

Tomioaka Yasuhide

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1929989/publications.pdf>

Version: 2024-02-01

155
papers

10,937
citations

47006

47
h-index

29157

104
g-index

155
all docs

155
docs citations

155
times ranked

7043
citing authors

#	ARTICLE	IF	CITATIONS
1	A First-Order Phase Transition Induced by a Magnetic Field. <i>Science</i> , 1995, 270, 961-963.	12.6	895
2	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
3	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
4	A structural phase transition induced by an external magnetic field. <i>Nature</i> , 1995, 373, 407-409.	27.8	651
5	Control of the electronic phase of a manganite by mode-selective vibrational excitation. <i>Nature</i> , 2007, 449, 72-74.	27.8	512
6	Interplane Tunneling Magnetoresistance in a Layered Manganite Crystal. <i>Science</i> , 1996, 274, 1698-1701.	12.6	443
7	Nonlinear phononics as an ultrafast route to lattice control. <i>Nature Physics</i> , 2011, 7, 854-856.	16.7	369
8	Visualization of the Local Insulator-Metal Transition in $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$. <i>Science</i> , 1998, 280, 1925-1928.	12.6	344
9	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.	3.3	295
10	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
11	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.	7.8	254
12	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
13	Structural and electronic properties of the ordered double perovskites A_2MReO_6 ($\text{A}=\text{Sr},\text{Ca}; \text{M}=\text{Mg},\text{Sc},\text{Cr},\text{Mn},\text{Fe},\text{Co},\text{Ni},\text{Zn}$). <i>Physical Review B</i> , 2004, 69, .	3.2	205
14	Unprecedented anisotropic metallic state in undoped iron arsenide BaFe_2As_2 revealed by optical spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12238-12242.	7.1	173
15	Global phase diagram of perovskite manganites in the plane of quenched disorder versus one-electron bandwidth. <i>Physical Review B</i> , 2004, 70, .	3.2	170
16	Striction-Coupled Magnetoresistance in Perovskite-Type Manganese Oxides. <i>Science</i> , 1996, 272, 80-82.	12.6	151
17	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
18	Coherent orbital waves in the photo-induced insulator-to-metal dynamics of a magnetoresistive manganite. <i>Nature Materials</i> , 2007, 6, 643-647.	27.5	139

#	ARTICLE	IF	CITATIONS
19	Evolution of the optical spectrum with doping in $\text{Ba}_{1-x}\text{K}_x\text{FeAs}_2$. Physical Review B, 2010, 81, .	3.2	125
20	Single Crystal Growth and Characterization of the Iron-Based Superconductor KFe_2As_2 Synthesized by KAs Flux Method. Journal of the Physical Society of Japan, 2010, 79, 124713.	1.6	117
21	Colossal Magnetoresistance without Phase Separation: Disorder-Induced Spin Glass State and Nanometer Scale Orbital-Charge Correlation in Half Doped Manganites. Physical Review Letters, 2004, 93, 227202.	7.8	112
22	Bicritical features of the metal-insulator transition in bandwidth-controlled manganites: Single crystals of $\text{Pr}_{1-x}(\text{Ca}_y\text{Sr})_x\text{MnO}_3$. Physical Review B, 2002, 66, .	3.2	107
23	Ultrafast Photoinduced Insulator-Ferromagnet Transition in the Perovskite Manganite $\text{Gd}_{0.55}\text{Sr}_{0.45}\text{MnO}_3$. Physical Review Letters, 2007, 99, 207401.	7.8	96
24	Resonant x-ray diffraction of the magnetoresistant perovskite $\text{Pr}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$. Physical Review B, 2004, 69, .	3.2	95
25	Anisotropy of the in-Plane Resistivity of Underdoped $\text{Ba}_{1-x}\text{Fe}_x\text{MnO}_3$. Physical Review Letters, 2013, 110, 207001.	7.8	95
26	Soft X-Ray Resonant Diffraction Study of Magnetic and Orbital Correlations in a Manganite Near Half Doping. Physical Review Letters, 2004, 92, 237204.	7.8	94
27	Orbital-Order-Induced Metal-Insulator Transition in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. Physical Review Letters, 2003, 90, 066403.	7.8	93
28	Metal-insulator transition of ferromagnetic ordered double perovskites: $(\text{Sr}_{1-y}\text{Ca}_y)_2\text{FeReO}_6$. Physical Review B, 2002, 65, .	3.2	92
29	Magnetic-Field-Induced Metal-Insulator Transition in $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$. Journal of the Physical Society of Japan, 1996, 65, 1043-1052.	1.6	89
30	Magnetic Dispersion and Anisotropy in Multiferroic BiFeO_3 . Physical Review Letters, 2012, 109, 067205.	7.8	89
31	New Phase Transition in the $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. Evidence for Electrical Polarization in Charge Ordered Manganites. Physical Review Letters, 2008, 100, 155702.	7.8	87
32	Stripe-type charge ordering in the metallic A-type antiferromagnet $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. Physical Review B, 2002, 66, .	3.2	84
33	Complete Fermi Surface in BaFe_2As_2 via Shubnikov-de Haas Oscillation Measurements on Detwinned Single Crystals. Physical Review Letters, 2011, 107, 176402.	7.8	83
34	Pseudogap formation above the superconducting dome in iron pnictides. Physical Review B, 2014, 89, .	3.2	77
35	Multicritical phase diagram of the electronic states in $\text{Sm}_{1-x}\text{Sr}_x\text{MnO}_3$ (0.3 < x < 0.6) single crystals with controlled carrier density. Physical Review B, 2006, 74, .	3.2	76
36	Dependence of Carrier Doping on the Impurity Potential in Transition-Metal-Substituted FeAs-Based Superconductors. Physical Review Letters, 2013, 110, 107007.	7.8	73

#	ARTICLE	IF	CITATIONS
37	Observations of multiple-carrier charge transport in the magnetocrystallographically ordered phase of BaFe_2As_2 . Physical Review B, 2011, 84, .	3.2	72
38	Ultrafast magnetization dynamics of antiferromagnetic compounds. Journal Physics D: Applied Physics, 2008, 41, 164005.	2.8	69
39	Effect of Co Doping on the In-Plane Anisotropy in the Optical Spectrum of Underdoped $\text{Ba}_{1-x}\text{Sr}_x\text{FeAs}_2$. Physical Review Letters, 2012, 109, 217003.	3.2	65
40	Reentrant Transition of the Charge-Ordered State in Perovskite Manganites. Journal of the Physical Society of Japan, 1997, 66, 302-305.	1.6	64
41	Quadrupolar effect in the perovskite manganite $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. Physical Review B, 2000, 62, 15012-15020.	3.2	64
42	Critical control of competition between metallic ferromagnetism and charge/orbital correlation in single crystals of perovskite manganites. Physical Review B, 2003, 68, .	3.2	64
43	Photoinduced spin dynamics in $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ observed by time-resolved magneto-optical Kerr spectroscopy. Physical Review B, 2003, 68, .	3.2	64
44	Growth of Highly Insulating Bulk Single Crystals of Multiferroic BiFeO_3 and Their Inherent Internal Strains in the Domain-Switching Process. Crystal Growth and Design, 2011, 11, 5139-5143.	3.0	54
45	Charge-orbital ordering near the multicritical point in A-site ordered perovskites $\text{SmBaMn}_2\text{O}_6$ and $\text{NdBaMn}_2\text{O}_6$. Physical Review B, 2004, 70, .	3.2	52
46	Thermoelectric Power in Transition-Metal Monosilicides. Journal of the Physical Society of Japan, 2007, 76, 093601.	1.6	51
47	Charge/orbital ordering in perovskite manganites. Journal of Alloys and Compounds, 2001, 326, 27-35.	5.5	50
48	Displacive lattice excitation through nonlinear phononics viewed by femtosecond X-ray diffraction. Solid State Communications, 2013, 169, 24-27.	1.9	48
49	Normal-state charge dynamics in doped BaFe_2As_2 : Roles of doping and necessary ingredients for superconductivity. Scientific Reports, 2014, 4, 5873.	3.3	48
50	Multicritical End Point of the First-Order Ferromagnetic Transition in Colossal Magnetoresistive Manganites. Physical Review Letters, 2008, 101, 037206.	7.8	47
51	Evolution of Spin-Wave Excitations in Ferromagnetic Metallic Manganites. Physical Review Letters, 2006, 96, 047204.	7.8	45
52	Magnetic coupling in the insulating and metallic ferromagnetic $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. Physical Review B, 2001, 64, .	3.2	43
53	Effect of Doping on the Magnetocrystallographically Ordered Phase of Iron Arsenides: A Comparative Study of the Resistivity Anisotropy in Doped BaFe_2As_2 with Doping into Three Different Sites. Journal of the American Chemical Society, 2013, 135, 3158-3163.	13.7	43
54	Measurement of spin polarization of single crystals of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ and $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$. Physical Review B, 2002, 66, .	3.2	42

#	ARTICLE	IF	CITATIONS
55	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, .	3.2	42
56	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.	1.6	42
57	Strong pinning effect and magnetic nanodomain formation by coupling between magnetic and crystallographic domains in the ordered double perovskite $\text{Ba}_2\text{FeMoO}_6$. <i>Physical Review B</i> , 2007, 75, .	3.2	39
58	High-pressure synthesis and physical properties of new iron (nickel)-based superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 355-369.	1.2	39
59	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.	1.5	39
60	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, .	3.2	36
61	Gate Control of Electronic Phases in a Quarter-Filled Manganite. <i>Scientific Reports</i> , 2013, 3, 2904.	3.3	36
62	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.	1.6	35
63	Temperature dependent evolution of the electronic and local atomic structure in the cubic colossal magnetoresistive manganite $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Physical Review B</i> , 2009, 80, .	3.2	35
64	Photoinduced switching between charge and orbital ordered insulator and ferromagnetic metal in perovskite manganites. <i>Physical Review B</i> , 2008, 77, .	3.2	35
65	Possible hydrogen doping and enhancement of T_c (≈ 35 K) in a LaFeAsO -based superconductor. <i>Applied Physics Letters</i> , 2010, 96, 072514.	3.3	35
66	Magnetic and electronic properties of $\text{Ba}_{1-x}\text{Sr}_x\text{MnO}_3$ single crystals. <i>Physical Review B</i> , 2009, 80, .	3.2	34
67	Crystals with $\text{BaNi}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Physical Review B</i> , 2009, 79, .	3.2	32
68	Orbital correlations in doped manganites. <i>Applied Physics A: Materials Science and Processing</i> , 2001, 73, 723-730.	2.3	31
69	Magnetism and transport in $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ single crystals ($0.48 < x < 0.57$). <i>Physical Review B</i> , 2002, 66, .	3.2	31
70	Bandwidth-disorder phase diagram of half-doped layered manganites. <i>Physical Review B</i> , 2006, 74, .	3.2	31
71	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> , 2007, 75, .	3.2	31
72	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	30

#	ARTICLE	IF	CITATIONS
73	Lattice effects of orbital and charge orderings in the perovskite manganite $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. Physical Review B, 2004, 69, .	3.2	30
74	Microscopic spin interactions in colossal magnetoresistance manganites. Physical Review B, 2002, 66, .	3.2	29
75	Magnetic field observations in CoFeB/Ta layers with 0.67-nm resolution by electron holography. Scientific Reports, 2017, 7, 16598.	3.3	29
76	Growth of single crystal PrFeAsO_{1-y} and its characterization. Physica C: Superconductivity and Its Applications, 2009, 469, 901-904.	1.2	28
77	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. Applied Physics Letters, 2004, 84, 2361-2363.	3.3	26
78	Orbital domain dynamics in a doped manganite. New Journal of Physics, 2008, 10, 053023.	2.9	26
79	Ferromagnetic Enhancement of CE-Type Spin Ordering in $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. Physical Review Letters, 2011, 106, 186404.	4.1	31
80	Spatial Properties of the Photoinduced Transition in $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$. Journal of the Physical Society of Japan, 1997, 66, 3570-3576.	1.6	25
81	Anisotropy of the superconducting gap in the iron-based superconductor $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$. Scientific Reports, 2014, 4, 7292.	3.3	25
82	Structural response to O^{2-} and magnetic transitions in orthorhombic perovskites. Physical Review B, 2002, 66, .	3.2	24
83	Changes of magnetic domain structure induced by temperature-variation and electron-beam irradiation in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$. Applied Physics Letters, 2005, 86, 131913.	3.3	24
84	Effects of uniaxial pressure and annealing on the resistivity of $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Journal of Physics and Chemistry of Solids, 2011, 72, 418-419.	4.0	24
85	Strong Electronic Correlations in Iron Pnictides: Comparison of Optical Spectra for BaFe_2As_2 -Related Compounds. Journal of the Physical Society of Japan, 2014, 83, 104703.	1.6	24
86	Strong carrier-scattering in iron-pnictide superconductors		

#	ARTICLE	IF	CITATIONS
91	Electronically smecticlike liquid-crystal phase in a nearly half-doped manganite. Physical Review B, 2005, 72, .	3.2	15
92	Optical phase diagram of perovskite colossal magnetoresistance manganites near half doping. Physical Review B, 2008, 77, .	3.2	15
93	Glass-like recovery of antiferromagnetic spin ordering in a photo-excited manganite Pr _{0.7} Ca _{0.3} MnO ₃ . Scientific Reports, 2015, 4, 4050.	3.3	15
94	Oxygen Diffusion and Nonstoichiometry in BiFeO ₃ . Inorganic Chemistry, 2013, 52, 12806-12810.	4.0	14
95	Neutron inelastic scattering measurements of low-energy phonons in the multiferroic BiFeO ₃ . Physical Review B, 2015, 91, .	3.2	15
96	Effect of Quenched Disorder on Charge-Orbital-Spin Ordering in Single-Layer Manganites. Journal of the Physical Society of Japan, 2006, 75, 053602.	1.6	12
97	Temperature-dependent photoemission spectra, spectral weight transfer, and chemical potential shift in Pr _{1-x} Ca _x MnO ₃ : Implications for charge-density modulation. Physical Review B, 2007, 76, .	3.2	12
98	Electronic structure of BaNi ₂ by angle-resolved photoemission spectroscopy. Physical Review B, 2014, 89, .	3.2	12
99	Ultrasonic study of orbital and charge fluctuation in Pr _{1-x} Ca _x MnO ₃ . Physica B: Condensed Matter, 2002, 312-313, 757-759.	2.7	10
100	Anomalous low-temperature specific heat around the metal-insulator transition in ordered double-perovskite alloys Sr ₂ Fe(Mo _{1-y} W _y)O ₆ (0 < y < 1). Physical Review B, 2003, 68, .	3.2	10
101	Signature of magnetic phase separation in the ground state of Pr _{1-x} Ca _x MnO ₃ . Physical Review B, 2008, 78, .	3.2	10
102	Synthesis and Physical Properties of Ln _{1-y} FeAsO _{1-y} . Journal of the Physical Society of Japan, 2008, 77, 36-39.	1.6	10
103	Effects of Zn substitution on the electronic structure of BaFe ₂ As ₂ revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2013, 87, .	3.2	10
104	Ultrafast x-ray and optical signatures of phase competition and separation underlying the photoinduced metallic phase in Pr _{1-x} Ca _x MnO ₃ . Physical Review B, 2015, 92, .	3.2	10
105	Enhancement of Photoinduced Charge-Order Melting via Anisotropy Control by Double-Pulse Excitation in Perovskite Manganites: Chemical potential shift induced by double-exchange and polaronic effects in Pr _{0.6} Ca _{0.4} MnO ₃ . Physical Review B, 2015, 92, .	7.8	10
106	Chemical potential shift induced by double-exchange and polaronic effects in Nd _{1-x} Sr _x MnO ₃ . Physical Review B, 2015, 92, .	3.2	9
107	Phase competition and long-period charge/orbital ordering in the overdoped distorted perovskite manganites R _{1-x} MnO ₃ . Physical Review B, 2009, 80, .	3.2	9
108	Electronic phase diagram of half-doped perovskite manganites on the plane of quenched disorder versus one-electron bandwidth. Physical Review B, 2018, 97, .	3.2	9

#	ARTICLE	IF	CITATIONS
109	Relaxor behavior in manganites (invited). Journal of Applied Physics, 2001, 89, 6857-6862.	2.5	8
110	Novel stripe-type charge ordering in the metallic A-type antiferromagnet Pr _{0.5} Sr _{0.5} MnO ₃ . Physica B: Condensed Matter, 2003, 329-333, 679-680.	2.7	8
111	Pinning effect of the antiphase and grain boundaries on magnetic domains in double perovskite A ₂ FeMoO ₆ . Journal of Magnetism and Magnetic Materials, 2007, 310, 1572-1574.	2.3	8
112	A Key for Photoinduced Insulator-Metal Transitions in Manganites: Lattice Constant Matching between Charge/Orbital Ordered Insulator and Ferromagnetic Metal. Journal of the Physical Society of Japan, 2009, 78, 023707.	1.6	8
113	Role of orbital correlation in colossal magnetoresistance. Journal of Magnetism and Magnetic Materials, 2002, 239, 170-172.	2.3	7
114	Asymmetric behavior of charge-orbital order in electron/hole-doped A-site ordered manganites Eu(Ba _{1-y} La _y)Mn ₂ O ₆ and (Eu _{1-x} Ca _x)BaMn ₂ O ₆ . Physical Review B, 2006, 74, .	3.2	7
115	Imaging of variation in charge/orbital/spin ordering structure in Sm _{1-x} Sr _x MnO ₃ (x=0.55 and 0.6). Applied Physics Letters, 2009, 94, 082509.	3.3	7
116	Spin excitations used to probe the nature of exchange coupling in the magnetically ordered ground state of $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ (x=0.5 and 0.6). Physical Review B, 2016, 94, .	3.2	7
117	Perturbed angular correlation study of Pr _{1-x} Ca _x MnO ₃ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1667-E1668.	2.3	6
118	Spin waves and phonons in the CMR ferromagnet La _{0.70} Ca _{0.30} MnO ₃ . Physica B: Condensed Matter, 2006, 385-386, 66-68.	2.7	6
119	Ultrafast photoinduced ferromagnetism in the perovskite manganite Gd _{0.55} Sr _{0.45} MnO ₃ . Journal of Applied Physics, 2008, 103, 07B110.	2.5	6
120	Evolutions of Metallic Ferromagnetism and Magnetotransport Properties of La _{1-x} Ba _x MnO ₃ Single Crystals with 0 ≤ x ≤ 0.5. Journal of the Physical Society of Japan, 2015, 84, 024703.	1.6	6
121	Kinetic pathway facilitated by a phase competition to achieve a metastable electronic phase. Physical Review B, 2021, 103, .	3.2	6
122	Magnetoresistive properties of Pr _{0.65} Ca _{0.21} Sr _{0.14} MnO ₃ ferromagnets: Evidence of phase separation. Journal of Applied Physics, 2002, 91, 7727.	2.5	5
123	Jahn-Teller distortion and cluster-glass like behavior in La _{0.875} Ca _{0.125} MnO ₃ . Journal of Physics and Chemistry of Solids, 2002, 63, 939-942.	4.0	5
124	Phase diagrams of perovskite-type manganese oxides. Journal of Physics and Chemistry of Solids, 2006, 67, 2214-2221.	4.0	5
125	Effect of pressure on the spin-polarized intergrain tunneling in single and polycrystalline Sr ₂ FeMoO ₆ . Physical Review B, 2007, 75, .	3.2	5
126	A Resistive Transition between the Normal and Superconducting State of BaNi ₂ P ₂ Single Crystals. Journal of the Physical Society of Japan, 2008, 77, 136-137.	1.6	5

#	ARTICLE	IF	CITATIONS
127	Microscopic origin of ferrimagnetism of a double perovskite $\text{Sr}_{2-x}\text{FeMoO}_6$: An x-ray magnetic circular dichroism study. <i>Journal of Physics: Conference Series</i> , 2014, 502, 012003.	0.4	5
128	Magnetotransport Properties of $\text{Eu}_{1-x}\text{La}_x\text{TiO}_3$ (0 ≤ x ≤ 0.07) Single Crystals. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 094716.	1.6	5
129	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.	1.6	5
130	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.	4.0	4
131	Optical response of FeAs-based compounds. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S326-S327.	1.2	4
132	Time-resolved studies of phase transition dynamics in strongly correlated manganites. <i>Journal of Physics: Conference Series</i> , 2009, 148, 012013.	0.4	3
133	Growth of PrFeAsO_{1-x} single crystals and its characterization. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S322-S323.	1.2	3
134	Superconducting gap in iron pnictides studied by optical spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 511-513.	4.0	3
135	Two superconducting transitions in single-crystal $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$. <i>Physical Review B</i> , 2017, 95, .	3.2	3
136	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.	2.3	2
137	Chemical potential landscape in band filling and bandwidth-control of manganites: Photoemission spectroscopy measurements. <i>Physical Review B</i> , 2008, 78, .	3.2	2
138	Domain mapping of a Ca-doped manganite. <i>Applied Physics Letters</i> , 2008, 92, 131907.	3.3	2
139	Transport properties of single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 905-907.	1.2	2
140	Quantum oscillations in iron-based superconductors: BaFe_2As_2 vs. KFe_2As_2 . <i>Journal of Physics: Conference Series</i> , 2013, 449, 012022.	0.4	2
141	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.	0.4	2
142	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
143	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.	2.3	1
144	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.	2.7	1

#	ARTICLE	IF	CITATIONS
145	Effect of pressure on the electrical resistivity of double perovskite SrFeWMoO. Physica B: Condensed Matter, 2005, 359-361, 1327-1329.	2.7	1
146	Magnetoresistance and Curie temperature of double perovskite Sr ₂ FeW _{0.75} Mo _{0.25} O ₆ under high pressure. Physica B: Condensed Matter, 2006, 378-380, 546-547.	2.7	1
147	Insulator-to-Metal Transition Induced by Mid-IR Vibrational Excitation in a Magnetoresistive Manganite. Springer Series in Chemical Physics, 2007, , 588-590.	0.2	1
148	X-ray Diffraction Study on Charge and Orbital Order in Pr _{0.65} Ca _{0.35} MnO ₃ under High Pressure. Journal of the Physical Society of Japan, 2007, 76, 124603.	1.6	1
149	Order-disorder phenomena in the charge-orbital sectors of half-doped manganites with the two-dimensional Mn-O network. Journal of Magnetism and Magnetic Materials, 2007, 310, 1963-1965.	2.3	1
150	Doping effect on the carrier scattering in iron-pnictide superconductors studied by charge transport. Journal of Physics and Chemistry of Solids, 2011, 72, 407-409.	4.0	1
151	Multiple broken symmetries in striped $\text{La}_{1-x}\text{Mn}_2\text{O}_7$ by the field-symmetric Nernst effect. Physical Review B, 2016, 93, .	2.2	0
152	HIGH PRESSURE STUDY OF NOVEL ELECTRONIC PROPERTIES IN Sr ₂ Fe(W _{1-x} Mo _x)O ₆ NEAR METAL-INSULATOR TRANSITION. International Journal of Modern Physics B, 2007, 21, 3279-3284.	2.0	0
153	Photoemission Study of Perovskite-Type Manganites with Stripe Ordering. Journal of Superconductivity and Novel Magnetism, 2007, 20, 543-546.	1.8	0
154	Characteristic charge transport in oxygen-deficiency-controlled $\text{La}_{1-x}\text{FeAsO}$ ($\text{Ln} = \text{La}$ and Nd). Physica C: Superconductivity and Its Applications, 2010, 470, S324-S325.	1.2	0
155	Imaging of 3dMn orbitals in the ferromagnetic state for Ca-substituted manganite: Magnetic Compton investigation. Physical Review B, 2012, 85, .	3.2	0