

# Ran Ang

## 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.

108 papers	1,630 citations	21 h-index	34 g-index
111 ext. papers	1,970 ext. citations	4.6 avg, IF	4.5 L-index

#	Paper	IF	Citations
108	Broadening temperature plateau of high zTs in PbTe doped Bi <sub>0.3</sub> Sb <sub>1.7</sub> Te <sub>3</sub> through defect carrier regulation and multi-scale phonon scattering. <i>Materials Today Physics</i> , <b>2022</b> , 22, 100610	8	0
107	High-performance in n-type PbTe-based thermoelectric materials achieved by synergistically dynamic doping and energy filtering. <i>Nano Energy</i> , <b>2022</b> , 91, 106706	17.1	14
106	Achieving high-performance n-type PbTe via synergistically optimizing effective mass and carrier concentration and suppressing lattice thermal conductivity. <i>Chemical Engineering Journal</i> , <b>2022</b> , 428, 132601	14.7	8
105	Remarkable electron and phonon transports in low-cost SnS: A new promising thermoelectric material. <i>Science China Materials</i> , <b>2022</b> , 65, 1143-1155	7.1	2
104	Enhanced thermoelectric performance of n-type Nb-doped PbTe by compensating resonant level and inducing atomic disorder. <i>Materials Today Physics</i> , <b>2022</b> , 24, 100677	8	3
103	Superconducting phase diagram and the evolution of electronic structure across charge density wave in underdoped 1T-Ta <sub>1-x</sub> Se <sub>2</sub> under hydrostatic pressure. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	2
102	Advancing thermoelectrics by vacancy engineering and band manipulation in Sb-doped SnTe <sub>1-x</sub> Te alloys. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 172101	3.4	3
101	Mechanical alloying boosted SnTe thermoelectrics. <i>Materials Today Physics</i> , <b>2021</b> , 17, 100340	8	14
100	Structural Evolution of High-Performance Mn-Alloyed Thermoelectric Materials: A Case Study of SnTe. <i>Small</i> , <b>2021</b> , 17, e2100525	11	11
99	Alloying Cr <sub>2/3</sub> Te in AgCrSe <sub>2</sub> compound for improving thermoelectrics. <i>Applied Physics Letters</i> , <b>2021</b> , 118, 193902	3.4	1
98	Enhancing Near-Room-Temperature GeTe Thermoelectrics through In/Pb Co-doping. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 37273-37279	9.5	3
97	Boosting thermoelectrics by alloying Cu <sub>2</sub> Se in SnTe-CdTe compounds. <i>Journal of Materials Science and Technology</i> , <b>2021</b> , 89, 45-51	9.1	2
96	Thermoelectric modulation by intrinsic defects in superionic conductor Ag <sub>x</sub> CrSe <sub>2</sub> . <i>Applied Physics Letters</i> , <b>2020</b> , 116, 163901	3.4	5
95	Improving near-room-temperature thermoelectrics in SnTe <sub>1-x</sub> MnTe alloys. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 193902	3.4	11
94	Effect of multisite alloying and chloride doping for realizing a high thermoelectric performance in misfit-layered chalcogenide. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 840, 155756	5.7	
93	Strong Anisotropic Thermal Conductivity in Polycrystalline Layers of (Ag <sub>x</sub> Sn <sub>1-x</sub> S) <sub>1.2</sub> (TiS <sub>2</sub> ) <sub>2</sub> with Prospects Toward Improved Thermoelectric Performance. <i>Annalen Der Physik</i> , <b>2020</b> , 532, 1900551	2.6	0
92	Thermoelectric transport properties in Bi-doped SnTe <sub>1-x</sub> SnSe alloys. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 103901	3.4	12

91	Outstanding radiation tolerance and mechanical behavior in ultra-fine nanocrystalline Al <sub>1.5</sub> CoCrFeNi high entropy alloy films under He ion irradiation. <i>Applied Surface Science</i> , <b>2020</b> , 516, 146129	6.7	9
90	Superconductivity related to the suppression of exciton formation in 1T-TiSe. <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 425602	1.8	1
89	Reducing Effective Mass for Advancing Thermoelectrics in Sb/Bi-Doped AgCrSe Compounds. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 36347-36354	9.5	2
88	High Quality Factor Enabled by Multiscale Phonon Scattering for Enhancing Thermoelectrics in Low-Solubility n-Type PbTe-CuTe Alloys. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 52952-52958	9.5	6
87	Routes for advancing SnTe thermoelectrics. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 16790-16813	13	39
86	Optimized Strategies for Advancing n-Type PbTe Thermoelectrics: A Review. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 49323-49334	9.5	17
85	Low lattice thermal conductivity by alloying SnTe with AgSbTe <sub>2</sub> and CaTe/MnTe. <i>Applied Physics Letters</i> , <b>2019</b> , 115, 073903	3.4	7
84	Evaluation of thermoelectric CdSnAs <sub>2</sub> with intrinsically low effective mass. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 809, 151772	5.7	3
83	Thermoelectric properties of p-type MnSe. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 789, 953-959	5.7	10
82	Carrier tuning and multiple phonon scattering induced high thermoelectric performance in n-type Sb-doped PbTe alloys. <i>Applied Physics A: Materials Science and Processing</i> , <b>2019</b> , 125, 1	2.6	9
81	Band and Phonon Engineering for Thermoelectric Enhancements of Rhombohedral GeTe. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 30756-30762	9.5	23
80	Transport Properties of CdSb Alloys with a Promising Thermoelectric Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 27098-27103	9.5	6
79	Extraordinary Role of Bi for Improving Thermoelectrics in Low-Solubility SnTe-CdTe Alloys. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 26093-26099	9.5	27
78	Synergistic tuning of carrier mobility, effective mass, and point defects scattering triggered high thermoelectric performance in n-type Ge-doped PbTe. <i>Journal of Applied Physics</i> , <b>2019</b> , 125, 055104	2.5	3
77	Texturization-Induced In-Plane High-Performance Thermoelectrics and Inapplicability of the Debye Model to Out-of-Plane Lattice Thermal Conductivity in Misfit-Layered Chalcogenides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 48079-48085	9.5	9
76	Direct observation of melted Mott state evidenced from Raman scattering in 1T-TaS <sub>2</sub> single crystal. <i>Chinese Physics B</i> , <b>2018</b> , 27, 017104	1.2	4
75	Band engineering and precipitation enhance thermoelectric performance of SnTe with Zn-doping. <i>Chinese Physics B</i> , <b>2018</b> , 27, 047202	1.2	6
74	Ga-Doping-Induced Carrier Tuning and Multiphase Engineering in n-type PbTe with Enhanced Thermoelectric Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 22401-22407	9.5	32

73	Boosting the thermoelectric performance of misfit-layered (SnS) <sub>1.2</sub> (TiS <sub>2</sub> ) <sub>2</sub> by a Co- and Cu-substituted alloying effect. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 22909-22914	13	15
72	Se substitution and micro-nano-scale porosity enhancing thermoelectric Cu <sub>2</sub> Te. <i>Chinese Physics B</i> , <b>2018</b> , 27, 047204	1.2	2
71	Germanium isotope effect induced guest rattling and cage distortion in clathrates. <i>Journal of Materiomics</i> , <b>2018</b> , 4, 338-344	6.7	1
70	Intriguing substitution of conducting layer triggered enhancement of thermoelectric performance in misfit-layered (SnS) <sub>1.2</sub> (TiS <sub>2</sub> ) <sub>2</sub> . <i>Applied Physics Letters</i> , <b>2017</b> , 110, 043507	3.4	12
69	Microstructure and bubble formation of Al <sub>0.5</sub> Si doped tungsten prepared by spark plasma sintering. <i>International Journal of Refractory Metals and Hard Materials</i> , <b>2016</b> , 54, 335-341	4.1	18
68	Tuning the charge density wave and superconductivity in 6R-TaS <sub>2</sub> /Se <sub>x</sub> . <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 163912	2.5	9
67	Synthesis of amidoximated graphene oxide nanoribbons from unzipping of multiwalled carbon nanotubes for selective separation of uranium(VI). <i>RSC Advances</i> , <b>2015</b> , 5, 89309-89318	3.7	46
66	Thermoelectricity Generation and Electron-Magnon Scattering in a Natural Chalcopyrite Mineral from a Deep-Sea Hydrothermal Vent. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 13101-13105	3.6	17
65	Thermoelectricity Generation and Electron-Magnon Scattering in a Natural Chalcopyrite Mineral from a Deep-Sea Hydrothermal Vent. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 12909-13	16.4	125
64	Atomistic origin of an ordered superstructure induced superconductivity in layered chalcogenides. <i>Nature Communications</i> , <b>2015</b> , 6, 6091	17.4	32
63	Coexistence of superconductivity and commensurate charge density wave in 4Hb-TaS <sub>2</sub> /Se <sub>x</sub> single crystals. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 043915	2.5	12
62	Strengthening of Thermoelectric Performance via Ir Doping in Layered Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> System. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 798-804	3.8	11
61	Coexistence of superconductivity and charge-density-wave domain in 1T-FexTa <sub>1-x</sub> SSe. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 252601	3.4	5
60	Structure and transport properties in Ca <sub>3</sub> Co <sub>4-x</sub> M <sub>x</sub> O <sub>9</sub> (M=Re and Pt) ceramics. <i>Ceramics International</i> , <b>2014</b> , 40, 10545-10550	5.1	9
59	Magnetic and Transport Properties Based on Transition-Metal Compounds. <i>Advances in Condensed Matter Physics</i> , <b>2014</b> , 2014, 1-2	1	
58	Enhanced Thermoelectric Performance Induced by Cr Doping at Ca-Sites in Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> System. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 3589-3596	3.8	14
57	Enhancement of thermoelectric power in layered Bi <sub>2</sub> Sr <sub>2</sub> Co <sub>2-x</sub> Ir <sub>x</sub> O <sub>y</sub> single crystals. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 4636-4642	4.3	6
56	Superconductivity induced by Se-doping in layered charge-density-wave system 1T-TaS <sub>2</sub> /Se <sub>x</sub> . <i>Applied Physics Letters</i> , <b>2013</b> , 102, 192602	3.4	88

55	Exotic reinforcement of thermoelectric power driven by Ca doping in layered $\text{Bi}_2\text{Sr}_{2-x}\text{Ca}_x\text{Co}_2\text{O}_y$ . <i>Applied Physics Letters</i> , <b>2013</b> , 102, 141907	3.4	13
54	Evolution of the thermoelectric performance in low Ca-doped layered cobaltite $\text{Bi}_2\text{Sr}_2\text{Co}_2\text{O}_y$ . <i>Solid State Communications</i> , <b>2013</b> , 158, 16-19	1.6	11
53	Structure, magnetic and transport properties in $\text{Ca}_3\text{Co}_4\text{Sb}_x\text{O}_9$ ceramics. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 574, 233-239	5.7	14
52	Enhanced Thermoelectric Performance and Room-Temperature Spin-State Transition of $\text{Co}^{4+}$ Ions in the $\text{Ca}_3\text{Co}_4\text{Rh}_x\text{O}_9$ System. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 11459-11470	3.8	45
51	Superconductivity and bandwidth-controlled Mott metal-insulator transition in $1\text{T-TaS}_2-x\text{Sex}$ . <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	56
50	Electronic structure of the iron chalcogenide $\text{KFeAgTe}_2$ revealed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	5
49	Enhanced Electron Correlation in the In-doped Misfit-Layered Cobaltite $\text{Ca}_3\text{Co}_4\text{O}_9$ Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 791-797	3.8	13
48	Enhanced electronic correlation and thermoelectric response by Cu-doping in $\text{Ca}_3\text{Co}_4\text{O}_9$ single crystals. <i>Dalton Transactions</i> , <b>2012</b> , 41, 11176-86	4.3	41
47	The contribution of narrow band and modulation of thermoelectric performance in doped layered cobaltites $\text{Bi}_2\text{Sr}_2\text{Co}_2\text{O}_y$ . <i>Applied Physics Letters</i> , <b>2012</b> , 100, 173503	3.4	15
46	Real-space coexistence of the melted Mott state and superconductivity in Fe-substituted $1\text{T-TaS}_2$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 176403	7.4	84
45	Tuning of microstructure and thermoelectric properties of $\text{Ca}_3\text{Co}_4\text{O}_9$ ceramics by high-magnetic-field sintering. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 123713	2.5	50
44	Thermoelectric properties of sol-gel derived cobaltite $\text{Bi}_2\text{Ca}_{2.4}\text{Co}_2\text{O}_y$ . <i>Physica B: Condensed Matter</i> , <b>2011</b> , 406, 2914-2918	2.8	11
43	Individual-Layer Thickness Effects on the Preferred c-Axis-Oriented $\text{BiFeO}_3$ Films by Chemical Solution Deposition. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 1682	3.8	11
42	The charge trapping and memory effect in $\text{SiO}_2$ thin films containing Ge nanocrystals. <i>Journal Physics D: Applied Physics</i> , <b>2010</b> , 43, 015102	3	10
41	Parasitic memory effect induced by high erasing pulses in metal-oxide-semiconductor field-effect transistor device containing silicon nanocrystals. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 114501	2.5	1
40	Charging effect and capacitance modulation of Ni-rich $\text{NiO}$ thin film. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 012104	3.4	8
39	Charging influence on current conduction in $\text{NiO}$ thin film embedded with Ni nanocrystals. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 225104	3	1
38	Influence of K doping on the properties of perovskite molybdates $\text{Ba}_{1-x}\text{K}_x\text{MoO}_3$ ( $0 \leq x \leq 0.2$ ). <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 479, 22-25	5.7	8

37	The evidence of the glassy behavior in the layered cobaltites. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 162508	3.4	20
36	Structure, magnetic properties, and electrical transport in layered cobaltites $\text{Sr}_{2-x}\text{Pr}_x\text{CoO}_4$ . <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 103707	2.5	4
35	Aging-Induced Strong Anomalous Hall Effect at Room Temperature for Cu(Co) Nanoparticle Film. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 1837-1841	3.8	5
34	Studies of structural, magnetic, electrical and thermal properties in layered perovskite cobaltite $\text{SrLnCoO}_4$ (Ln = La, Ce, Pr, Nd, Eu, Gd and Tb). <i>Journal Physics D: Applied Physics</i> , <b>2008</b> , 41, 045404	3	24
33	Structural, magnetic, electrical and thermal transport properties in two-dimensional perovskite $\text{Sr}_{1.05}\text{Ln}_{0.95}\text{CoO}_4$ (Ln = La, Ce and Nd) compounds. <i>Journal Physics D: Applied Physics</i> , <b>2008</b> , 41, 215009	3	6
32	Exchange bias in the layered cobaltite $\text{Sr}_{1.5}\text{Pr}_{0.5}\text{CoO}_4$ . <i>Journal of Applied Physics</i> , <b>2008</b> , 104, 023914	2.5	17
31	Low-field magnetoresistance in nanostructured $\text{Sr}_2\text{FeMoO}_6/\text{TeO}_2$ composites. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 083711	2.5	12
30	Size dependence of electronic and magnetic properties of double- perovskite $\text{Sr}_2\text{FeMoO}_6$ . <i>Solid State Communications</i> , <b>2008</b> , 145, 98-102	1.6	20
29	The magnetothermoelectric power in the Y- and Ho-doped $\text{La}_{0.9}\text{Te}_{0.1}\text{MnO}_3$ . <i>Solid State Communications</i> , <b>2008</b> , 145, 337-340	1.6	1
28	In situ growth of $\alpha$ -axis-oriented thin films on Si(001). <i>Solid State Communications</i> , <b>2007</b> , 141, 239-242	1.6	12
27	The magnetic, electrical and thermal transport studies in the layered cobalt oxide $\text{Nd}_{1-x}\text{Sr}_{1+x}\text{CoO}_4$ ( $x = 0.25$ and $0.33$ ). <i>Journal Physics D: Applied Physics</i> , <b>2007</b> , 40, 5206-5212	3	5
26	Effect of Mo substitution in the $n=3$ Ruddlesden-Popper compound $\text{Ca}_4\text{Mn}_3\text{O}_{10}$ . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	15
25	A narrow band contribution with Anderson localization in Ag-doped layered cobaltites $\text{Bi}_2\text{Ba}_3\text{Co}_2\text{O}_y$ . <i>Journal of Applied Physics</i> , <b>2007</b> , 102, 073721	2.5	21
24	Growth of $\text{Ca}_3\text{Co}_4\text{O}_9$ films: Simple chemical solution deposition and stress induced spontaneous dewetting. <i>Journal of Applied Physics</i> , <b>2007</b> , 102, 103519	2.5	15
23	Magnetic, electrical, and thermal characterization of $\text{La}_{0.9}\text{Te}_{0.1}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ ( $0 \leq x \leq 1$ ). <i>Journal of Materials Research</i> , <b>2007</b> , 22, 2943-2952	2.5	
22	Small-polaron hopping conduction in $\text{La}_{0.9}\text{Te}_{0.1}\text{MnO}_3$ above the metal-insulator transition. <i>Materials Letters</i> , <b>2006</b> , 60, 3281-3285	3.3	24
21	Structural, magnetic, and transport properties in $\text{La}_{(2+4x)/3}\text{Sr}_{(1-x)/3}\text{Mn}_{1-x}\text{Cu}_x\text{O}_3$ ( $0 \leq x \leq 0.20$ ) system. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 302, 473-478	2.8	2
20	Diamagnetism, transport, magnetothermoelectric power, and magnetothermal conductivity in electron-doped $\text{CaMn}_{1-x}\text{V}_x\text{O}_3$ manganites. <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 063902	2.5	43



19	Transport mechanism and magnetothermoelectric power of electron-doped manganites $\text{La}_{0.85}\text{Te}_{0.15}\text{Mn}_{1-x}\text{Cu}_x\text{O}_3$ ( $0 \leq x \leq 0.20$ ). <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 073706	2.5	23
18	Fabrication and electronic transport properties of Bi nanotube arrays. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 103119	3.4	84
17	Magnetic and transport properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Ti}_x\text{O}_3$ ( $0 \leq x \leq 0.5$ ) films prepared by chemical solution deposition. <i>Journal Physics D: Applied Physics</i> , <b>2006</b> , 39, 625-630	3	16
16	Influence of carbon intercalation on the structural and magnetic properties of $\text{Ni}_3\text{Al}$ . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 371, 63-67	2.8	12
15	Spin polarization and transport in the manganite $\text{La}_{0.85}\text{Te}_{0.15}\text{Mn}_{0.9}\text{Cu}_{0.1}\text{O}_3$ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 359, 295-299	2.3	1
14	Magnetic and transport properties in double-doping $\text{La}_{(2+4x)/3}\text{Sr}_{(1-x)/3}\text{Mn}_{1-x}\text{Cu}_x\text{O}_3$ ( $0 \leq x \leq 0.20$ ) systems. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 305, 325-331	2.8	4
13	Effects of Cr doping in bilayered manganite $\text{LaSr}_2\text{Mn}_2\text{O}_7$ : Resistivity, thermoelectric power, and thermal conductivity. <i>Solid State Communications</i> , <b>2006</b> , 137, 492-497	1.6	8
12	Spin-state transition, magnetic, electrical and thermal transport properties of the perovskite cobalt oxide $\text{Gd}_{0.7}\text{Sr}_{0.3}\text{CoO}_3$ . <i>Solid State Communications</i> , <b>2006</b> , 138, 255-260	1.6	8
11	Influence of Te doping on the perovskite manganite $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Solid State Communications</i> , <b>2006</b> , 138, 505-510	1.6	5
10	Diamagnetism and relative Young's modulus in the perovskite manganites $\text{CaMn}_{1-x}\text{V}_x\text{O}_3$ ( $0 \leq x \leq 0.08$ ). <i>Solid State Communications</i> , <b>2006</b> , 140, 416-421	1.6	1
9	Effects of Co doping in bilayered manganite $\text{LaSr}_2\text{Mn}_2\text{O}_7$ : Resistivity, thermoelectric power, and thermal conductivity. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	27
8	Reentrant metal-insulator transition in the Cu-doped manganites $\text{La}_{1-x}\text{Pb}_x\text{MnO}_3$ ( $x \sim 0.14$ ) single crystals. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	14
7	The Young's modulus and electrical and magnetic properties of $\text{La}_{0.5}\text{Ca}_{0.5-x}\text{Te}_x\text{MnO}_3$ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2005</b> , 342, 491-496	2.3	2
6	Internal friction evidence of uncorrelated magnetic clusters in electron-doped manganite $\text{Sr}_{0.8}\text{Ce}_{0.2}\text{MnO}_3$ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2005</b> , 346, 321-326	2.3	11
5	Studies of electrical and thermal transport properties of the electron-doped manganite $\text{Sr}_{0.9}\text{Ce}_{0.1}\text{MnO}_3$ . <i>Physica B: Condensed Matter</i> , <b>2005</b> , 367, 243-248	2.8	4
4	Structural, magnetic and transport properties in the manganites $\text{La}_{0.7}\text{Sr}_{0.3-x}\text{Te}_x\text{MnO}_3$ ( $0 \leq x \leq 0.15$ ). <i>Solid State Communications</i> , <b>2005</b> , 134, 443-447	1.6	5
3	Study of the magnetization and transport properties of the $\text{La}_{(2+x)/3}\text{Sr}_{(1-x)/3}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ ( $0 \leq x \leq 0.2$ ) system. <i>Solid State Communications</i> , <b>2005</b> , 135, 467-470	1.6	2
2	Jahn-Teller transition and electron-phonon interaction in Cr-doped manganites $\text{Sr}_{0.9}\text{Ce}_{0.1}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ . <i>Solid State Communications</i> , <b>2005</b> , 136, 196-200	1.6	2

- 1 Structural, transport, and magnetic properties in the Ti-doped manganites  $\text{LaMn}_{1-x}\text{Ti}_x\text{O}_3$  ( $0 \leq x \leq 0.2$ ). *Solid State Communications*, **2005**, 136, 268-272 1.6 31