

Ichiro Terasaki

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.

325
papers

10,677
citations

41
h-index

96
g-index

352
ext. papers

11,479
ext. citations

3.3
avg, IF

6.1
L-index

#	Paper	IF	Citations
325	Ga-substitution effects on the improper ferroelectric phase transition of $\text{Ca}_8[\text{AlO}_2]_{12}(\text{MoO}_4)_2$. <i>Open Ceramics</i> , 2021 , 5, 100080	3.3	
324	Room Temperature Thermoelectric Properties of Isostructural Selenides Ta_2PdS_6 and Ta_2PdSe_6 . <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 033702	1.5	4
323	Unconventional high-temperature ferromagnetic semiconductor $\text{PbPd}_{1-x}\text{Fe}_x\text{Li}_x\text{O}_2$. <i>Journal of Applied Physics</i> , 2021 , 129, 203903	2.5	
322	Thermal Diffusivity of the Mott Insulator Ca_2RuO_4 in a Non-equilibrium Steady State. <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 063601	1.5	0
321	Size effect of the guest cation on the AlO framework in aluminate sodalite-type oxides $\text{M}[\text{AlO}](\text{SO})$ ($\text{M}' = \text{Sr}$ and Ca) in the I43m phase. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021 , 77, 186-192	1.8	0
320	Coexisting Mechanisms for the Ferroelectric Phase Transition in $\text{Li}_2\text{SrNb}_2\text{O}_7$. <i>Chemistry of Materials</i> , 2021 , 33, 1257-1264	9.6	3
319	Giant Peltier conductivity in an uncompensated semimetal Ta_2PdSe_6 . <i>JPhys Energy</i> , 2021 , 3, 044004	4.9	2
318	Electron correlation 2021 , 15-22		
317	Current-induced Giant Lattice Deformation in the Mott Insulator Ca_2RuO_4 . <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 044710	1.5	4
316	Examination of Nonlinear Conductivity on the Excitonic Insulator Candidate Ta_2NiSe_5 . <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 045001	1.5	2
315	Improper relaxor state in $(\text{Ca}_{1-x}\text{Sr}_x)_8[\text{AlO}_2]_{12}(\text{MoO}_4)_2$. <i>Physical Review Materials</i> , 2020 , 4,	3.2	1
314	Phase Transition from Weak Ferroelectricity to Incipient Ferroelectricity in $\text{Li}_2\text{Sr}(\text{Nb}_{1-x}\text{Ta}_x)_2\text{O}_7$. <i>Chemistry of Materials</i> , 2020 , 32, 744-750	9.6	9
313	Non-equilibrium Steady State in the Mott Insulator Ca_2RuO_4 . <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 093707	1.5	1
312	Permittivity boosting in yellow $(\text{Nb} + \text{In})$ co-doped TiO_2 . <i>Journal of Materials Chemistry C</i> , 2020 , 8, 13627-13631	4.3	12
311	Structural Phase Transitions and Possibility of the Relaxor-like State in Improper Ferroelectric Strontium-Substituted Calcium Sulfoaluminates. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 034718	1.5	4
310	Interplay between quantum paraelectricity and thermoelectricity in the photo-Seebeck effect in a SrTiO_3 single crystal. <i>Journal of Applied Physics</i> , 2019 , 126, 045111	2.5	3
309	Weak Ferroelectricity in $n = 2$ Pseudo Ruddlesden-Popper-Type Niobate $\text{Li}_2\text{SrNb}_2\text{O}_7$. <i>Chemistry of Materials</i> , 2019 , 31, 6257-6261	9.6	12

308	Drag Delivers Electricity. <i>JPSJ News and Comments</i> , 2019 , 16, 11	0.1	1
307	Antiferroelectric to Antiferroelectric-Relaxor Phase Transition in Calcium Strontium Sulfoaluminate. <i>Inorganic Chemistry</i> , 2019 , 58, 15410-15416	5.1	6
306	Nano-Resolved Current-Induced Insulator-Metal Transition in the Mott Insulator Ca ₂ RuO ₄ . <i>Physical Review X</i> , 2019 , 9,	9.1	21
305	Exciton Transport in the Electron-Hole System Ta ₂ NiSe ₅ . <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 113706	1.5	7
304	Magnetoelastic Coupling in the Perovskite-type Co Oxides Sr _{1-x} Y _x CoO ₃ . <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 124706	1.5	
303	Spin-liquid-like state in a spin-1/2 square-lattice antiferromagnet perovskite induced by d-d cation mixing. <i>Nature Communications</i> , 2018 , 9, 1085	17.4	41
302	Fabrication of ZnO-Based Thermoelectric Micro-Devices by Electrodeposition. <i>Journal of the Electrochemical Society</i> , 2018 , 165, D417-D422	3.9	6
301	Dynamical coupling of dilute magnetic impurities with quantum spin liquid state in the S = 3/2 dimer compound BaZnRuO. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 355801	1.8	3
300	Tuning the S=1/2 square-lattice antiferromagnet Sr ₂ Cu(Te _{1-x} W _x)O ₆ from Néel order to quantum disorder to columnar order. <i>Physical Review B</i> , 2018 , 98,	3.3	18
299	Structural variations and dielectric properties of (Bi _{1-x} La _x) ₂ SiO ₅ (0 ≤ x ≤ 1): Polycrystallines synthesized by crystallization of Bi-Si-O and Bi-La-Si-O glasses. <i>Physical Review Materials</i> , 2018 , 2,	3.2	9
298	Thermal expansion and magnetostriction measurements of perovskite-type Co oxides Sr _{1-x} Y _x CoO ₃ in high magnetic fields. <i>Journal of Physics: Conference Series</i> , 2018 , 969, 012109	0.3	
297	Transport and Magnetic Properties of CaPd _{3-x} Cu _x O ₄ (x = 0.4) with Interconnecting Cu(Pd)O ₄ Chain Structure. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 104603	1.5	1
296	Systematic tuning of the photo-dielectric effect in Ba(Al _{1-x} Zn _x) ₂ O ₄ . <i>Applied Physics Letters</i> , 2018 , 113, 212902	3.4	3
295	Unusually Small Thermal Expansion of Ordered Perovskite Oxide CaCuRuO ₃ with High Conductivity. <i>Materials</i> , 2018 , 11,	3.5	2
294	Microstructure and optical properties of ultra-thin NiO films grown by atomic layer deposition. <i>Semiconductor Science and Technology</i> , 2018 , 33, 115015	1.8	7
293	Impurity-Induced Spin-State Crossover in La _{0.8} Sr _{0.2} Co _{1-x} Al _x O ₃ . <i>Crystals</i> , 2018 , 8, 411	2.3	1
292	Trial of an All-Ceramic SnO ₂ Gas Sensor Equipped with CaCuRuO ₃ Heater and Electrode. <i>Materials</i> , 2018 , 11,	3.5	6
291	Enhanced thermopower via spin-state modification. <i>Physical Review B</i> , 2018 , 98,	3.3	7

290	Improper ferroelectrics as high-efficiency energy conversion materials. <i>Physica Status Solidi - Rapid Research Letters</i> , 2017 , 11, 1700009	2.5	4
289	Absence of Magnetic Long Range Order in Ba ₃ ZnRu ₂ O ₉ : A Spin-Liquid Candidate in the S = 3/2 Dimer Lattice. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 033702	1.5	10
288	High electrical conductivity of composite ceramics consisting of insulating oxide and ordered perovskite conducting oxide. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017 , 214, 1600968	1.6	3
287	Optical control of dielectric permittivity in LaAl _{0.99} Zn _{0.01} O ₃ . <i>Applied Physics Letters</i> , 2017 , 110, 172901	3.4	9
286	Optical evidence for the spin-state disorder in LaCo Rh O. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 235802	1.8	2
285	Spin State of Co ³⁺ in LaCo _{1-x} Rh _x O ₃ Studied Using X-ray Absorption Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 094701	1.5	3
284	Broadband micro light scattering observation of ferroelectric sodium metavanadate. <i>Ferroelectrics</i> , 2017 , 512, 14-19	0.6	
283	Magnetolectric Coupling in the Pyrochlore Ruthenate Gd ₂ Ru ₂ O ₇ . <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 084708	1.5	2
282	Enhancement of the dielectric permittivity of (Nb _{1/2} In _{1/2}) _{0.02} Ti _{0.98} O ₂ single crystals at low temperatures due to (Nb + In) codoping. <i>Japanese Journal of Applied Physics</i> , 2017 , 56, 10PC02	1.4	5
281	Anomalous Thermoelectric Response in an Orbital-Ordered Oxide Near and Far from Equilibrium. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 093707	1.5	6
280	Giant inductance in non-ohmic conductor. <i>Applied Physics Express</i> , 2017 , 10, 081801	2.4	5
279	Improper Ferroelectricity in Stuffed Aluminate Sodalites for Pyroelectric Energy Harvesting. <i>Physical Review Applied</i> , 2017 , 7,	4.3	19
278	Intrinsic Enhancement of Dielectric Permittivity in (Nb + In) co-doped TiO single crystals. <i>Scientific Reports</i> , 2017 , 7, 5351	4.9	19
277	Magneto-thermopower in the Weak Ferromagnetic Oxide CaRu _{0.8} Sc _{0.2} O ₃ : An Experimental Test for the Kelvin Formula in a Magnetic Material. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 104707	1.5	3
276	Photo-induced persistent enhancement of dielectric permittivity in Zn:BaAl ₂ O ₄ . <i>Applied Physics Letters</i> , 2017 , 111, 232902	3.4	11
275	Magneto-resistance Materials 2017 , 595-615		
274	Element Strategy Using Ru-Mn Substitution in CuO-CaCu ₃ Ru ₄ O ₁₂ Composite Ceramics with High Electrical Conductivity. <i>Crystals</i> , 2017 , 7, 213	2.3	2
273	Optical sheet conductivities of layered oxides. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 325501	1.8	

272	Anomalous thickness-dependent optical energy gap of ALD-grown ultra-thin CuO films. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 475801	1.8	11
271	Ferromagnetic Cluster Glass Phase Embedded in a Paramagnetic and Metallic Host in Non-Uniform Magnetic System CaRu _{1-x} Sc _x O ₃ . <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 034711	1.5	6
270	Usefulness of Mesoporous Silica as a Template for the Preparation of Bundles of Bi Nanowires with Precisely Controlled Diameter Below 10 nm. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 900-5	4.5	5
269	Search for non-equilibrium thermoelectrics. <i>Scripta Materialia</i> , 2016 , 111, 23-28	5.6	15
268	Comparison With Ground States of Frustrated Quantum Spin Chain Systems A ₂ Cu ₂ Mo ₃ O ₁₂ (A = Rb and Cs). <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-3	2	6
267	Optical conductivity of layered calcium cobaltate Ca _{1-x} Co _x O ₃ . <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 085601	1.8	3
266	Heterovalent Pb-substitution in ferroelectric bismuth silicate Bi ₂ SiO ₅ . <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3168-3174	7.1	13
265	Temperature dependence of electrical transport properties of La ₄ BaCu _{5-x} CoxO _{13+δ} conducting oxide thin films. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 04EJ08	1.4	0
264	Novel Charge Ordering in the Trimer Iridium Oxide BaIrO ₃ . <i>Crystals</i> , 2016 , 6, 27	2.3	5
263	Thermal Conductivity and Thermoelectric Power of Semiconductors 2016 ,		5
262	Colossal Seebeck effect enhanced by quasi-ballistic phonons dragging massive electrons in FeSb ₂ . <i>Nature Communications</i> , 2016 , 7, 12732	17.4	36
261	Research Update: Oxide thermoelectrics: Beyond the conventional design rules. <i>APL Materials</i> , 2016 , 4, 104501	5.7	15
260	Rapid synthesis of thermoelectric compounds by laser melting. <i>Materials and Design</i> , 2016 , 106, 30-36	8.1	7
259	Effects of element substitution on the pyroelectric phase transition of stuffed-tridymite-type BaZnGeO ₄ . <i>Solid State Communications</i> , 2015 , 219, 12-15	1.6	6
258	Ruthenium oxide as a thermoelectric material: unconventional thermoelectric properties of Li ₂ RuO ₃ . <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10430-10435	7.1	5
257	Anomalous magnetic order in the magnetoelectric oxide NdCrTiO ₅ revealed by impurity effects. <i>Physical Review B</i> , 2015 , 91,	3.3	10
256	Photo-Seebeck effect in ZnS. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 031203	1.4	13
255	An origin of good electrical conduction in La ₄ BaCu ₅ O _{13+δ} . <i>Journal of Applied Physics</i> , 2015 , 118, 035104	2.5	2

254	Dynamics of Charge Ordering in the Nonlinear Regime of $\text{[(BEDT-TTF)}_2\text{CsZn(SCN)}_4\text{]}$. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 033707	1.5	2
253	Photo-Seebeck effect in polycrystalline ZnO. <i>Journal of Applied Physics</i> , 2015 , 118, 095101	2.5	9
252	Effects of the Ir Impurity on the Thermodynamic and Transport Properties of $\text{Ba}_4\text{Ru}_3\text{O}_{10}$. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 094601	1.5	1
251	Solid-Phase Epitaxial Growth of A-Site-Ordered Perovskite $\text{Sr}_{4-x}\text{Er}_x\text{Co}_4\text{O}_{12}$ A Room Temperature Ferrimagnetic p-Type Semiconductor. <i>Advanced Electronic Materials</i> , 2015 , 1, 1500199	6.4	4
250	Non-uniform Magnetic System Driven by Non-magnetic Ion Substitution in $\text{CaRu}_{1-x}\text{Sc}_x\text{O}_3$: Two-Component Analysis. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 014708	1.5	2
249	Fabrication of μ -structured Bi-Te thermoelectric micro-device by electrodeposition. <i>Electrochimica Acta</i> , 2015 , 153, 515-522	6.7	24
248	Pseudogap Observed in the Charge Transport in the Thermoelectric Oxide $\text{Ca}_{3-x}\text{Bi}_x\text{Co}_4\text{O}_9$ Single Crystals. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 054710	1.5	6
247	Possible Existence of Two Charge-Ordered Phases in $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ for $0.40 \leq x \leq 0.50$. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 064709	1.5	3
246	Trials for oxide photo-thermoelectrics. <i>Materials for Renewable and Sustainable Energy</i> , 2014 , 3, 1	4.7	13
245	Magnetic Properties of $\text{Li}_2\text{ZrCuO}_4$ which was Regarded as a Quasi 1D J_1J_2 Magnet near a Ferromagnetic QCP 2014 ,		1
244	Low Temperature Magnetic Properties of Frustrated Quantum Spin Chain System $\text{Rb}_2\text{Cu}_2\text{Mo}_3\text{O}_{12}$ 2014 ,		7
243	Disorder Effect for an Orbital Order in Ca_2RuO_4 Revealed by Infrared Imaging Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 084701	1.5	4
242	Weak Ferromagnetic Ordering Disordered by Rh^{3+} Ions for $\text{LaCo}_{0.8}\text{Rh}_{0.2}\text{O}_3$ 2014 ,		1
241	Photo-transport properties of Pb_2CrO_5 single crystals. <i>Journal of Applied Physics</i> , 2014 , 116, 193706	2.5	11
240	Metal-semiconductor transition in atomically thin $\text{Bi}_2\text{Sr}_2\text{Co}_2\text{O}_8$ nanosheets. <i>APL Materials</i> , 2014 , 2, 092507	6.7	6
239	Electrical oscillation in SmS induced by a constant external voltage. <i>Physical Review B</i> , 2014 , 89,	3.3	5
238	Unconventional magnetism in the layered oxide LaSrRhO_4 . <i>Physical Review B</i> , 2014 , 90,	3.3	7
237	Photo-induced change of dielectric response in BaCoSiO_4 stuffed tridymite. <i>Journal of Applied Physics</i> , 2014 , 115, 164103	2.5	13

236	Thermoelectric characteristics of (Zn,Al)O/hydroquinone superlattices. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 13619	13	62
235	Atomic layer deposition of Al-doped ZnO thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2013 , 31, 01A109	2.9	26
234	Room-temperature proton transport and its effect on thermopower in a solid ionic semiconductor, TTFCOONH ₄ . <i>Journal of Materials Chemistry A</i> , 2013 , 1, 5089	13	4
233	Preface: progress in synthesis and characterization of energy materials. <i>Journal of Materials Science</i> , 2013 , 48, 2743-2744	4.3	
232	Electron doping of ALD-grown ZnO thin films through Al and P substitutions. <i>Journal of Materials Science</i> , 2013 , 48, 2806-2811	4.3	16
231	Optical conductivity measurement of a dimer Mott-insulator to charge-order phase transition in a two-dimensional quarter-filled organic salt compound. <i>Physical Review Letters</i> , 2013 , 111, 217801	7.4	11
230	Current-Induced Gap Suppression in the Mott Insulator Ca ₂ RuO ₄ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 103702	1.5	33
229	Magnetic field induced ferroelectric transition of quasi one-dimensional frustrated quantum spin chain system Rb ₂ Cu ₂ Mo ₃ O ₁₂ . <i>Journal of Applied Physics</i> , 2013 , 113, 17D910	2.5	13
228	Origin of the energy gap in the narrow-gap semiconductor FeSb ₂ revealed by high-pressure magnetotransport measurements. <i>Physical Review B</i> , 2013 , 88,	3.3	10
227	Disordered conduction in single-crystalline dimer Mott compounds. <i>Physical Review B</i> , 2013 , 88,	3.3	21
226	Dielectric anomaly in the quasi-one-dimensional frustrated spin-12 system Rb ₂ (Cu _{1-x} M _x) ₂ Mo ₃ O ₁₂ (M = Ni and Zn). <i>Physical Review B</i> , 2013 , 87,	3.3	13
225	Photo-Seebeck effect in tetragonal PbO single crystals. <i>Journal of Applied Physics</i> , 2013 , 114, 173710	2.5	26
224	Spin State of Co ³⁺ in LaCo _{1-x} Rh _x O ₃ Investigated by Structural Phenomena. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 114606	1.5	6
223	X-ray Crystal Structure Analysis and Ru Valence of Ba ₄ Ru ₃ O ₁₀ Single Crystals. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 104603	1.5	6
222	Layered Cobalt Oxides: Correlated Electrons for Thermoelectrics. <i>Springer Series in Materials Science</i> , 2013 , 51-70	0.9	3
221	Thermal Rectification in the Vicinity of a Structural Phase Transition. <i>Applied Physics Express</i> , 2012 , 5, 027302	2.4	43
220	Photo-Seebeck Effect in ZnO. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 114722	1.5	29
219	Ga ³⁺ substitution effects in the weak ferromagnetic oxide LaCo _{0.8} Rh _{0.2} O ₃ . <i>Physical Review B</i> , 2012 , 86,	3.3	9

218	High-temperature thermoelectric properties of the double-perovskite ruthenium oxide (Sr _{1-x} La _x) ₂ ErRuO ₆ . <i>Journal of Applied Physics</i> , 2012 , 112, 073714	2.5	14
217	High-field magnetization and magnetoresistance of the A-site ordered perovskite oxide CaCu ₃ Ti ₄ Ru _x O ₁₂ (0 ≤ x ≤ 4). <i>Physical Review B</i> , 2012 , 85,	3.3	4
216	Thermal Conductivity and Thermoelectric Power of Semiconductors 2011 , 326-358		11
215	Relationship between ferroelectricity and magnetic structure of PbCuSO ₄ (OH) ₂ with CuO ₂ ribbon chains. <i>Journal of Physics: Conference Series</i> , 2011 , 320, 012087	0.3	12
214	Weak Ferromagnetism in LaCo _{1-x} Rh _x O ₃ : Anomalous Magnetism Emerging between Two Nonmagnetic End Phases. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 104705	1.5	17
213	High-temperature oxide thermoelectrics. <i>Journal of Applied Physics</i> , 2011 , 110, 053705	2.5	39
212	Thermoelectric module made of perovskite cobalt oxides with large thermopower. <i>Journal of Applied Physics</i> , 2011 , 110, 123712	2.5	21
211	Effects of ppm-Level Imperfection on the Transport Properties of FeSb ₂ Single Crystals. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 054708	1.5	17
210	The giant anomalous Hall effect in the ferromagnet Fe ₃ Sn ₂ --a frustrated kagome metal. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 112205	1.8	40
209	Orbital Ordering of Intermediate-Spin State of Co ³⁺ in Sr ₃ YCo ₄ O _{10.5} . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 023711	1.5	32
208	Magnetic and transport properties of the spin-state disordered oxide La _{0.8} Sr _{0.2} Co _{1-x} Rh _x O ₃ □	3.3	15
207	Low-temperature magnetotransport of the narrow-gap semiconductor FeSb ₂ . <i>Physical Review B</i> , 2011 , 84,	3.3	46
206	Optical study of the electronic structure and correlation effects in K _{0.49} RhO ₂ . <i>Physical Review B</i> , 2011 , 84,	3.3	14
205	Uniaxial colossal magnetoresistance in the Ising magnet SrCo ₂ O ₁₉ . <i>Physical Review B</i> , 2011 , 83,	3.3	9
204	Thermal rectification in bulk materials with asymmetric shape. <i>Applied Physics Letters</i> , 2011 , 98, 081915	3.4	92
203	Anisotropic thermoelectric properties associated with dimensional crossover in quasi-one-dimensional SrNbO _{3.4+d} (d ~ 0.03). <i>Physical Review B</i> , 2011 , 84,	3.3	16
202	Antiferromagnetic order and consequences on the transport properties of Ba ₄ Ru ₃ O ₁₀ . <i>Physical Review B</i> , 2011 , 84,	3.3	18
201	Polaron formation as a genuine nonequilibrium phenomenon. <i>Physical Review B</i> , 2011 , 83,	3.3	1

200	Multiferroic Behavior in the Quasi-One-Dimensional Frustrated Spin-1/2 System PbCuSO ₄ (OH) ₂ with CuO ₂ Ribbon Chains. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 033707	1.5	29
199	A Mechanism of DC-AC Conversion in the Organic Thyristor. <i>Materials</i> , 2010 , 3, 2027-2036	3.5	6
198	Spin State Control of the Perovskite Rh/Co Oxides. <i>Materials</i> , 2010 , 3, 786-799	3.5	22
197	In-plane thermoelectric properties of heavily underdoped high-temperature superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . <i>Superconductor Science and Technology</i> , 2010 , 23, 065018	3.1	4
196	Evolution of electronic structure from insulator to superconductor in Bi ₂ Sr ₂ δ Lax(Ca,Y)Cu ₂ O ₈ + δ . <i>Physical Review B</i> , 2010 , 81,	3.3	6
195	Anomalous dielectric response in the dimer Mott insulator (BEDT-TTF) ₂ Cu ₂ (CN) ₃ . <i>Physical Review B</i> , 2010 , 82,	3.3	142
194	Transport properties of the layered Rh oxide K _{0.49} RhO ₂ . <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 115603	1.8	21
193	Synthesis, Structure, and Physical Properties of A-site Ordered Perovskites ACu ₃ Co ₄ O ₁₂ (A= Ca and Y). <i>Chemistry of Materials</i> , 2010 , 22, 5328-5332	9.6	27
192	Thermoelectric Properties of Oxygen-Tuned ALD-Grown [Ca ₂ CoO ₃] _{0.62} [CoO ₂] Thin Films. <i>Chemistry of Materials</i> , 2010 , 22, 5900-5904	9.6	22
191	Novel thermoelectric properties of complex transition-metal oxides. <i>Dalton Transactions</i> , 2010 , 39, 1005411	4.1	38
190	Pressure effect on magnetic properties of a weak ferromagnet BaIrO ₃ . <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012084	0.3	3
189	Magnetic properties of Sr _{0.78} Y _{0.22} CoO ₃ under high pressure. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012116	0.3	2
188	Charge Order Competition Leading to Nonlinearity in Organic Thyristor Family. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 044606	1.5	18
187	A Trial Thermal Rectifier. <i>Journal of Electronic Materials</i> , 2010 , 39, 1488-1492	1.9	9
186	High Field Magnetism of Sr _{0.78} Y _{0.22} CoO ₃ under High Pressure. <i>Journal of Low Temperature Physics</i> , 2010 , 159, 7-10	1.3	1
185	High-field Magnetization and Magnetoresistance of CaCu ₃ Ti ₄ δ Ru _x O ₁₂ . <i>Journal of Low Temperature Physics</i> , 2010 , 159, 143-146	1.3	1
184	Microstructure control on thermoelectric properties of Ca _{0.96} Sm _{0.04} MnO ₃ synthesised by co-precipitation technique. <i>Materials Research Bulletin</i> , 2010 , 45, 558-563	5.1	28
183	Pressure effect on the competing charge ordered states in -(BEDT-TTF) ₂ CsZn(SCN) ₄ . <i>Physica B: Condensed Matter</i> , 2010 , 405, S229-S231	2.8	1

182	STM/STS study of electronic states in highly underdoped Bi2212. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S173-S175	1.3	1
181	Nonequilibrium charge ordering in $(\text{BEDT-TTF})_2\text{MM}(\text{SCN})_4$ (M=Rb, Cs; M'=Co, Zn). <i>Physica B: Condensed Matter</i> , 2010 , 405, S217-S220	2.8	2
180	Out-of-plane thermopower of strongly correlated layered systems: An application to $\text{Bi}_2(\text{Sr},\text{La})_2\text{CaCu}_2\text{O}_8$. <i>Physical Review B</i> , 2009 , 79,	3.3	9
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39	Effect of substitution of Zn ²⁺ for Cu ²⁺ on the magnetic properties of La ₂ Cu _{1-δ} Zn _x O ₄ single crystals. <i>Physica B: Condensed Matter</i> , 1995 , 205, 234-248	2-8	26

38	Origin of low-temperature residual absorption in YBa ₂ Cu ₃ O _y . <i>Solid State Communications</i> , 1995 , 94, 293-297	1.6	15
37	Spectroscopic study of the electronic states of single-crystal CuGeO ₃ . <i>Physical Review B</i> , 1995 , 52, 295-298	3.3	37
36	Normal-state transport properties of slightly overdoped YBa ₂ Cu ₃ O _y crystals prepared by a crystal-pulling technique. <i>Physical Review B</i> , 1995 , 52, 16246-16254	3.3	25
35	Kosterlitz-Thouless transitions in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} thin films associated with vortex-string pairing. <i>Physical Review B</i> , 1994 , 50, 3363-3373	3.3	20
34	Linear ac magnetic response near the vortex-glass transition in single-crystalline YBa ₂ Cu ₃ O ₇ . <i>Physical Review B</i> , 1994 , 50, 9680-9683	3.3	17
33	Effect of magnetic field on a spin-Peierls cuprate, CuGeO ₃ . <i>Journal of Superconductivity and Novel Magnetism</i> , 1994 , 7, 295-297		
32	Spin-Peierls transition in a cuprate CuGeO ₃ . <i>Physica B: Condensed Matter</i> , 1994 , 194-196, 269-270	2.8	2
31	Magnetization of pure and Zn-doped spin-Peierls cuprate CuGeO ₃ in high magnetic field. <i>Physica B: Condensed Matter</i> , 1994 , 201, 167-170	2.8	6
30	Out-of-plane transport in thick single-crystal YBa ₂ Cu ₃ O ₇ . <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 1413-1414	1.3	13
29	Thin film growth of layered cobalt-oxide Bi ₂ Sr ₃ Co ₂ O _{9+δ} [nearly isomorphic to Bi ₂ Sr ₂ CaCu ₂ O _{8+δ}] superconductors. <i>Journal of Applied Physics</i> , 1994 , 76, 1317-1319	2.5	20
28	Heat Capacity in an Inorganic Spin-Peierls System CuGeO ₃ . <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 365-366	1.5	20
27	Observation of the spin-Peierls transition in linear Cu ²⁺ (spin-1/2) chains in an inorganic compound CuGeO ₃ . <i>Physical Review Letters</i> , 1993 , 70, 3651-3654	7.4	1348
26	Magnetic phase diagram of the spin-Peierls cuprate CuGeO ₃ . <i>Physical Review B</i> , 1993 , 48, 9616-9619	3.3	190
25	Superconductivity in ultrathin films consisting of Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} /Bi ₂ Sr ₂ CuO _{6+δ} heterostructures. <i>Applied Physics Letters</i> , 1993 , 63, 246-248	3.4	10
24	Effects of substitution of Zn for Cu in the spin-Peierls cuprate, CuGeO ₃ : The suppression of the spin-Peierls transition and the occurrence of a new spin-glass state. <i>Physical Review Letters</i> , 1993 , 71, 4059-4062	7.4	292
23	Optical reflectivity of single-crystal Bi ₂ M ₃ Co ₂ O _{9+δ} (M=Ca, Sr, and Ba) from the infrared to the vacuum-ultraviolet region. <i>Physical Review B</i> , 1993 , 47, 451-456	3.3	16
22	Doping effects on the anisotropic magnetic susceptibility in single-crystal La _{2-x} Sr _x CuO ₄ . <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 193, 365-370	1.3	26
21	Optical Properties and Electronic States of High-T _c Cuprates and Their Related Compounds. <i>Springer Proceedings in Physics</i> , 1992 , 177-179	0.2	

20	Anisotropic susceptibility in the normal state and superconducting fluctuation-induced diamagnetism of single-crystal $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1855-1856	1.3	7
19	Temperature dependence of superconducting properties in $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Cu}_x\text{O}_y$ thin films prepared by in-situ MBE technique. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 2011-2012	1.3	6
18	In-situ growth of $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Cu}_x\text{O}_y$ superconducting ultrathin films prepared by MBE technique and their characterization. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 2073-2074	1.3	6
17	Optical study of $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Cu}_x\text{O}_{4+2n}$ Doping effects, n-dependence of the spectra and characteristics of the CuO_2 plane. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1017-1018	1.3	14
16	Preparation and physical properties of the spinel Ti and V oxides. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 719-720	1.3	5
15	Broadening of the resistive superconducting transition under the magnetic field investigated by the conduction noise measurement. <i>Superconductor Science and Technology</i> , 1991 , 4, S337-S339	3.1	4
14	In-situ growth of Bi-Sr-Ca-Cu-O films by shutter-controlled molecular beam epitaxy. <i>Superconductor Science and Technology</i> , 1991 , 4, S118-S120	3.1	6
13	The dielectric functions of high- T_c cuprates obtained from the optical and electron energy loss measurements. <i>Superconductor Science and Technology</i> , 1991 , 4, S397-S399	3.1	4
12	Optical study of the doping effect in the metallic oxide $(\text{Nd,Sr})\text{CoO}_3$. <i>Physical Review B</i> , 1991 , 43, 551-554	3.3	23
11	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	1.3	79
10	The optical properties of the doped holes in $\text{Bi}_2\text{Sr}_2(\text{Ca,Nd})\text{Cu}_2\text{O}_{8+x}$ and $(\text{Nd,Sr})\text{CoO}_3$. <i>Physica B: Condensed Matter</i> , 1990 , 165-166, 1251-1252	2.8	4
9	Broadening of the resistive transition investigated by the conductance-fluctuation measurement. <i>Physica B: Condensed Matter</i> , 1990 , 165-166, 1363-1364	2.8	17
8	Anomalous Magnetoresistance in LaB_6 Thin Films. <i>Journal of the Physical Society of Japan</i> , 1990 , 59, 1017-1024	1.5	3
7	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). <i>Physical Review B</i> , 1990 , 41, 865-868	3.3	41
6	Preparation and Physical Properties of Bi-Sr-Ca-Cu-O Films Grown by Molecular Beam Epitaxy Using Pure Ozone 1990 , 223-231		
5	Superconducting Films of $\text{YBa}_2\text{Cu}_3\text{O}_x$ and Bi-Sr-Ca-Cu-O Fabricated by Electron-Beam Deposition with a Single Source. <i>Japanese Journal of Applied Physics</i> , 1988 , 27, L1480-L1483	1.4	17
4	Transport properties in $(\text{Na,Ca})\text{Co}_2\text{O}_4$ ceramics		1
3	Magneto-thermoelectric effects of the layered cobalt oxides		1

2 Physics of the thermoelectric oxide NaCo_2O_4 : A guide to new thermoelectric oxides 1

1 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