <i>Journal of Crystal Growth</i> , 2013 , 363, 264-269	1.6	31
130	Effect of doping on the magnetostructural ordered phase of iron arsenides: a comparative study of the resistivity anisotropy in doped BaFe ₂ As ₂ with doping into three different sites. <i>Journal of the American Chemical Society</i> , 2013 , 135, 3158-63	16.4	39
129	Dependence of carrier doping on the impurity potential in transition-metal-substituted FeAs-based superconductors. <i>Physical Review Letters</i> , 2013 , 110, 107007	7.4	63
128	Effects of Zn substitution on the electronic structure of BaFe ₂ As ₂ revealed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2013 , 87,	3.3	8
127	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> , 2013 , 110, 207001	7.4	86
126	Gate control of electronic phases in a quarter-filled manganite. <i>Scientific Reports</i> , 2013 , 3, 2904	4.9	32
125	Quantum oscillations in iron-based superconductors: BaFe ₂ As ₂ vs. KFe ₂ As ₂ . <i>Journal of Physics: Conference Series</i> , 2013 , 449, 012022	0.3	1
124	magnetic dispersion and anisotropy in multiferroic BiFeO ₃ . <i>Physical Review Letters</i> , 2012 , 109, 067205	7.4	79
123	Effect of Co doping on the in-plane anisotropy in the optical spectrum of underdoped Ba(Fe(1-x)Co(x)) ₂ As ₂ . <i>Physical Review Letters</i> , 2012 , 109, 217003	7.4	60
122	Growth of Highly Insulating Bulk Single Crystals of Multiferroic BiFeO ₃ and Their Inherent Internal Strains in the Domain-Switching Process. <i>Crystal Growth and Design</i> , 2011 , 11, 5139-5143	3.5	43
121	Nonlinear phononics as an ultrafast route to lattice control. <i>Nature Physics</i> , 2011 , 7, 854-856	16.2	249
120	Superconducting gap in iron pnictides studied by optical spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 511-513	3.9	3
119	Doping effect on the carrier scattering in iron-pnictide superconductors studied by charge transport. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 407-409	3.9	1

118	Effects of uniaxial pressure and annealing on the resistivity of Ba(Fe _{1-x} Cox) ₂ As ₂ . <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 418-419	3-9	23
117	Complete Fermi surface in BaFe ₂ As ₂ observed via Shubnikov-de Haas oscillation measurements on detwinned single crystals. <i>Physical Review Letters</i> , 2011 , 107, 176402	7-4	74
116	Ferromagnetic enhancement of CE-type spin ordering in (Pr,Ca)MnO ₃ . <i>Physical Review Letters</i> , 2011 , 106, 186404	7-4	24
115	Manifestations of multiple-carrier charge transport in the magnetostructurally ordered phase of BaFe ₂ As ₂ . <i>Physical Review B</i> , 2011 , 84,	3-3	63
114	Unprecedented anisotropic metallic state in undoped iron arsenide BaFe ₂ As ₂ revealed by optical spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 12238-42	11-5	158
113	Possible hydrogen doping and enhancement of T _c (=35 K) in a LaFeAsO-based superconductor. <i>Applied Physics Letters</i> , 2010 , 96, 072514	3-4	34
112	Evolution of the optical spectrum with doping in Ba(Fe _{1-x} Cox) ₂ As ₂ . <i>Physical Review B</i> , 2010 , 81,	3-3	116
111	Strong carrier-scattering in iron-pnictide superconductors LnFeAsO _{1-y} (Ln=La and Nd) obtained from charge transport experiments. <i>Physical Review B</i> , 2010 , 81,	3-3	21
110	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> , 2010 , 79, 124713	1-5	104
109	Growth of PrFeAsO _{1-y} single crystals and its characterization. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S322-S323	1-3	2
108	Optical response of FeAs-based compounds. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S326-S327	1-3	4
107	Characteristic charge transport in oxygen-deficiency-controlled LnFeAsO _{1-y} (Ln = La and Nd). <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S324-S325	1-3	
106	Three-dimensional nature of normal and superconducting states in BaNi ₂ P ₂ single crystals with the ThCr ₂ Si ₂ -type structure. <i>Physical Review B</i> , 2009 , 79,	3-3	29
105	Imaging of variation in charge/orbital/spin ordering structure in Sm _{1-x} Sr _x MnO ₃ (x=0.55 and 0.6). <i>Applied Physics Letters</i> , 2009 , 94, 082509	3-4	6
104	Transient electronic structure of the photoinduced phase of Pr _{0.7} Ca _{0.3} MnO ₃ probed with soft x-ray pulses. <i>Physical Review B</i> , 2009 , 80,	3-3	17
103	Magnetic and electronic properties of Eu _{1-x} Sr _x MnO ₃ (0.3). <i>Physical Review B</i> , 2009 , 80,	3-3	31
102	Phase competition and long-period charge/orbital ordering in the overdoped distorted perovskite manganites R _{1-x} Sr _x MnO ₃ . <i>Physical Review B</i> , 2009 , 80,	3-3	9
101	High-pressure synthesis and physical properties of new iron (nickel)-based superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 355-369	1-3	36

100	Growth of single crystal PrFeAsO _{1-y} and its characterization. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 901-904	1.3	27
99	Transport properties of single crystal BaNi ₂ P ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 905-907	1.3	1
98	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> , 2009 , 78, 023707	1.5	8
97	Time-resolved studies of phase transition dynamics in strongly correlated manganites. <i>Journal of Physics: Conference Series</i> , 2009 , 148, 012013	0.3	3
96	Multicritical end point of the first-order ferromagnetic transition in colossal magnetoresistive manganites. <i>Physical Review Letters</i> , 2008 , 101, 037206	7.4	44
95	Temperature-dependent evolution of the electronic and local atomic structure in the cubic colossal magnetoresistive manganite La _{1-x} Sr _x MnO ₃ . <i>Physical Review B</i> , 2008 , 77,	3.3	32
94	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> , 2008 , 100, 155702	7.4	74
93	Ultrafast photoinduced ferromagnetism in the perovskite manganite Gd _{0.55} Sr _{0.45} MnO ₃ . <i>Journal of Applied Physics</i> , 2008 , 103, 07B110	2.5	4
92	Ultrafast magnetization dynamics of antiferromagnetic compounds. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 164005	3	56
91	Orbital domain dynamics in a doped manganite. <i>New Journal of Physics</i> , 2008 , 10, 053023	2.9	24
90	Chemical potential shift induced by double-exchange and polaronic effects in Nd _{1-x} Sr _x MnO ₃ . <i>Physical Review B</i> , 2008 , 77,	3.3	9
89	Photoinduced switching between charge and orbital ordered insulator and ferromagnetic metal in perovskite manganites. <i>Physical Review B</i> , 2008 , 77,	3.3	33
88	Chemical potential landscape in band filling and bandwidth-control of manganites: Photoemission spectroscopy measurements. <i>Physical Review B</i> , 2008 , 78,	3.3	2
87	Domain mapping of a Ca-doped manganite. <i>Applied Physics Letters</i> , 2008 , 92, 131907	3.4	1
86	Optical phase diagram of perovskite colossal magnetoresistance manganites near half doping. <i>Physical Review B</i> , 2008 , 77,	3.3	15
85	Signature of magnetic phase separation in the ground state of Pr _{1-x} Ca _x MnO ₃ . <i>Physical Review B</i> , 2008 , 78,	3.3	9
84	Synthesis and Physical Properties of LnFeAsO _{1-y} . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 36-39	1.5	9
83	A Resistive Transition between the Normal and Superconducting State of BaNi ₂ P ₂ Single Crystals. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 136-137	1.5	5

82	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> , 2007 , 76, 124603	1.5	1
81	Ultrafast photoinduced insulator-ferromagnet transition in the perovskite manganite Gd _{0.55} Sr _{0.45} MnO ₃ . <i>Physical Review Letters</i> , 2007 , 99, 207401	7.4	82
80	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> , 2007 , 310, 1963-1965	2.8	1
79	Coherent orbital waves in the photo-induced insulator-metal dynamics of a magnetoresistive manganite. <i>Nature Materials</i> , 2007 , 6, 643-7	27	130
78	Control of the electronic phase of a manganite by mode-selective vibrational excitation. <i>Nature</i> , 2007 , 449, 72-4	50.4	418
77	Photoemission Study of Perovskite-Type Manganites with Stripe Ordering. <i>Journal of Superconductivity and Novel Magnetism</i> , 2007 , 20, 543-546	1.5	
76	Pinning effect of the antiphase and grain boundaries on magnetic domains in double perovskite A ₂ FeMoO ₆ . <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1572-1574	2.8	5
75	HIGH PRESSURE STUDY OF NOVEL ELECTRONIC PROPERTIES IN Sr ₂ Fe(W _{1-x} Mo _x)O ₆ NEAR METAL-INSULATOR TRANSITION. <i>International Journal of Modern Physics B</i> , 2007 , 21, 3279-3284	1.1	
74	Ultrafast Photoinduced Formation of Metallic State in a Perovskite-type Manganite with Short Range Charge and Orbital Order. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 043702	1.5	40
73	Strong pinning effect and magnetic nanodomain formation by coupling between magnetic and crystallographic domains in the ordered double perovskite Ba ₂ FeMoO ₆ . <i>Physical Review B</i> , 2007 , 75,	3.3	32
72	Temperature-dependent photoemission spectra, spectral weight transfer, and chemical potential shift in Pr _{1-x} Ca _x MnO ₃ : Implications for charge-density modulation. <i>Physical Review B</i> , 2007 , 76,	3.3	11
71	Effect of pressure on the spin-polarized intergrain tunneling in single and polycrystalline Sr ₂ FeMoO ₆ . <i>Physical Review B</i> , 2007 , 75,	3.3	5
70	Thermoelectric Power in Transition-Metal Monosilicides. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 093601	1.5	43
69	Insulator-to-Metal Transition Induced by Mid-IR Vibrational Excitation in a Magnetoresistive Manganite. <i>Springer Series in Chemical Physics</i> , 2007 , 588-590	0.3	
68	Spin waves throughout the Brillouin zone and magnetic exchange coupling in the ferromagnetic metallic manganites La _{1-x} Ca _x MnO ₃ (x=0.25,0.30). <i>Physical Review B</i> , 2007 , 75,	3.3	28
67	Spin waves and phonons in the CMR ferromagnet La _{0.70} Ca _{0.30} MnO ₃ . <i>Physica B: Condensed Matter</i> , 2006 , 385-386, 66-68	2.8	6
66	Effect of Quenched Disorder on Charge-Orbital-Spin Ordering in Single-Layer Manganites. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 053602	1.5	11
65	Evolution of spin-wave excitations in ferromagnetic metallic manganites. <i>Physical Review Letters</i> , 2006 , 96, 047204	7.4	42

64	Chemical potential shift and spectral-weight transfer in $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ revealed by photoemission spectroscopy. <i>Physical Review B</i> , 2006 , 74,	3-3	38
63	Multicritical phase diagram of the electronic states in $\text{Sm}_{1-x}\text{Sr}_x\text{MnO}_3$ (0.3. <i>Physical Review B</i> , 2006 , 74,	3-3	71
62	Bandwidth-disorder phase diagram of half-doped layered manganites. <i>Physical Review B</i> , 2006 , 74,	3-3	29
61	Asymmetric behavior of charge-orbital order in electron/hole-doped A-site ordered manganites $\text{Eu}(\text{Ba}_{1-y}\text{La}_y)\text{Mn}_2\text{O}_6$ and $(\text{Eu}_{1-x}\text{Ca}_x)\text{BaMn}_2\text{O}_6$. <i>Physical Review B</i> , 2006 , 74,	3-3	6
60	Magnetoresistance and Curie temperature of double perovskite $\text{Sr}_2\text{FeW}_{0.75}\text{Mo}_{0.25}\text{O}_6$ under high pressure. <i>Physica B: Condensed Matter</i> , 2006 , 378-380, 546-547	2.8	
59	Phase diagrams of perovskite-type manganese oxides. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 2214-2221	3-9	5
58	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> , 2005 , 86, 131913	3-4	22
57	Effect of pressure on the electrical resistivity of double perovskite SrFeWMoO . <i>Physica B: Condensed Matter</i> , 2005 , 359-361, 1327-1329	2.8	1
56	TEM study of the influence of antisite defects on magnetic domain structures in double perovskite $\text{Ba}_2\text{FeMoO}_6$. <i>Journal of Electron Microscopy</i> , 2005 , 54, 61-5		13
55	Electronically smecticlike liquid-crystal phase in a nearly half-doped manganite. <i>Physical Review B</i> , 2005 , 72,	3-3	14
54	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> , 2004 , 84, 2361-2363	3-4	26
53	Soft x-ray resonant diffraction study of magnetic and orbital correlations in a manganite near half doping. <i>Physical Review Letters</i> , 2004 , 92, 237204	7-4	87
52	Resonant x-ray diffraction of the magnetoresistant perovskite $\text{Pr}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$. <i>Physical Review B</i> , 2004 , 69,	3-3	88
51	Resonant X-ray scattering as a probe of the valence and magnetic ground state and excitations in $\text{Pr}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$. <i>Physica B: Condensed Matter</i> , 2004 , 345, 6-10	2.8	1
50	Perturbed angular correlation study of $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1667-E1668	2.8	6
49	Global phase diagram of perovskite manganites in the plane of quenched disorder versus one-electron bandwidth. <i>Physical Review B</i> , 2004 , 70,	3-3	153
48	Lattice effects of orbital and charge orderings in the perovskite manganite $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Physical Review B</i> , 2004 , 69,	3-3	29
47	Structural and electronic properties of the ordered double perovskites A_2MReO_6 (A=Sr,Ca; M=Mg,Sc,Cr,Mn,Fe,Co,Ni,Zn). <i>Physical Review B</i> , 2004 , 69,	3-3	170

46	Charge-orbital ordering near the multicritical point in A-site ordered perovskites $\text{SmBaMn}_2\text{O}_6$ and $\text{NdBaMn}_2\text{O}_6$. <i>Physical Review B</i> , 2004 , 70,	3-3	44
45	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> , 2004 , 93, 227202	7-4	95
44	Novel stripe-type charge ordering in the metallic A-type antiferromagnet $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. <i>Physica B: Condensed Matter</i> , 2003 , 329-333, 679-680	2.8	8
43	Critical control of competition between metallic ferromagnetism and charge/orbital correlation in single crystals of perovskite manganites. <i>Physical Review B</i> , 2003 , 68,	3-3	61
42	Photoinduced spin dynamics in $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ observed by time-resolved magneto-optical Kerr spectroscopy. <i>Physical Review B</i> , 2003 , 68,	3-3	64
41	Random potential effect near the bicritical region in perovskite manganites as revealed by comparison with the ordered perovskite analogs. <i>Physical Review Letters</i> , 2003 , 90, 177203	7-4	221
40	Orbital-order-induced metal-insulator transition in $\text{La}_{(1-x)}\text{Ca}_x\text{MnO}_3$. <i>Physical Review Letters</i> , 2003 , 90, 066403	7-4	90
39	Orbital order and a canted phase in the paramagnetic and ferromagnetic states of 50% hole-doped colossal magnetoresistance manganites. <i>Physical Review B</i> , 2003 , 67,	3-3	36
38	Anomalous low-temperature specific heat around the metal-insulator transition in ordered double-perovskite alloys $\text{Sr}_2\text{Fe}(\text{Mo}_{1-x}\text{W}_x)\text{O}_6$ (0. <i>Physical Review B</i> , 2003 , 68,	3-3	9
37	Role of orbital correlation in colossal magnetoresistance. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 239, 170-172	2.8	7
36	Low-energy excitation in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ single crystals with 0.05 $\leq x \leq$ 0.20. <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 74, s625-s627	2.6	1
35	Polaron lifetime in $\text{La}_{0.75}\text{Ca}_{0.25}\text{MnO}_3$. <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 74, s1782-s1784		
34	Ultrasonic study of orbital and charge fluctuation in $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Physica B: Condensed Matter</i> , 2002 , 312-313, 757-759	2.8	10
33	Metamagnetic transition and recovery of isotropic transport phenomena in A-type antiferromagnet $\text{Pr}_{0.45}\text{Sr}_{0.55}\text{MnO}_3$. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 925-928	3-9	4
32	Jahn-Teller distortion and cluster-glass like behavior in $\text{La}_{0.875}\text{Ca}_{0.125}\text{MnO}_3$. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 939-942	3-9	5
31	Structural response to O^{2-} and magnetic transitions in orthorhombic perovskites. <i>Physical Review B</i> , 2002 , 66,	3-3	23
30	Magnetism and transport in $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ single crystals (0.48. <i>Physical Review B</i> , 2002 , 66,	3-3	31
29	Microscopic spin interactions in colossal magnetoresistance manganites. <i>Physical Review B</i> , 2002 , 66,	3-3	29

28	Magnetoresistive properties of $\text{Pr}_{0.65}\text{Ca}_{0.21}\text{Sr}_{0.14}\text{MnO}_3$ ferromagnets: Evidence of phase separation. <i>Journal of Applied Physics</i> , 2002 , 91, 7727	2.5	5
27	Nonlinear magneto-optical properties of $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ and $\text{Nd}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Journal of Applied Physics</i> , 2002 , 91, 7505	2.5	1
26	Measurement of spin polarization of single crystals of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ and $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$. <i>Physical Review B</i> , 2002 , 66,	3.3	38
25	Metal-insulator transition of ferromagnetic ordered double perovskites: $(\text{Sr}_{1-y}\text{Ca}_y)_2\text{FeReO}_6$. <i>Physical Review B</i> , 2002 , 65,	3.3	82
24	Charge/Orbital Ordering Structure in Ordered Perovskite $\text{Sm}_{1/2}\text{Ba}_{1/2}\text{MnO}_3$. <i>Journal of the Physical Society of Japan</i> , 2002 , 71, 2605-2608	1.5	29
23	Metallic ordered double-perovskite $\text{Sr}_2\text{CrReO}_6$ with maximal Curie temperature of 635 K. <i>Applied Physics Letters</i> , 2002 , 81, 328-330	3.4	248
22	Stripe-type charge ordering in the metallic A-type antiferromagnet $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. <i>Physical Review B</i> , 2002 , 66,	3.3	81
21	Bicritical features of the metal-insulator transition in bandwidth-controlled manganites: Single crystals of $\text{Pr}_{1-x}(\text{Ca}_{1-y}\text{Sr}_y)_x\text{MnO}_3$. <i>Physical Review B</i> , 2002 , 66,	3.3	104
20	Orbital correlations in doped manganites. <i>Applied Physics A: Materials Science and Processing</i> , 2001 , 73, 723-730	2.6	28
19	Relaxor behavior in manganites (invited). <i>Journal of Applied Physics</i> , 2001 , 89, 6857-6862	2.5	8
18	Magnetic coupling in the insulating and metallic ferromagnetic $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Physical Review B</i> , 2001 , 64,	3.3	40
17	Charge/orbital ordering in perovskite manganites. <i>Journal of Alloys and Compounds</i> , 2001 , 326, 27-35	5.7	48
16	Quadrupolar effect in the perovskite manganite $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Physical Review B</i> , 2000 , 62, 15012-15020	3	58
15	Visualization of the local insulator-metal transition in $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$. <i>Science</i> , 1998 , 280, 1925-8	33.3	319
14	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> , 1997 , 66, 3570-3576	1.5	24
13	Reentrant Transition of the Charge-Ordered State in Perovskite Manganites. <i>Journal of the Physical Society of Japan</i> , 1997 , 66, 302-305	1.5	61
12	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> , 1996 , 35, L489-L492	1.4	18
11	Colossal magnetoresistance in $\text{Sm}_{1-x}\text{Sr}_x\text{MnO}_3$ films. <i>Journal of Applied Physics</i> , 1996 , 80, 6894-6897	2.5	26

10	Magnetic-Field-Induced Metal-Insulator Transition in $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$. <i>Journal of the Physical Society of Japan</i> , 1996 , 65, 1043-1052	1.5	86
9	Competing instabilities and metastable states in $(\text{Nd,Sm})_{1/2}\text{Sr}_{1/2}\text{MnO}_3$. <i>Physical Review Letters</i> , 1996 , 76, 3184-3187	7.4	266
8	Striction-Coupled Magnetoresistance in Perovskite-Type Manganese Oxides. <i>Science</i> , 1996 , 272, 80-82	33.3	136
7	Interplane Tunneling Magnetoresistance in a Layered Manganite Crystal. <i>Science</i> , 1996 , 274, 1698-701	33.3	413
6	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	3.3	809
5	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	3.3	141
4	A structural phase transition induced by an external magnetic field. <i>Nature</i> , 1995 , 373, 407-409	50.4	597
3	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	1.5	208
2	A First-Order Phase Transition Induced by a Magnetic Field. <i>Science</i> , 1995 , 270, 961-963	33.3	823
1	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	7.4	670