

# Ichiro Terasaki

## List of Publications by Year in descending order

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343  
papers

12,096  
citations

53794

45  
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31849

101  
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353  
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353  
docs citations

353  
times ranked

7380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large thermoelectric power in NaCo <sub>2</sub> O <sub>4</sub> single crystals. Physical Review B, 1997, 56, R12685-R12687.	3.2	2,596
2	Observation of the spin-Peierls transition in linear Cu <sup>2+</sup> (spin-1/2) chains in an inorganic compound CuGeO <sub>3</sub> . Physical Review Letters, 1993, 70, 3651-3654.	7.8	1,439
3	Distinct Fermi-Momentum-Dependent Energy Gaps in Deeply Underdoped Bi <sub>2</sub> 212. Science, 2006, 314, 1910-1913.	12.6	337
4	Complex Oxide Materials for Potential Thermoelectric Applications. MRS Bulletin, 2006, 31, 206-210.	3.5	327
5	Effects of substitution of Zn for Cu in the spin-Peierls cuprate, CuGeO <sub>3</sub> : The suppression of the spin-Peierls transition and the occurrence of a new spin-glass state. Physical Review Letters, 1993, 71, 4059-4062.	7.8	299
6	An oxide thermal rectifier. Applied Physics Letters, 2009, 95, .	3.3	271
7	Magnetic phase diagram of the spin-Peierls cuprate CuGeO <sub>3</sub> . Physical Review B, 1993, 48, 9616-9619.	3.2	197
8	An organic thyristor. Nature, 2005, 437, 522-524.	27.8	194
9	Unconventional magnetic transition and transport behavior in Na <sub>0.75</sub> CoO <sub>2</sub> . Physical Review B, 2003, 67, .	3.2	189
10	Specific-heat evidence for strong electron correlations in the thermoelectric material (Na,Ca)Co <sub>2</sub> O <sub>4</sub> . Physical Review B, 1999, 60, 10580-10583.	3.2	172
11	Low thermal conductivity of the layered oxide (Na,Ca)Co <sub>2</sub> O <sub>4</sub> : Another example of a phonon glass and an electron crystal. Physical Review B, 2000, 61, 12551-12555.	3.2	162
12	Anomalous dielectric response in the dimer Mott insulator $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$		

#	ARTICLE	IF	CITATIONS
19	Impurity-induced transition and impurity-enhanced thermopower in the thermoelectric oxide $\text{NaCo}_2\text{As}_x\text{Cu}_x\text{O}_4$ . <i>Physical Review B</i> , 2002, 65, .	3.2	85
20	Transport properties and electronic states of the thermoelectric oxide $\text{NaCo}_2\text{O}_4$ . <i>Physica B: Condensed Matter</i> , 2003, 328, 63-67.	2.7	85
21	The optical study of the doping effect in single-crystal $\text{Bi}_2\text{Sr}_2(\text{Ca}, \text{A})\text{Cu}_2\text{O}_{8+x}$ (A=Y or Nd). <i>Physica C: Superconductivity and Its Applications</i> , 1990, 165, 152-160.	1.2	81
22	Spin-liquid-like state in a spin-1/2 square-lattice antiferromagnet perovskite induced by $d_{10}\hat{e}d_0$ cation mixing. <i>Nature Communications</i> , 2018, 9, 1085.	12.8	81
23	Thermal conductivity of the thermoelectric layered cobalt oxides measured by the Harman method. <i>Journal of Applied Physics</i> , 2004, 96, 931-933.	2.5	80
24	Large Dielectric Constant and Giant Nonlinear Conduction in the Organic Conductor $\hat{I}_2(\text{BEDT-TTF})_2\text{CsZn}(\text{SCN})_4$ . <i>Journal of the Physical Society of Japan</i> , 2004, 73, 3364-3369.	1.6	78
25	Effects of next-nearest-neighbor hopping $t^2$ on the electronic structure of cuprate superconductors. <i>Physical Review B</i> , 2004, 70, .	3.2	74
26	Optical study of c-axis charge dynamics in $\text{YBa}_2\text{Cu}_3\text{O}_y$ : nnCarrier self-confinement in the normal and the superconducting states. <i>Physical Review B</i> , 1997, 55, 6051-6060.	3.2	73
27	The giant anomalous Hall effect in the ferromagnet $\text{Fe}_3\text{Sn}_2$ a frustrated kagome metal. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 112205.	1.8	72
28	Thermoelectric characteristics of (Zn,Al)O/hydroquinone superlattices. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13619.	10.3	68
29	Impurity effects on the superconducting coherence length in Zn- or Ni-doped $\text{YBa}_2\text{Cu}_3\text{O}_{6.9}$ single crystals. <i>Physical Review B</i> , 1999, 60, 114-117.	3.2	63
30	Oxygen nonstoichiometry and cobalt valence in misfit-layered cobalt oxides. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3149-3155.	2.9	62
31	X-ray absorption study of layered Co oxides with a Co-O triangular lattice. <i>Physical Review B</i> , 2005, 71, .	3.2	57
32	Nanostructuring and more. <i>Nature Materials</i> , 2008, 7, 616-617.	27.5	55
33	Colossal Seebeck effect enhanced by quasi-ballistic phonons dragging massive electrons in $\text{FeSb}_2$ . <i>Nature Communications</i> , 2016, 7, 12732.	12.8	55
34	Low-temperature magnetotransport of the narrow-gap semiconductor $\text{FeSb}_2$ . <i>Physical Review B</i> , 2011, 84, .	3.2	54
35	Large In-Plane Anisotropy on Resistivity and Thermopower in the Misfit Layered Oxide $\text{Bi}_{2-x}\text{Pb}_x\text{Sr}_2\text{Co}_2\text{O}_y$ . <i>Japanese Journal of Applied Physics</i> , 2002, 41, L783-L786.	1.5	53
36	Physical Properties of Bi-Based Rhodium Oxides with $\text{RhO}_2$ Hexagonal Layers. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 1834-1837.	1.5	53

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37	Current-Induced Gap Suppression in the Mott Insulator $\text{CaRuO}_4$ . Journal of the Physical Society of Japan, 2013, 82, 103702.	1.6	53
38	Pressure/temperature/substitution-induced melting of A-site charge disproportionation in $\text{Bi}_{1-x}\text{La}_x\text{NiO}_3$ ( $0 \leq x \leq 0.5$ ). Physical Review B, 2005, 72, .	3.2	51
39	Thermoelectric Properties of $\text{NaCo}_{2-x}\text{Cu}_x\text{O}_4$ Improved by the Substitution of Cu for Co. Japanese Journal of Applied Physics, 2001, 40, L65-L67.	1.5	50
40	Thermoelectric Properties of Sintered and Textured Nd-Substituted $\text{Ca}_3\text{Co}_4\text{O}_9$ Ceramics. Japanese Journal of Applied Physics, 2007, 46, 6533.	1.5	50
41	Doping dependence of anisotropic resistivities in the trilayered superconductor $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+\delta}$ . Physical Review B, 2002, 66, .	3.2	49
42	Low-temperature charge transport in $\text{PrBa}_2\text{Cu}_4\text{O}_8$ : Electronic states of the doped Cu-O chain. Physical Review B, 1996, 54, 11993-11996.	3.2	48
43	Cobalt Oxides and Kondo Semiconductors: A Pseudogap System as a Thermoelectric Material. Materials Transactions, 2001, 42, 951-955.	1.2	48
44	Transport properties of the delafossite Rh oxide $\text{Cu}_1\text{Ag}_x\text{Rh}_1\text{Mg}_y\text{O}_2$ : Effect of Mg substitution on the resistivity and Hall coefficient. Physical Review B, 2006, 74, .	3.2	47
45	Unusual impurity effects on the dielectric properties of $\text{CaCu}_3\text{MnTi}_4\text{O}_{12}$ . Physica B: Condensed Matter, 2003, 329-333, 771-772.	2.7	45
46	Thermal Rectification in the Vicinity of a Structural Phase Transition. Applied Physics Express, 2012, 5, 027302.	2.4	45
47	Optical reflectivity spectra of single-crystal $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{2n+4+x}$ ( $n=1$ and $2$ ). Physical Review B, 1990, 41, 865-868.	3.2	44
48	In-plane anisotropy of vortex-lattice melting in large $\text{YBa}_2\text{Cu}_3\text{O}_7$ single crystals. Physical Review B, 1998, 58, 5222-5225.	3.2	44
49	Novel thermoelectric properties of complex transition-metal oxides. Dalton Transactions, 2010, 39, 1005-1011.	3.3	44
50	High-temperature oxide thermoelectrics. Journal of Applied Physics, 2011, 110, .	2.5	43
51	Chemical potential shift in lightly doped to overdoped $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{R}_x\text{Cu}_2\text{O}_{8+y}$ ( $\text{R}=\text{Pr}, \text{Er}$ ). Physical Review B, 2003, 67, .	3.2	42
52	Electronic structure of $\text{CaCu}_3\text{Ru}_4\text{O}_{12}$ studied by x-ray photoemission spectroscopy. Physical Review B, 2006, 73, .	3.2	42
53	Multiferroic Behavior in the Quasi-One-Dimensional Frustrated Spin-1/2 System $\text{PbCuSO}_4(\text{OH})_2$ with $\text{Cu}_2$ Ribbon Chains. Journal of the Physical Society of Japan, 2011, 80, 033707.	1.6	41
54	Out-of-plane thermal conductivity of the layered thermoelectric oxide $\text{Bi}_2\text{Pb}_x\text{Sr}_2\text{Co}_2\text{O}_y$ . Physical Review B, 2004, 70, .	3.2	40

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55	Nano-Resolved Current-Induced Insulator-Metal Transition in the Mott Insulator $\text{CaMn}_2\text{P}_2\text{O}_{14}$ . Physical Review X, 2019, 9, .	8.9	40
56	Field-induced spin-state transition in the perovskite cobalt oxide $\text{Sr}_{1-x}\text{Y}_x\text{CoO}_3$ . Physical Review B, 2008, 78, .	3.2	39
57	Orbital Ordering of Intermediate-Spin State of $\text{Co}^{3+}$ in $\text{Sr}_3\text{YCo}_4\text{O}_{10.5}$ . Journal of the Physical Society of Japan, 2011, 80, 023711.	1.6	39
58	Structure-property relationship in the ordered-perovskite-related oxide $\text{Sr}_{3.12}\text{Er}_{0.88}\text{Co}_4\text{O}_{10.5}$ . Physical Review B, 2007, 75, .	3.2	38
59	Spectroscopic study of the electronic states of single-crystal $\text{CuGeO}_3$ . Physical Review B, 1995, 52, 295-298.	3.2	37
60	Synthesis, Structure, and Physical Properties of <i>A</i> -site Ordered Perovskites $\text{A}_3\text{Cu}_3\text{Co}_4\text{O}_{12}$ ( <i>A</i> = Ca and Y). Chemistry of Materials, 2010, 22, 5328-5332.	6.7	37
61	$S_{\text{square-lattice antiferromagnet}}$		

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73	Thermal Conductivity of $A_xBO_2$ -type Layered Oxides $Na_{0.77}MnO_2$ and $LiCoO_2$ . Japanese Journal of Applied Physics, 2002, 41, 763-764.	1.5	29
74	Scaling behaviour of the in-plane thermopower in $Bi_2Sr_2RCu_2O_8$ ( $R = Ca, Y, Pr, Dy$ and $Er$ ). Journal of Physics Condensed Matter, 2000, 12, 6199-6206.	1.8	28
75	Giant nonlinear conduction and thyristor-like negative differential resistance in $BaIrO_3$ single crystals. Physical Review B, 2006, 73, .	3.2	28
76	Disordered conduction in single-crystalline dimer Mott compounds. Physical Review B, 2013, 88, .	3.2	28
77	Photo-Seebeck effect in tetragonal $PbO$ single crystals. Journal of Applied Physics, 2013, 114, 173710.	2.5	28
78	Spin State Control of the Perovskite $Rh/Co$ Oxides. Materials, 2010, 3, 786-799.	2.9	27
79	Atomic layer deposition of Al-doped $ZnO$ thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2013, 31, .	2.1	27
80	Fabrication of $\lambda$ -structured $Bi$ - $Te$ thermoelectric micro-device by electrodeposition. Electrochimica Acta, 2015, 153, 515-522.	5.2	27
81	Doping effects on the anisotropic magnetic susceptibility in single-crystal $La_{2-x}Sr_xCuO_4$ . Physica C: Superconductivity and Its Applications, 1992, 193, 365-370.	1.2	26
82	Effect of substitution of $Zn^{2+}$ for $Cu^{2+}$ on the magnetic properties of $La_2Cu_{1-x}Zn_xO_4$ single crystals. Physica B: Condensed Matter, 1995, 205, 234-248.	2.7	26
83	Universality of the electronic structure from a half-filled $CuO_2$ plane. Physical Review B, 2003, 67, .	3.2	25
84	Optical study of the doping effect in the metallic oxide $(Nd,Sr)CoO_3$ . Physical Review B, 1991, 43, 551-554.	3.2	24
85	Transport properties of the layered $Rh$ oxide $K_{0.49}RhO_2$ . Journal of Physics Condensed Matter, 2010, 22, 115603.	1.8	24
86	Transport Properties of Misfit-Layered Cobalt Oxide $[Sr_2O_2\hat{c}]_{0.53}CoO_2$ . Journal of the Physical Society of Japan, 2006, 75, 104716.	1.6	23
87	High-Temperature Metallic State of Room-Temperature Ferromagnet $Sr_{1-x}Y_xCoO_{3-\hat{c}}$ . Journal of the Physical Society of Japan, 2006, 75, 103702.	1.6	23
88	Bulk-sensitive photoemission study of $ACu_3Ru_4O_{12}$ ( $A=Ca, Na,$ and $La$ ) with heavy-fermion behavior. Physical Review B, 2009, 80, .	3.2	23
89	Nonlinear dynamics of conduction electrons in organic conductors. Physical Review B, 2009, 79, .	3.2	23
90	Chemical and Physical Pressure Effects on the Magnetic and Transport Properties of the A-Site Ordered Perovskite $Sr_{3-y}YCo_4O_{10.5}$ . Journal of the Physical Society of Japan, 2009, 78, 094711.	1.6	23

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91	Thermoelectric module made of perovskite cobalt oxides with large thermopower. Journal of Applied Physics, 2011, 110. Antiferromagnetic order and consequences on the transport properties of Ba $\text{Ru}_4\text{O}_{10}$	2.5	23
92	Antiferromagnetic order and consequences on the transport properties of Ba $\text{Ru}_4\text{O}_{10}$	3.2	23
93	Research Update: Oxide thermoelectrics: Beyond the conventional design rules. APL Materials, 2016, 4, .	5.1	23
94	Metal-insulator transition in $\text{Ca}_{1-x}\text{Li}_x\text{Pd}_3\text{O}_4$ . Physical Review B, 2003, 68, .	3.2	22
95	Thermoelectric Properties of Oxygen-Tuned ALD-Grown $[\text{Ca}_{2-x}\text{CoO}_3]_{0.62}[\text{CoO}_2]$ Thin Films. Chemistry of Materials, 2010, 22, 5900-5904.	6.7	22
96	Improper Ferroelectricity in Stuffed Aluminate Sodalites for Pyroelectric Energy Harvesting. Physical Review Applied, 2017, 7, .	3.8	22
97	Thin film growth of layered cobalt oxide $\text{Bi}_2\text{Sr}_3\text{Co}_2\text{O}_9$ nearly isomorphic to $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ superconductors. Journal of Applied Physics, 1994, 76, 1317-1319.	2.5	21
98	Effect of Impurity on Magnetic Phase of Spin-Peierls System; Magnetization of $\text{Cu}_{1-x}\text{Zn}_x\text{GeO}_3$ . Journal of the Physical Society of Japan, 1996, 65, 273-279.	1.6	21
99	Negative Thermoelectric Power Induced by Positive Carriers in $\text{CaMn}_{3-x}\text{Cu}_x\text{Mn}_4\text{O}_{12}$ . Journal of the Physical Society of Japan, 2004, 73, 523-525.	1.6	21
100	Heat Capacity in an Inorganic Spin-Peierls System $\text{CuGeO}_3$ . Journal of the Physical Society of Japan, 1994, 63, 365-366.	1.6	21
101	Kosterlitz-Thouless transitions in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ thin films associated with vortex-string pairing. Physical Review B, 1994, 50, 3363-3373.	3.2	20
102	Charge Order Competition Leading to Nonlinearity in Organic Thyristor Family. Journal of the Physical Society of Japan, 2010, 79, 044606.	1.6	20
103	Nonequilibrium Peierls Transition. Progress of Theoretical Physics, 2009, 121, 1289-1319.	2.0	19
104	Photo-induced change of dielectric response in $\text{BaCoSiO}_4$ stuffed tridymite. Journal of Applied Physics, 2014, 115, .	2.5	19
105	Weak Ferroelectricity in $n = 2$ Pseudo Ruddlesden-Popper-Type Niobate $\text{Li}_2\text{SrNb}_2\text{O}_7$ . Chemistry of Materials, 2019, 31, 6257-6261.	6.7	19
106	Superconducting Films of $\text{YBa}_2\text{Cu}_3\text{O}_x$ and $\text{Bi-Sr-Ca-Cu-O}$ Fabricated by Electron-Beam Deposition with a Single Source. Japanese Journal of Applied Physics, 1988, 27, L1480-L1483.	1.5	18
107	Weak Ferromagnetism in $\text{LaCo}_{1-x}\text{Rh}_x\text{O}_3$ : Anomalous Magnetism Emerging between Two Nonmagnetic End Phases. Journal of the Physical Society of Japan, 2011, 80, 04705.	1.6	18
108	Effects of ppm-Level Imperfection on the Transport Properties of $\text{FeSb}_2$ Single Crystals. Journal of the Physical Society of Japan, 2011, 80, 054708.	1.6	18

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109	Electron doping of ALD-grown ZnO thin films through Al and P substitutions. Journal of Materials Science, 2013, 48, 2806-2811.	3.7	18
110	Search for non-equilibrium thermoelectrics. Scripta Materialia, 2016, 111, 23-28.	5.2	18
111	Broadening of the resistive transition investigated by the conductance-fluctuation measurement. Physica B: Condensed Matter, 1990, 165-166, 1363-1364.	2.7	17
112	Optical reflectivity of single-crystal $\text{Bi}_2\text{M}_3\text{Co}_2\text{O}_9$ (M=Ca, Sr, and Ba) from the infrared to the vacuum-ultraviolet region. Physical Review B, 1993, 47, 451-456.	3.2	17
113	Linear ac magnetic response near the vortex-glass transition in single-crystalline $\text{YBa}_2\text{Cu}_3\text{O}_7$ . Physical Review B, 1994, 50, 9680-9683.	3.2	17
114	Out-of-plane transport in thick single-crystal $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . Physica C: Superconductivity and Its Applications, 1994, 235-240, 1413-1414.	1.2	17
115	Giant nonlinear conduction from inhomogeneous charge order in rapidly cooled $\text{(BEDT-TTF)}_2\text{RbZn(SCN)}_4$ . Physical Review B, 2009, 79, .	3.2	17
116	Magnetic and transport properties of the spin-state disordered oxide $\text{La}_{0.8}\text{Sr}_{0.2}\text{Co}_{1-x}\text{Rh}_x\text{O}_3$ . Physical Review B, 2011, 83, .	3.2	17
117	Photo-Seebeck effect in ZnS. Japanese Journal of Applied Physics, 2015, 54, 031203.	1.5	17
118	Origin of low-temperature residual absorption in $\text{YBa}_2\text{Cu}_3\text{O}_y$ . Solid State Communications, 1995, 94, 293-297.	1.9	16
119	Thermoelectric Properties of the Brownmillerite Oxide $\text{Ca}_{2-y}\text{La}_y\text{Co}_2\text{-xAl}_x\text{O}_5$ . Japanese Journal of Applied Physics, 2002, 41, 3025-3028.	1.5	16
120	Crystal Structure of Thermoelectric Compound $[\text{Bi}_{1.79}\text{Sr}_{1.98}\text{O}_y]_{0.63}[\text{RhO}_2]$ . Japanese Journal of Applied Physics, 2005, 44, 8557-8561.	1.5	16
121	Thermoelectric Properties of Layered Pd Oxide $\text{R}_2\text{PdO}_4$ (R = La, Nd, Sm, and Gd). Journal of the Physical Society of Japan, 2006, 75, 024705.	1.6	16
122	Dielectric constant and ac conductivity of the layered cobalt oxide $\text{Bi}_2\text{Sr}_2\text{Co}_2\text{O}_{10}$ . Physical Review B, 2011, 84, .	3.2	16
123	Current-Density Dependence of the Charge-Ordering Gap in the Organic Salt $\text{I}_3\text{-(BEDT-TTF)}_2\text{Cs}_x\text{M}_y(\text{SCN})_4$ (M=Zn, Co, and Tj). Physical Review B, 2011, 84, .	1.5	16
124	Optical study of the electronic structure and correlation effects in $\text{K}_2\text{RhO}_6$ . Physical Review B, 2011, 84, .	3.2	16
125	quasi-one-dimensional $\text{SrNbO}_3$ . Physical Review B, 2011, 84, .	3.2	16
126	High-temperature thermoelectric properties of the double-perovskite ruthenium oxide $(\text{Sr}_{1-x}\text{La}_x)_2\text{ErRuO}_6$ . Journal of Applied Physics, 2012, 112, 073714.	2.5	16



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127	Phase Transition from Weak Ferroelectricity to Incipient Ferroelectricity in $\text{Li}_2\text{Sr}(\text{Nb}_x\text{Ta}_{1-x})_2\text{O}_7$ . Chemistry of Materials, 2020, 32, 744-750.	6.7	16
128	Pressure effects on anisotropic resistivity in detwinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ : Unconventional carrier doping. Physical Review B, 1999, 60, R15035-R15038.	3.2	15
129	Anomalous Pd substitution effects in the thermoelectric oxide $\text{NaCo}_2\text{PdxO}_4$ . Journal of Physics Condensed Matter, 2002, 14, 12495-12501.	1.8	15
130	Current-Induced Metallic State in an Organic $(\text{EDT-TSF})_2\text{GaCl}_4$ Conductor. Journal of the American Chemical Society, 2006, 128, 9006-9007.	13.7	15
131	Transport properties of the thermoelectric layered cobalt oxide $\text{PbSrCoO}$ single crystals. Applied Physics Letters, 2006, 89, 072109.	3.3	15
132	Origin of colossal dielectric response of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ studied by using $\text{CaTiO}_3$ - $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ - $\text{CaTiO}_3$ multilayer thin films. Applied Physics Letters, 2007, 90, 242904.	3.3	15
133	Transport Properties and Cationic Substitutions in $\text{Sr}_2\text{IrO}_4$ . Journal of Electronic Materials, 2009, 38, 1331-1336.	2.2	15
134	Magnetic field induced ferroelectric transition of quasi one-dimensional frustrated quantum spin chain system $\text{Rb}_2\text{Cu}_2\text{Mo}_3\text{O}_{12}$ . Journal of Applied Physics, 2013, 113, 17D910.	2.5	15
135	Anomalous thickness-dependent optical energy gap of ALD-grown ultra-thin $\text{CuO}$ films. Journal of Physics Condensed Matter, 2016, 28, 475801.	1.8	15
136	Heterovalent Pb-substitution in ferroelectric bismuth silicate $\text{Bi}_2\text{SiO}_5$ . Journal of Materials Chemistry C, 2016, 4, 3168-3174.	5.5	15
137	Absence of Magnetic Long Range Order in $\text{Ba}_3\text{ZnRu}_2\text{O}_9$ : A Spin-Liquid Candidate in the $S = 3/2$ Dimer Lattice. Journal of the Physical Society of Japan, 2017, 86, 033702.	1.6	15
138	Photo-induced persistent enhancement of dielectric permittivity in $\text{Zn}:\text{BaAl}_2\text{O}_4$ . Applied Physics Letters, 2017, 111, .	3.3	15
139	Optical study of $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{4+2n}$ "Doping effects, n-dependence of the spectra and characteristics of the $\text{CuO}_2$ plane. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1017-1018.	1.2	14
140	Thermoelectric properties of $\text{Sr}_{1-x}\text{La}_x\text{PbO}_3$ ( $x \leq 0.02$ ). Journal of Physics Condensed Matter, 1999, 11, 5577-5582.	1.8	14
141	Introduction to thermoelectricity. , 2005, , 339-357.		14
142	Crystal Structure of Misfit-Layered Compound $[\text{Bi}_{1.94}\text{Ba}_{1.83}\text{O}_y]_{0.56}[\text{RhO}_2]$ . Japanese Journal of Applied Physics, 2006, 45, 179-185.	1.5	14
143	Unconventional critical behavior in the weak ferromagnet $\text{BaIrO}_3$ . Europhysics Letters, 2008, 84, 27004.	2.0	14
144	Thermal Conductivity and Thermoelectric Power of Semiconductors. , 2011, , 326-358.		14

#	ARTICLE	IF	CITATIONS
145	<p>ic anomaly in the quasi-one-dimensional frustrated spin-<math>\frac{1}{2}</math> system</p>		



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163	Coexisting Mechanisms for the Ferroelectric Phase Transition in $\text{Li}_{2-x}\text{SrNb}_2\text{O}_7$ . Chemistry of Materials, 2021, 33, 1257-1264.	6.7	12
164	Structural variations and dielectric properties of $\text{Ca}_{1-x}\text{Sr}_x\text{TiO}_3$ . Physical Review B, 2017, 95, 080402.	2.4	12
165	In-plane anisotropy on the transport properties in the modulated $\text{Bi}_2\text{O}_2$ -based conductors $\text{Bi}_{2-x}\text{Sr}_x\text{Co}_2\text{O}_{10}$ and $\text{Bi}_{2-x}\text{Sr}_x\text{Co}_2\text{O}_8$ . Physica C: Superconductivity and Its Applications, 2002, 378-381, 182-186.	1.2	11
166	Novel physics and functions in the layered cobalt oxides from thermoelectricity to ferromagnetism. Physica B: Condensed Matter, 2006, 383, 107-110.	2.7	11
167	Nonlinear conductivity with an extremely small threshold electric field in the organic conductor $(\text{TSM}^{\sim}\text{TTP})(\text{I}_3)_5$ . Physical Review B, 2007, 75, .	3.2	11
168	Unusual impurity effect on room-temperature ferromagnet $\text{Sr}_3\text{YCo}_4\text{O}_{10.56}$ . Progress in Solid State Chemistry, 2007, 35, 355-360.	7.2	11
169	Non-thermal Evidence for Current-Induced Melting of Charge Order in $\hat{\Gamma}_1\text{-(BEDT-TTF)}_2\text{CsZn(SCN)}_4$ . Journal of the Physical Society of Japan, 2008, 77, 065004.	1.6	11
170	Heat capacity proportional to $T^2$ induced by Ru substitution in $\text{CaCu}_3(\text{Ti}_{1-x}\text{Ru}_x)\text{O}_{12}$ ( $x \approx 0.5$ ). Physical Review B, 2009, 79, .	3.2	11
171	Origin of the energy gap in the narrow-gap semiconductor $\text{FeSb}_2$ revealed by high-pressure magnetotransport measurements. Physical Review B, 2013, 88, .	3.2	11
172	Photo-transport properties of $\text{Pb}_2\text{CrO}_5$ single crystals. Journal of Applied Physics, 2014, 116, .	2.5	11
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