

Jian Zhang

List of Publications by Year in descending order

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118
papers

4,041
citations

94433

37
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149698

56
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119
all docs

119
docs citations

119
times ranked

3020
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraordinary Thermoelectric Performance Realized in n-type PbTe through Multiphase Nanostructure Engineering. <i>Advanced Materials</i> , 2017, 29, 1703148.	21.0	209
2	Realizing High Figure of Merit in Phase-Separated Polycrystalline Sn _{1-x} Pb _x Se. <i>Journal of the American Chemical Society</i> , 2016, 138, 13647-13654.	13.7	201
3	Achieving High Thermoelectric Figure of Merit in Polycrystalline SnSe via Introducing Sn Vacancies. <i>Journal of the American Chemical Society</i> , 2018, 140, 499-505.	13.7	180
4	Enhanced thermoelectric performance of p-type SnSe doped with Zn. <i>Scripta Materialia</i> , 2017, 126, 6-10.	5.2	116
5	Achieving high thermoelectric performance with Pb and Zn codoped polycrystalline SnSe via phase separation and nanostructuring strategies. <i>Nano Energy</i> , 2018, 53, 683-689.	16.0	98
6	High thermoelectric performance of n-type Bi ₂ Te _{2.7} Se _{0.3} via nanostructure engineering. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9642-9649.	10.3	93
7	Realizing high thermoelectric performance in eco-friendly SnTe via synergistic resonance levels, band convergence and endotaxial nanostructuring with Cu ₂ Te. <i>Nano Energy</i> , 2020, 73, 104832.	16.0	81
8	Chemical synthesis of nanostructured Cu ₂ Se with high thermoelectric performance. <i>RSC Advances</i> , 2014, 4, 8638.	3.6	79
9	Effects of bismuth doping on the thermoelectric properties of Cu ₃ SbSe ₄ at moderate temperatures. <i>Journal of Alloys and Compounds</i> , 2013, 561, 105-108.	5.5	75
10	A Route to Phase Controllable Cu ₂ ZnSn(S _{1-x} Se _x) ₄ Nanocrystals with Tunable Energy Bands. <i>Scientific Reports</i> , 2013, 3, 2733.	3.3	73
11	Synergistic band convergence and endotaxial nanostructuring: Achieving ultralow lattice thermal conductivity and high figure of merit in eco-friendly SnTe. <i>Nano Energy</i> , 2020, 67, 104261.	16.0	72
12	Enhanced thermoelectric performance of n-type Bi ₂ Se ₃ doped with Cu. <i>Journal of Alloys and Compounds</i> , 2015, 639, 9-14.	5.5	67
13	Extremely low thermal conductivity and enhanced thermoelectric performance of polycrystalline SnSe by Cu doping. <i>Scripta Materialia</i> , 2018, 147, 74-78.	5.2	67
14	Simultaneous increase in conductivity and phonon scattering in a graphene nanosheets/(Bi ₂ Te ₃) _{0.2} (Sb ₂ Te ₃) _{0.8} thermoelectric nanocomposite. <i>Journal of Alloys and Compounds</i> , 2016, 661, 389-395.	5.5	66
15	Lattice Strain Leads to High Thermoelectric Performance in Polycrystalline SnSe. <i>ACS Nano</i> , 2021, 15, 8204-8215.	14.6	66
16	Design of Domain Structure and Realization of Ultralow Thermal Conductivity for Record-High Thermoelectric Performance in Chalcopyrite. <i>Advanced Materials</i> , 2019, 31, e1905210.	21.0	61
17	Achieving high thermoelectric performance through constructing coherent interfaces and building interface potential barriers in n-type Bi ₂ Te ₃ /Bi ₂ Te _{2.7} Se _{0.3} nanocomposites. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19120-19129.	10.3	59
18	Enhanced thermoelectric performance of $\hat{\Gamma}$ -Zn ₄ Sb ₃ based nanocomposites through combined effects of density of states resonance and carrier energy filtering. <i>Scientific Reports</i> , 2015, 5, 17803.	3.3	58

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19	Enhanced thermopower and energy filtering effect from synergetic scattering at heterojunction potentials in the thermoelectric composites with semiconducting nano-inclusions. <i>Journal of Alloys and Compounds</i> , 2013, 558, 203-211.	5.5	57
20	Electrode activation via vesiculation: improved reversible capacity of $\text{Fe}_2\text{O}_3/\text{C}/\text{MWNT}$ composite anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9682-9688.	10.3	55
21	Co-precipitation synthesis of nanostructured Cu_3SbSe_4 and its Sn-doped sample with high thermoelectric performance. <i>Dalton Transactions</i> , 2014, 43, 1888-1896.	3.3	54
22	Enhanced thermoelectric performance of highly oriented polycrystalline SnSe based composites incorporated with SnTe nano-inclusions. <i>Journal of Alloys and Compounds</i> , 2016, 689, 87-93.	5.5	50
23	Enhanced thermoelectric performance of CuGaTe_2 based composites incorporated with nanophase Cu_2Se . <i>Journal of Materials Chemistry A</i> , 2014, 2, 2891.	10.3	49
24	Revisiting AgCrSe_2 as a promising thermoelectric material. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23872-23878.	2.8	48
25	Enhanced thermoelectric performance through carrier scattering at heterojunction potentials in BiSbTe based composites with Cu_3SbSe_4 nano-inclusions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7045-7052.	5.5	46
26	Transport properties and enhanced thermoelectric performance of aluminum doped Cu_3SbSe_4 . <i>RSC Advances</i> , 2015, 5, 31399-31403.	3.6	46
27	Enhanced thermoelectric performance of $\text{Cu}_2\text{Se}/\text{Bi}_0.4\text{Sb}_{1.6}\text{Te}_3$ nanocomposites at elevated temperatures. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	46
28	Nanostructured SnSe integrated with Se quantum dots with ultrahigh power factor and thermoelectric performance from magnetic field-assisted hydrothermal synthesis. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15757-15765.	10.3	45
29	Enhanced power factor and thermoelectric performance for n-type $\text{Bi}_2\text{Te}_{2.7}\text{Se}_{0.3}$ based composites incorporated with 3D topological insulator nano-inclusions. <i>Nano Energy</i> , 2021, 80, 105512.	16.0	44
30	Simultaneous enhancement in thermoelectric power factor and phonon blocking in hierarchical nanostructured $\text{Zn}_4\text{Sb}_3\text{-Cu}_3\text{SbSe}_4$. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	43
31	Enhanced thermoelectric performance in SnSe based composites with PbTe nano-inclusions. <i>Energy</i> , 2016, 116, 861-866.	8.8	43
32	Enhanced thermoelectric performance via carrier energy filtering effect in Zn_4Sb_3 alloy bulk embedded with $(\text{Bi}_2\text{Te}_3)_{0.2}(\text{Sb}_2\text{Te}_3)_{0.8}$. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	42
33	Enhanced thermoelectric performance of nanostructured topological insulator Bi_2Se_3 . <i>Applied Physics Letters</i> , 2015, 106, .	3.3	41
34	High-performance eco-friendly MnTe thermoelectrics through introducing SnTe nanocrystals and manipulating band structure. <i>Nano Energy</i> , 2021, 81, 105649.	16.0	40
35	Boosting Thermoelectric Performance of Cu_2SnSe_3 via Comprehensive Band Structure Regulation and Intensified Phonon Scattering by Multidimensional Defects. <i>ACS Nano</i> , 2021, 15, 10532-10541.	14.6	40
36	Enhanced thermoelectric performance of BiCuSeO by increasing Seebeck coefficient through magnetic ion incorporation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13392-13399.	10.3	39

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37	Realizing High Thermoelectric Performance below Phase Transition Temperature in Polycrystalline SnSe via Lattice Anharmonicity Strengthening and Strain Engineering. ACS Applied Materials & Interfaces, 2018, 10, 30558-30565.	8.0	39
38	Ultralow Thermal Conductivity and High Thermoelectric Performance of N-type Bi ₂ Te _{2.7} Se _{0.3} -Based Composites Incorporated with GaAs Nanoinclusions. ACS Applied Materials & Interfaces, 2020, 12, 37155-37163.	8.0	39
39	Boosting Thermoelectric Performance of SnSe via Tailoring Band Structure, Suppressing Bipolar Thermal Conductivity, and Introducing Large Mass Fluctuation. ACS Applied Materials & Interfaces, 2019, 11, 45133-45141.	8.0	38
40	Self-Powered Filterless Narrow-Band π -n Heterojunction Photodetector for Low Background Limited Near-Infrared Image Sensor Application. ACS Applied Materials & Interfaces, 2020, 12, 21845-21853.	8.0	37
41	High thermoelectric performance for an Ag ₂ Se-based material prepared by a wet chemical method. Materials Chemistry Frontiers, 2020, 4, 875-880.	5.9	35
42	Co-precipitation synthesis of Sn and/or S doped nanostructured Cu ₃ Sb _{1-x} Sn _x Se _{4-y} S _y with a high thermoelectric performance. CrystEngComm, 2013, 15, 7166.	2.6	34
43	Thermoelectric Properties of Co-Doped TiS ₂ . Journal of Electronic Materials, 2011, 40, 980-986.	2.2	33
44	Thermoelectric properties of hydrothermally synthesized Bi ₂ Te _{3-x} Sex nanocrystals. Scripta Materialia, 2012, 67, 161-164.	5.2	33
45	Enhanced thermoelectric performance of n-type Sn _x Bi ₂ Te _{2.7} Se _{0.3} based composites embedded with in-situ formed SnBi and Te nanoinclusions. Composites Part B: Engineering, 2020, 197, 108151.	12.0	32
46	Enhanced thermoelectric performance of BiSbTe-based composites incorporated with amorphous Si ₃ N ₄ nanoparticles. RSC Advances, 2015, 5, 34251-34256.	3.6	31
47	Light Element Doping and Introducing Spin Entropy: An Effective Strategy for Enhancement of Thermoelectric Properties in BiCuSeO. ACS Applied Materials & Interfaces, 2019, 11, 15543-15551.	8.0	31
48	Enhanced thermoelectric performance of SnSe based composites with carbon black nanoinclusions. Applied Physics Letters, 2016, 109, .	3.3	30
49	The effect of Mn substitution on thermoelectric properties of Ca ₃ Mn _x Co _{4-x} O ₉ at low temperatures. Solid State Communications, 2005, 134, 235-238.	1.9	29
50	Enhanced thermoelectric properties of neodymium intercalated compounds Nd _x TiS ₂ . Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 348, 379-385.	2.1	29
51	Thermoelectric properties of nanocrystalline (Mg _{1-x} Zn _x) ₃ Sb ₂ isostructural solid solutions fabricated by mechanical alloying. Journal Physics D: Applied Physics, 2009, 42, 165403.	2.8	29
52	Transport and thermoelectric properties of nanocrystal substitutional semiconductor alloys (Mg _{1-x} Cdx) ₃ Sb ₂ doped with Ag. Journal of Alloys and Compounds, 2009, 484, 498-504.	5.5	29
53	Enhanced thermoelectric performance of a quintuple layer of Bi ₂ Te ₃ . Journal of Applied Physics, 2014, 116, 023706.	2.5	29
54	Enhanced thermoelectric performance of Bi _{0.4} Sb _{1.6} Te ₃ based composites with CuInTe ₂ inclusions. Journal of Alloys and Compounds, 2018, 758, 72-77.	5.5	29

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55	Enhanced thermoelectric figure of merit in p-type $\text{In}_2\text{Zn}_4\text{Sb}_3/\text{Bi}_{0.4}\text{Sb}_{1.6}\text{Te}_3$ nanocomposites. RSC Advances, 2016, 6, 12243-12248.	3.6	28
56	Oriented Attachment Revisited: Does a Chemical Reaction Occur?. Matter, 2019, 1, 690-704.	10.0	27
57	Improved Figure of Merit of Cu_2SnSe_3 via Band Structure Modification and Energy-Dependent Carrier Scattering. ACS Applied Materials & Interfaces, 2020, 12, 19693-19700.	8.0	27
58	Enhanced thermoelectric properties of Ag-doped compounds $\text{CuAg}_x\text{Ga}_{1-x}\text{Te}_2$ ($0 \leq x \leq 0.05$). Journal of Alloys and Compounds, 2014, 586, 285-288.	5.5	24
59	Preparation and enhanced thermoelectric performance of Pb-doped tetrahedrite $\text{Cu}_{12-x}\text{Pb}_x\text{Sb}_4\text{S}_{13}$. Journal of Alloys and Compounds, 2018, 769, 478-483.	5.5	24
60	High thermoelectric properties for Sn-doped AgSbSe_2 . Journal of Alloys and Compounds, 2015, 635, 87-91.	5.5	23
61	Enhanced thermoelectric properties of bismuth intercalated compounds Bi_xTiS_2 . Solid State Communications, 2005, 135, 237-240.	1.9	22
62	Thermoelectric anisotropy of n-type Bi_2Te_3 - Sb_xSe_x prepared by spark plasma sintering. RSC Advances, 2015, 5, 43717-43722.	3.6	22
63	Enhancement of thermoelectric performance of $\text{In}_2\text{Zn}_4\text{Sb}_3$ through resonant distortion of electronic density of states doped with Gd. Journal of Materials Chemistry A, 2015, 3, 11768-11772.	10.3	22
64	Realized high power factor and thermoelectric performance in Cu_3SbSe_4 . Intermetallics, 2019, 109, 68-73.	3.9	22
65	Realization of High Thermoelectric Performance in Polycrystalline Tin Selenide through Schottky Vacancies and Endotaxial Nanostructuring. Chemistry of Materials, 2020, 32, 9761-9770.	6.7	22
66	Electrical transport behavior of $\text{Ca}_3\text{Mn}_x\text{Co}_{4-x}\text{O}_9$ ($0 \leq x \leq 1.28$) at low temperatures. Journal of Applied Physics, 2006, 99, 053709.	2.5	21
67	Enhanced thermoelectric performance of highly dense and fine-grained $(\text{Sr}_{1-x}\text{Gd}_x)\text{TiO}_3$ ceramics synthesized by sol-gel process and spark plasma sintering. Journal of Alloys and Compounds, 2014, 588, 562-567.	5.5	21
68	Realized high power factor and thermoelectric performance in Cu_2SnSe_3 . Scripta Materialia, 2019, 159, 46-50.	5.2	21
69	Thermoelectric performance of nanostructured In/Pb codoped SnTe with band convergence and resonant level prepared via a green and facile hydrothermal method. Nanoscale, 2020, 12, 5857-5865.	5.6	21
70	Achieving High Thermoelectric Performance in p-Type BST/PbSe Nanocomposites through the Scattering Engineering Strategy. ACS Applied Materials & Interfaces, 2020, 12, 46181-46189.	8.0	20
71	Enhanced thermoelectric performance of $\text{In}_2\text{Zn}_4\text{Sb}_3$ based composites incorporated with large proportion of nanophase Cu_3SbSe_4 . Journal of Alloys and Compounds, 2014, 588, 568-572.	5.5	19
72	High Thermoelectric Performance of SnTe via In Doping and $\text{Cu}_{1.75}\text{Se}$ Nanostructuring Approach. ACS Applied Energy Materials, 2019, 2, 8966-8973.	5.1	19

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73	Achieving high power factor and thermoelectric performance through dual substitution of Zn and Se in tetrahedrites Cu ₁₂ Sb ₄ Se ₁₃ . Applied Physics Letters, 2019, 115, .	3.3	19
74	Ultralow Thermal Conductivity and Extraordinary Thermoelectric Performance Realized in Codoped Cu ₃ SbSe ₄ by Plasma Spark Sintering. ACS Applied Materials & Interfaces, 2020, 12, 3886-3892.	8.0	19
75	Improving the power factor and figure of merit of p-type CuSbSe ₂ via introducing Sb vacancies. Journal of Materials Chemistry C, 2021, 9, 14858-14865.	5.5	19
76	Enhanced thermoelectric properties of iron doped compound (Zn _{1-x} Fe _x) ₄ Sb ₃ . Intermetallics, 2010, 18, 1106-1110.	3.9	18
77	Thermoelectric properties of TiS ₂ -xPbSnS ₃ nanocomposites. Journal of Alloys and Compounds, 2017, 696, 1342-1348.	5.5	18
78	Enhanced thermoelectric performance of PbTe based materials by Bi doping and introducing MgO nanoparticles. Applied Physics Letters, 2020, 117, .	3.3	18
79	Improved Thermoelectric Performance of Cu ₁₂ Sb ₄ Se ₁₃ through Cd-Substitution Induced Enhancement of Electronic Density of States and Phonon Scattering. ACS Applied Materials & Interfaces, 2021, 13, 25092-25101.	8.0	18
80	Creating high-dense stacking faults and endo-grown nanoneedles to enhance phonon scattering and improve thermoelectric performance of Cu ₂ SnSe ₃ . Nano Energy, 2022, 100, 107510.	16.0	18
81	The effects of elements doping on transport and thermoelectric properties of SrTi ₂ O ₇ . Journal of Physics and Chemistry of Solids, 2014, 75, 629-637.	4.0	16
82	Achieving a High Thermoelectric Performance of Tetrahedrites by Adjusting the Electronic Density of States and Enhancing Phonon Scattering. ACS Applied Materials & Interfaces, 2019, 11, 23361-23371.	8.0	16
83	Synergetic modulation of power factor and thermal conductivity for Cu ₃ SbSe ₄ -based system. Materials Today Energy, 2020, 18, 100491.	4.7	16
84	Ultralow Thermal Conductivity and Enhanced Figure of Merit for CuSbSe ₂ via Cd-Doping. ACS Applied Energy Materials, 2021, 4, 1637-1643.	5.1	16
85	The transport and thermoelectric properties of Cd doped compounds (Cd _x Ti _{1-x}) _{1+y} S ₂ . Journal of Alloys and Compounds, 2009, 479, 816-820.	5.5	15
86	Synthesis and thermoelectric properties of Zn ₄ Sb ₃ /Bi _{0.5} Sb _{1.5} Te ₃ bulk nanocomposites. Journal of Alloys and Compounds, 2010, 500, 215-219.	5.5	15
87	Enhanced thermoelectric performance of CuGaTe ₂ based composites incorporated with graphite nanosheets. Applied Physics Letters, 2016, 108, .	3.3	15
88	Mechanical and magnetic properties of $\hat{1}^3$ -Ni \hat{e} -xFe/Al ₂ O ₃ composites. Composites Science and Technology, 2007, 67, 1530-1540.	7.8	14
89	Enhanced thermoelectric performance of CuGaTe ₂ by Gd-doping and Te incorporation. Intermetallics, 2015, 60, 45-49.	3.9	14
90	Introducing PbSe quantum dots and manipulating lattice strain contributing to high thermoelectric performance in polycrystalline SnSe. Materials Today Physics, 2021, 21, 100542.	6.0	14

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91	Synergistically optimized electrical and thermal properties by introducing electron localization and phonon scattering centers in CuGaTe_2 with enhanced mechanical properties. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7534-7542.	5.5	13
92	Synergistic optimization of electrical and thermal transport in n-type Bi-doped PbTe by introducing coherent nanophase $\text{Cu}_{1.75}\text{Te}$. <i>Journal of Materiomics</i> , 2021, 7, 146-155.	5.7	13
93	The effect of Mg substitution for Ti on transport and thermoelectric properties of TiS_2 . <i>Journal of Applied Physics</i> , 2007, 102, 073703.	2.5	12
94	High thermoelectric performance of tetrahedrites through InSb inclusion. <i>Materialia</i> , 2018, 3, 169-173.	2.7	12
95	Fabrication of nanocrystalline Mg_3X_2 (X=Bi, Sb) with supersaturated solid solubility by mechanical alloying. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 128, 192-200.	3.5	11
96	The electrical and thermal conductivity and thermopower of nickel doped compounds $(\text{Ni}_x\text{Ti}_{1-x})_{1+y}\text{S}_2$ at low temperatures. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 1230-1236.	2.8	11
97	Electrical transport and thermoelectric properties of $\text{Y}_{1-x}\text{Ca}_x\text{CoO}_3$ ($0 \leq x \leq 0.1$) at high temperatures. <i>Journal of Applied Physics</i> , 2007, 101, 083709.	2.5	11
98	Simultaneously enhanced power factor and phonon scattering in $\text{Bi}_{0.4}\text{Sb}_{1.6}\text{Te}_3$ alloy doped with germanium. <i>Scripta Materialia</i> , 2018, 154, 118-122.	5.2	11
99	Improving the thermoelectric performance of Cu_2SnSe_3 via regulating micro- and electronic structures. <i>Nanoscale</i> , 2021, 13, 4233-4240.	5.6	11
100	High temperature thermoelectric properties of Nb-doped ZnO ceramics. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1811-1815.	4.0	10
101	Ultra-low thermal conductivity and high thermoelectric performance realized in a Cu_3SbSe_4 based system. <i>Materials Chemistry Frontiers</i> , 2021, 5, 324-332.	5.9	10
102	Effects of Sb Deviation from Its Stoichiometric Ratio on the Micro- and Electronic Structures and Thermoelectric Properties of $\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14145-14153.	8.0	9
103	Graphene modified Li-rich cathode material $\text{Li}[\text{Li}_{0.26}\text{Ni}_{0.07}\text{Co}_{0.07}\text{Mn}_{0.60}]\text{O}_2$ for lithium ion battery. <i>Functional Materials Letters</i> , 2014, 07, 1440013.		
104	Improved thermoelectric properties of gadolinium intercalated compounds Gd_xTiS_2 at the temperatures from 5 to 310 K. <i>Journal of Materials Research</i> , 2006, 21, 480-483.	2.6	7
105	Synthesis of monodispersed nanometer-sized YAG powders by a modified coprecipitation method. <i>Journal of Rare Earths</i> , 2008, 26, 674-677.	4.8	7
106	Optimized thermoelectric properties of AgSbTe_2 through adjustment of fabrication parameters. <i>Electronic Materials Letters</i> , 2015, 11, 133-137.	2.2	7
107	The effects of high-pressure compression on transport and thermoelectric properties of TiS_2 at low temperatures from 5 to 310 K. <i>Journal of Applied Physics</i> , 2008, 103, 123704.	2.5	6
108	Thermoelectric Performance for SnSe Hot-Pressed at Different Temperature. <i>Journal of Electronic Materials</i> , 2017, 46, 79-84.	2.2	6

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109	Transport and thermoelectric properties of Sr ₃ (Ti _{0.95} R _{0.05}) ₂ O ₇ (R = Ta, Nb, W) oxides. Journal of Applied Physics, 2012, 112, .	2.5	5
110	Thermoelectric properties of homogeneously and non-homogeneously doped CdTe _{15/16} M _{1/16} (M=N, P). Journal of Applied Physics, 2012, 112, 4004.	4.0	4
111	Ultralow Lattice Thermal Conductivity and High Thermoelectric Figure of Merit in Dually Substituted Cu ₁₂ Sb ₄ S ₁₃ Tetrahedrites. Advanced Electronic Materials, 2022, 8, .	5.1	4
112	Transport and thermoelectric properties of n-type Ruddlesden-Popper phase (Sr _{1-x} Gdx) ₃ (Ti _{1-y} Tay) ₂ O ₇ oxides. Journal Physics D: Applied Physics, 2012, 45, 415401.	2.8	3
113	Effects of topological edge states on the thermoelectric properties of Bi nanoribbons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3167-3172.	2.1	3
114	The Anisotropic High Thermoelectric Performance in (Bi _x Sb _{1-x}) ₂ Te ₃ . International Journal of Metallurgical & Materials Engineering, 2017, 3, .	0.1	3
115	Pressure-induced structural phase transition in wide-gap molecular solid CF ₄ . Chemical Physics Letters, 2011, 512, 223-226.	2.6	2
116	Preparation and thermoelectric properties of rare-earth-metal-doped SrO(SrTiO ₃) _n oxides. Procedia Engineering, 2012, 27, 103-108.	1.2	2
117	Electrical and Magnetic Properties for Bulk FeSe and FeSe _{0.5} Te _{0.5} Superconductors. Journal of Electronic Materials, 2021, 50, 941-946.	2.2	2
118	Fabrication and thermoelectric properties of n-type (Sr _{0.9} Gd _{0.1})TiO ₃ oxides. Functional Materials Letters, 2014, 07, 1450014.	1.2	0