

# Ichiro Terasaki

## List of Publications by Citations

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325  
papers

10,677  
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96  
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352  
ext. papers

11,479  
ext. citations

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avg, IF

6.1  
L-index

#	Paper	IF	Citations
325	Large thermoelectric power in NaCo2O4 single crystals. <i>Physical Review B</i> , <b>1997</b> , 56, R12685-R12687	3.3	2374
324	Observation of the spin-Peierls transition in linear Cu2+ (spin-1/2) chains in an inorganic compound CuGeO3. <i>Physical Review Letters</i> , <b>1993</b> , 70, 3651-3654	7.4	1348
323	Distinct Fermi-momentum-dependent energy gaps in deeply underdoped Bi2212. <i>Science</i> , <b>2006</b> , 314, 1910-3	33.3	321
322	Complex Oxide Materials for Potential Thermoelectric Applications. <i>MRS Bulletin</i> , <b>2006</b> , 31, 206-210	3.2	292
321	Effects of substitution of Zn for Cu in the spin-Peierls cuprate, CuGeO3: The suppression of the spin-Peierls transition and the occurrence of a new spin-glass state. <i>Physical Review Letters</i> , <b>1993</b> , 71, 4059-4062	7.4	292
320	An oxide thermal rectifier. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 171905	3.4	236
319	Magnetic phase diagram of the spin-Peierls cuprate CuGeO3. <i>Physical Review B</i> , <b>1993</b> , 48, 9616-9619	3.3	190
318	Unconventional magnetic transition and transport behavior in Na0.75CoO2. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	183
317	An organic thyristor. <i>Nature</i> , <b>2005</b> , 437, 522-4	50.4	171
316	Specific-heat evidence for strong electron correlations in the thermoelectric material (Na,Ca)Co2O4. <i>Physical Review B</i> , <b>1999</b> , 60, 10580-10583	3.3	154
315	Anomalous dielectric response in the dimer Mott insulator (BEDT-TTF)2Cu2(CN)3. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	142
314	Low thermal conductivity of the layered oxide (Na,Ca)Co2O4: Another example of a phonon glass and an electron crystal. <i>Physical Review B</i> , <b>2000</b> , 61, 12551-12555	3.3	133
313	Thermoelectric Properties of Bi2.3-xPbxSr2.6Co2Oy Single Crystals. <i>Japanese Journal of Applied Physics</i> , <b>2000</b> , 39, 6658-6660	1.4	127
312	A Novel Heavy-Fermion State in CaCu3Ru4O12. <i>Journal of the Physical Society of Japan</i> , <b>2004</b> , 73, 2373-2376	3.6	102
311	Na-site substitution effects on the thermoelectric properties of NaCo2O4. <i>Physical Review B</i> , <b>1999</b> , 60, 10584-10587	3.3	102
310	Thermal rectification in bulk materials with asymmetric shape. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 081915	3.4	92
309	CaCu3Ti4O12/CaTiO3 composite dielectrics: Ba/Pb-free dielectric ceramics with high dielectric constants. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 032902	3.4	91

308	Transport properties and electronic states of the thermoelectric oxide NaCo <sub>2</sub> O <sub>4</sub> . <i>Physica B: Condensed Matter</i> , <b>2003</b> , 328, 63-67	2.8	81
307	The optical study of the doping effect in single-crystal Bi <sub>2</sub> Sr <sub>2</sub> (Ca, A)Cu <sub>2</sub> O <sub>8+x</sub> (A=Y or Nd). <i>Physica C: Superconductivity and Its Applications</i> , <b>1990</b> , 165, 152-160	1.3	79
306	Room-temperature ferromagnetism in Sr <sub>1-x</sub> Y <sub>x</sub> CoO <sub>3</sub> (0.2 ≤ x ≤ 0.25). <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	78
305	Large Dielectric Constant and Giant Nonlinear Conduction in the Organic Conductor [(BEDT-TTF) <sub>2</sub> CsZn(SCN) <sub>4</sub> ]. <i>Journal of the Physical Society of Japan</i> , <b>2004</b> , 73, 3364-3369	1.5	77
304	Impurity-induced transition and impurity-enhanced thermopower in the thermoelectric oxide NaCo <sub>2-x</sub> Cu <sub>x</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	77
303	Thermal conductivity of the thermoelectric layered cobalt oxides measured by the Harman method. <i>Journal of Applied Physics</i> , <b>2004</b> , 96, 931-933	2.5	72
302	Effects of next-nearest-neighbor hopping $t'$ on the electronic structure of cuprate superconductors. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	71
301	Optical study of c-axis charge dynamics in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> : nnCarrier self-confinement in the normal and the superconducting states. <i>Physical Review B</i> , <b>1997</b> , 55, 6051-6060	3.3	67
300	Thermoelectric characteristics of (Zn,Al)O/hydroquinone superlattices. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 13619	13	62
299	Impurity effects on the superconducting coherence length in Zn- or Ni-doped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.9</sub> single crystals. <i>Physical Review B</i> , <b>1999</b> , 60, 114-117	3.3	60
298	Oxygen nonstoichiometry and cobalt valence in misfit-layered cobalt oxides. <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 3149-3155	3.3	59
297	X-ray absorption study of layered Co oxides with a Co-O triangular lattice. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	54
296	Large In-Plane Anisotropy on Resistivity and Thermopower in the Misfit Layered Oxide Bi <sub>2-x</sub> Pb <sub>x</sub> Sr <sub>2</sub> Co <sub>2</sub> O <sub>y</sub> . <i>Japanese Journal of Applied Physics</i> , <b>2002</b> , 41, L783-L786	1.4	50
295	Physical Properties of Bi-Based Rhodium Oxides with RhO <sub>2</sub> Hexagonal Layers. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, 1834-1837	1.4	48
294	Low-temperature magnetotransport of the narrow-gap semiconductor FeSb <sub>2</sub> . <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	46
293	Thermoelectric Properties of Sintered and Textured Nd-Substituted Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> Ceramics. <i>Japanese Journal of Applied Physics</i> , <b>2007</b> , 46, 6533-6538	1.4	46
292	Pressure/temperature/substitution-induced melting of A-site charge disproportionation in Bi <sub>1-x</sub> LaxNiO <sub>3</sub> (0 ≤ x ≤ 0.5). <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	45
291	Doping dependence of anisotropic resistivities in the trilayered superconductor Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10+δ</sub> <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	45

290	Low-temperature charge transport in PrBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> : Electronic states of the doped Cu-O chain. <i>Physical Review B</i> , <b>1996</b> , 54, 11993-11996	3-3	45
289	Thermal Rectification in the Vicinity of a Structural Phase Transition. <i>Applied Physics Express</i> , <b>2012</b> , 5, 027302	2-4	43
288	Transport properties of the delafossite Rh oxide Cu <sub>1-x</sub> Ag <sub>x</sub> Rh <sub>1-y</sub> Mg <sub>y</sub> O <sub>2</sub> : Effect of Mg substitution on the resistivity and Hall coefficient. <i>Physical Review B</i> , <b>2006</b> , 74,	3-3	43
287	Thermoelectric Properties of NaCo <sub>2-x</sub> Cu <sub>x</sub> O <sub>4</sub> Improved by the Substitution of Cu for Co. <i>Japanese Journal of Applied Physics</i> , <b>2001</b> , 40, L65-L67	1-4	43
286	Spin-liquid-like state in a spin-1/2 square-lattice antiferromagnet perovskite induced by d-d cation mixing. <i>Nature Communications</i> , <b>2018</b> , 9, 1085	17-4	41
285	Unusual impurity effects on the dielectric properties of CaCu <sub>3-x</sub> Mn <sub>x</sub> Ti <sub>4</sub> O <sub>12</sub> . <i>Physica B: Condensed Matter</i> , <b>2003</b> , 329-333, 771-772	2-8	41
284	Optical reflectivity spectra of single-crystal Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>n-1</sub> Cu <sub>n</sub> O <sub>2n+4+x</sub> (n=1 and 2). <i>Physical Review B</i> , <b>1990</b> , 41, 865-868	3-3	41
283	The giant anomalous Hall effect in the ferromagnet Fe <sub>3</sub> Sn <sub>2</sub> --a frustrated kagome metal. <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 112205	1-8	40
282	High-temperature oxide thermoelectrics. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 053705	2-5	39
281	Chemical potential shift in lightly doped to overdoped Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>1-x</sub> R <sub>x</sub> Cu <sub>2</sub> O <sub>8+y</sub> (R=Pr, Er). <i>Physical Review B</i> , <b>2003</b> , 67,	3-3	39
280	Cobalt Oxides and Kondo Semiconductors: A Pseudogap System as a Thermoelectric Material. <i>Materials Transactions</i> , <b>2001</b> , 42, 951-955	1-3	39
279	Novel thermoelectric properties of complex transition-metal oxides. <i>Dalton Transactions</i> , <b>2010</b> , 39, 10054-11	4-11	38
278	In-plane anisotropy of vortex-lattice melting in large YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> single crystals. <i>Physical Review B</i> , <b>1998</b> , 58, 5222-5225	3-3	37
277	Spectroscopic study of the electronic states of single-crystal CuGeO <sub>3</sub> . <i>Physical Review B</i> , <b>1995</b> , 52, 295-298	3-3	37
276	Colossal Seebeck effect enhanced by quasi-ballistic phonons dragging massive electrons in FeSb <sub>2</sub> . <i>Nature Communications</i> , <b>2016</b> , 7, 12732	17-4	36
275	Field-induced spin-state transition in the perovskite cobalt oxide Sr <sub>1-x</sub> Y <sub>x</sub> CoO <sub>3</sub> . <i>Physical Review B</i> , <b>2008</b> , 78,	3-3	35
274	Electronic structure of CaCu <sub>3</sub> Ru <sub>4</sub> O <sub>12</sub> studied by x-ray photoemission spectroscopy. <i>Physical Review B</i> , <b>2006</b> , 73,	3-3	35
273	Out-of-plane thermal conductivity of the layered thermoelectric oxide Bi <sub>2-x</sub> Pb <sub>x</sub> Sr <sub>2</sub> Co <sub>2</sub> O <sub>y</sub> . <i>Physical Review B</i> , <b>2004</b> , 70,	3-3	35

272	Structure-property relationship in the ordered-perovskite-related oxide Sr <sub>3.12</sub> Er <sub>0.88</sub> Co <sub>4</sub> O <sub>10.5</sub> . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	34
271	Current-Induced Gap Suppression in the Mott Insulator Ca <sub>2</sub> RuO <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 103702	1.5	33
270	Orbital Ordering of Intermediate-Spin State of Co <sup>3+</sup> in Sr <sub>3</sub> YCo <sub>4</sub> O <sub>10.5</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 023711	1.5	32
269	Multiferroic Behavior in the Quasi-One-Dimensional Frustrated Spin-1/2 System PbCuSO <sub>4</sub> (OH) <sub>2</sub> with CuO <sub>2</sub> Ribbon Chains. <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 033707	1.5	29
268	Photo-Seebeck Effect in ZnO. <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 114722	1.5	29
267	Two-staged magnetoresistance driven by the Ising-like spin sublattice in SrCo <sub>6</sub> O <sub>11</sub> . <i>Physical Review Letters</i> , <b>2007</b> , 98, 217201	7.4	29
266	Microstructure control on thermoelectric properties of Ca <sub>0.96</sub> Sm <sub>0.04</sub> MnO <sub>3</sub> synthesised by co-precipitation technique. <i>Materials Research Bulletin</i> , <b>2010</b> , 45, 558-563	5.1	28
265	New aspects of nonlinear conductivity in organic charge-transfer salts. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 4343		28
264	Universal charge transport of the Mn oxides in the high temperature limit. <i>Journal of Applied Physics</i> , <b>2004</b> , 95, 6825-6827	2.5	28
263	Transport Properties and Electronic States in the Layered Thermoelectric Rhodate (Bi <sub>1-x</sub> Pb <sub>x</sub> ) <sub>1.8</sub> Ba <sub>2</sub> Rh <sub>1.9</sub> O <sub>y</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2005</b> , 74, 1525-1528	1.5	28
262	Synthesis, Structure, and Physical Properties of A-site Ordered Perovskites ACu <sub>3</sub> Co <sub>4</sub> O <sub>12</sub> (A= Ca and Y). <i>Chemistry of Materials</i> , <b>2010</b> , 22, 5328-5332	9.6	27
261	Insight on the electronic state of Sr <sub>2</sub> IrO <sub>4</sub> revealed by cationic substitutions. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 295201	1.8	27
260	Atomic layer deposition of Al-doped ZnO thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2013</b> , 31, 01A109	2.9	26
259	Photo-Seebeck effect in tetragonal PbO single crystals. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 173710	2.5	26
258	Giant nonlinear conductivity and spontaneous current oscillation in an incommensurate organic superconductor. <i>Physical Review Letters</i> , <b>2008</b> , 100, 037001	7.4	26
257	Scaling behaviour of the in-plane thermopower in Bi <sub>2</sub> Sr <sub>2</sub> RCu <sub>2</sub> O <sub>8</sub> (R = Ca, Y, Pr, Dy and Er). <i>Journal of Physics Condensed Matter</i> , <b>2000</b> , 12, 6199-6206	1.8	26
256	Effect of substitution of Zn <sup>2+</sup> for Cu <sup>2+</sup> on the magnetic properties of La <sub>2</sub> Cu <sub>1-x</sub> Zn <sub>x</sub> O <sub>4</sub> single crystals. <i>Physica B: Condensed Matter</i> , <b>1995</b> , 205, 234-248	2.8	26
255	Doping effects on the anisotropic magnetic susceptibility in single-crystal La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>1992</b> , 193, 365-370	1.3	26

254	Normal-state transport properties of slightly overdoped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> crystals prepared by a crystal-pulling technique. <i>Physical Review B</i> , <b>1995</b> , 52, 16246-16254	3.3	25
253	Fabrication of $\pi$ -structured Bi-Te thermoelectric micro-device by electrodeposition. <i>Electrochimica Acta</i> , <b>2015</b> , 153, 515-522	6.7	24
252	Universality of the electronic structure from a half-filled CuO <sub>2</sub> plane. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	24
251	Thermal Conductivity of AxBO <sub>2</sub> -type Layered Oxides Na <sub>0.77</sub> MnO <sub>2</sub> and LiCoO <sub>2</sub> . <i>Japanese Journal of Applied Physics</i> , <b>2002</b> , 41, 763-764	1.4	24
250	Giant nonlinear conduction and thyristor-like negative differential resistance in BaIrO <sub>3</sub> single crystals. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	23
249	Optical study of the doping effect in the metallic oxide (Nd,Sr)CoO <sub>3</sub> . <i>Physical Review B</i> , <b>1991</b> , 43, 551-554.	3.3	23
248	Spin State Control of the Perovskite Rh/Co Oxides. <i>Materials</i> , <b>2010</b> , 3, 786-799	3.5	22
247	Thermoelectric Properties of Oxygen-Tuned ALD-Grown [Ca <sub>2</sub> CoO <sub>3</sub> ] <sub>0.62</sub> [CoO <sub>2</sub> ] Thin Films. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 5900-5904	9.6	22
246	Disordered conduction in single-crystalline dimer Mott compounds. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	21
245	Transport properties of the layered Rh oxide K <sub>0.49</sub> RhO <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 115603	1.8	21
244	Thermoelectric module made of perovskite cobalt oxides with large thermopower. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 123712	2.5	21
243	Nonlinear dynamics of conduction electrons in organic conductors. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	21
242	Transport Properties of Misfit-Layered Cobalt Oxide [Sr <sub>2</sub> O <sub>2</sub> ] <sub>1-x</sub> [CoO <sub>2</sub> ] <sub>x</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2006</b> , 75, 104716	1.5	21
241	Effect of Impurity on Magnetic Phase of Spin-Peierls System; Magnetization of Cu <sub>1-x</sub> Zn <sub>x</sub> GeO <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , <b>1996</b> , 65, 273-279	1.5	21
240	Nano-Resolved Current-Induced Insulator-Metal Transition in the Mott Insulator Ca <sub>2</sub> RuO <sub>4</sub> . <i>Physical Review X</i> , <b>2019</b> , 9,	9.1	21
239	Chemical and Physical Pressure Effects on the Magnetic and Transport Properties of the A-Site Ordered Perovskite Sr <sub>3</sub> YCo <sub>4</sub> O <sub>10.5</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2009</b> , 78, 094711	1.5	20
238	Kosterlitz-Thouless transitions in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+<math>\delta</math></sub> thin films associated with vortex-string pairing. <i>Physical Review B</i> , <b>1994</b> , 50, 3363-3373	3.3	20
237	Thin film growth of layered cobalt-oxide Bi <sub>2</sub> Sr <sub>3</sub> Co <sub>2</sub> O <sub>9+<math>\delta</math></sub> (nearly isomorphic to Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+<math>\delta</math></sub> ) superconductors. <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 1317-1319	2.5	20

236	Heat Capacity in an Inorganic Spin-Peierls System CuGeO <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , <b>1994</b> , 63, 365-366	1.5	20
235	Improper Ferroelectricity in Stuffed Aluminate Sodalites for Pyroelectric Energy Harvesting. <i>Physical Review Applied</i> , <b>2017</b> , 7,	4.3	19
234	Intrinsic Enhancement of Dielectric Permittivity in (Nb + In) co-doped TiO single crystals. <i>Scientific Reports</i> , <b>2017</b> , 7, 5351	4.9	19
233	Nonequilibrium Peierls Transition <b>2009</b> , 121, 1289-1319		19
232	Tuning the S=1/2 square-lattice antiferromagnet Sr <sub>2</sub> Cu(Te <sub>1-x</sub> W <sub>x</sub> )O <sub>6</sub> from Néel order to quantum disorder to columnar order. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	18
231	Bulk-sensitive photoemission study of ACu <sub>3</sub> Ru <sub>4</sub> O <sub>12</sub> (A=Ca, Na, and La) with heavy-fermion behavior. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	18
230	Antiferromagnetic order and consequences on the transport properties of Ba <sub>4</sub> Ru <sub>3</sub> O <sub>10</sub> . <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	18
229	Charge Order Competition Leading to Nonlinearity in Organic Thyristor Family. <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 044606	1.5	18
228	High-Temperature Metallic State of Room-Temperature Ferromagnet Sr <sub>1-x</sub> Y <sub>x</sub> CoO <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2006</b> , 75, 103702	1.5	18
227	Metal-insulator transition in Ca <sub>1-x</sub> Li <sub>x</sub> Pd <sub>3</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	18
226	Weak Ferromagnetism in LaCo <sub>1-x</sub> Rh <sub>x</sub> O <sub>3</sub> : Anomalous Magnetism Emerging between Two Nonmagnetic End Phases. <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 104705	1.5	17
225	Effects of ppm-Level Imperfection on the Transport Properties of FeSb <sub>2</sub> Single Crystals. <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 054708	1.5	17
224	Negative Thermoelectric Power Induced by Positive Carriers in CaMn <sub>3-x</sub> Cu <sub>x</sub> Mn <sub>4</sub> O <sub>12</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2004</b> , 73, 523-525	1.5	17
223	Linear ac magnetic response near the vortex-glass transition in single-crystalline YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>1994</b> , 50, 9680-9683	3.3	17
222	Broadening of the resistive transition investigated by the conductance-fluctuation measurement. <i>Physica B: Condensed Matter</i> , <b>1990</b> , 165-166, 1363-1364	2.8	17
221	Superconducting Films of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> and Bi-Sr-Ca-Cu-O Fabricated by Electron-Beam Deposition with a Single Source. <i>Japanese Journal of Applied Physics</i> , <b>1988</b> , 27, L1480-L1483	1.4	17
220	Electron doping of ALD-grown ZnO thin films through Al and P substitutions. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 2806-2811	4.3	16
219	Anisotropic thermoelectric properties associated with dimensional crossover in quasi-one-dimensional SrNbO <sub>3.4+d</sub> (d~0.03). <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	16



218	Current-Density Dependence of the Charge-Ordering Gap in the Organic Salt $[(\text{BEDT-TTF})_2\text{CsM}(\text{SCN})_4]$ (M=Zn, Co, and $\text{Co}_{0.7}\text{Zn}_{0.3}$ ). <i>Journal of the Physical Society of Japan</i> , <b>2009</b> , 78, 024714	1.5	16
217	Optical reflectivity of single-crystal $\text{Bi}_2\text{M}_3\text{Co}_2\text{O}_{9+\delta}$ (M=Ca, Sr, and Ba) from the infrared to the vacuum-ultraviolet region. <i>Physical Review B</i> , <b>1993</b> , 47, 451-456	3.3	16
216	Search for non-equilibrium thermoelectrics. <i>Scripta Materialia</i> , <b>2016</b> , 111, 23-28	5.6	15
215	Giant nonlinear conduction from inhomogeneous charge order in rapidly cooled $[(\text{BEDT-TTF})_2\text{RbZn}(\text{SCN})_4]$ . <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	15
214	Magnetic and transport properties of the spin-state disordered oxide $\text{La}_{0.8}\text{Sr}_{0.2}\text{Co}_{1-x}\text{Rh}_x\text{O}_3$ . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	15
213	Pressure effects on anisotropic resistivity in detwinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ Unconventional carrier doping. <i>Physical Review B</i> , <b>1999</b> , 60, R15035-R15038	3.3	15
212	Origin of low-temperature residual absorption in $\text{YBa}_2\text{Cu}_3\text{O}_y$ . <i>Solid State Communications</i> , <b>1995</b> , 94, 293-297	1.6	15
211	Research Update: Oxide thermoelectrics: Beyond the conventional design rules. <i>APL Materials</i> , <b>2016</b> , 4, 104501	5.7	15
210	Transport Properties and Cationic Substitutions in $\text{Sr}_2\text{IrO}_4$ . <i>Journal of Electronic Materials</i> , <b>2009</b> , 38, 1331-1336	1.4	14
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205	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. <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 185-189, 1017-1018	1.3	14
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41	Thermoelectric materials in layered transition-metal oxides <b>2005</b> ,		1
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37	The effects of the misfit structure on thermoelectric properties of $\text{Bi}_{2-x}\text{Pb}_x\text{Sr}_2\text{Co}_2\text{O}_{y+1}$ single crystals		1
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0.3

1 Electron correlation **2021**, 15-22