

Wei-Shu Liu

List of Publications by Year in descending order

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123
papers

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citations

28274

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114
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124
all docs

124
docs citations

124
times ranked

7957
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance nanostructured thermoelectric materials. NPG Asia Materials, 2010, 2, 152-158.	7.9	816
2	High thermoelectric performance by resonant dopant indium in nanostructured SnTe. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13261-13266.	7.1	632
3	Recent advances in thermoelectric nanocomposites. Nano Energy, 2012, 1, 42-56.	16.0	624
4	Experimental Studies on Anisotropic Thermoelectric Properties and Structures of n-Type Bi ₂ Te _{2.7} Se _{0.3} . Nano Letters, 2010, 10, 3373-3378.	9.1	608
5	Thermoelectric Property Studies on Cu-Doped n-Type Cu _x Bi ₂ Te _{2.7} Se _{0.3} Nanocomposites. Advanced Energy Materials, 2011, 1, 577-587.	19.5	535
6	Current progress and future challenges in thermoelectric power generation: From materials to devices. Acta Materialia, 2015, 87, 357-376.	7.9	447
7	Relationship between thermoelectric figure of merit and energy conversion efficiency. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8205-8210.	7.1	415
8	Giant thermopower of ionic gelatin near room temperature. Science, 2020, 368, 1091-1098.	12.6	382
9	Enhancement of thermoelectric figure-of-merit by resonant states of aluminium doping in lead selenide. Energy and Environmental Science, 2012, 5, 5246-5251.	30.8	372
10	Thermoelectric and mechanical properties of nano-SiC-dispersed Bi ₂ Te ₃ fabricated by mechanical alloying and spark plasma sintering. Journal of Alloys and Compounds, 2008, 455, 259-264.	5.5	366
11	Enhanced Thermoelectric Figure of Merit of p-Type Half-Heuslers. Nano Letters, 2011, 11, 556-560.	9.1	362
12	Heavy Doping and Band Engineering by Potassium to Improve the Thermoelectric Figure of Merit in p-Type PbTe, PbSe, and PbTe _{1-x} Se _x . Journal of the American Chemical Society, 2012, 134, 10031-10038.	13.7	337
13	New trends, strategies and opportunities in thermoelectric materials: A perspective. Materials Today Physics, 2017, 1, 50-60.	6.0	319
14	Enhancement in Thermoelectric Figure of Merit of an n-Type Half-Heusler Compound by the Nanocomposite Approach. Advanced Energy Materials, 2011, 1, 643-647.	19.5	286
15	Thermoelectric properties of copper selenide with ordered selenium layer and disordered copper layer. Nano Energy, 2012, 1, 472-478.	16.0	271
16	Concentrating solar thermoelectric generators with a peak efficiency of 7.4%. Nature Energy, 2016, 1, .	39.5	269
17	Studies on the Bi ₂ Te ₃ -Bi ₂ Se ₃ -Bi ₂ S ₃ system for mid-temperature thermoelectric energy conversion. Energy and Environmental Science, 2013, 6, 552-560.	30.8	250
18	Stronger phonon scattering by larger differences in atomic mass and size in p-type half-Heuslers Hf _{1-x} Ti _x CoSb _{0.8} Sn _{0.2} . Energy and Environmental Science, 2012, 5, 7543.	30.8	244

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19	Enhanced catalytic performance by multi-field coupling in KNbO ₃ nanostructures: Piezo-photocatalytic and ferro-photoelectrochemical effects. <i>Nano Energy</i> , 2019, 58, 695-705.	16.0	240
20	Enhanced thermoelectric and mechanical properties in textured n-type Bi ₂ Te ₃ prepared by spark plasma sintering. <i>Solid State Sciences</i> , 2008, 10, 651-658.	3.2	232
21	Wearable Thermoelectric Materials and Devices for Self-Powered Electronic Systems. <i>Advanced Materials</i> , 2021, 33, e2102990.	21.0	221
22	Enhanced thermoelectric properties in CoSb _{3-x} Te _x alloys prepared by mechanical alloying and spark plasma sintering. <i>Journal of Applied Physics</i> , 2007, 102, .	2.5	205
23	Effect of Hf Concentration on Thermoelectric Properties of Nanostructured n-Type Half-Heusler Materials Hf _x Zr _{1-x} NiSn _{0.99} Sb _{0.01} . <i>Advanced Energy Materials</i> , 2013, 3, 1210-1214.	19.5	195
24	n-type thermoelectric material Mg ₂ Sn _{0.75} Ge _{0.25} for high power generation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3269-3274.	7.1	191
25	Few-layer transition metal dichalcogenides (MoS ₂ , WS ₂ , and WSe ₂) for water splitting and degradation of organic pollutants: Understanding the piezocatalytic effect. <i>Nano Energy</i> , 2019, 66, 104083.	16.0	181
26	Importance of high power factor in thermoelectric materials for power generation application: A perspective. <i>Scripta Materialia</i> , 2016, 111, 3-9.	5.2	169
27	Improvement of Thermoelectric Performance of CoSb _{3-x} Te _x Skutterudite Compounds by Additional Substitution of IVB-Group Elements for Sb. <i>Chemistry of Materials</i> , 2008, 20, 7526-7531.	6.7	147
28	Thermoelectric Property Study of Nanostructured n-Type Half-Heuslers (Hf, Zr, Tj) ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (Ti)CoS	19.5	145
29	The bridge between the materials and devices of thermoelectric power generators. <i>Energy and Environmental Science</i> , 2017, 10, 69-85.	30.8	143
30	Understanding of the contact of nanostructured thermoelectric n-type Bi ₂ Te _{2.7} Se _{0.3} legs for power generation applications. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13093.	10.3	133
31	Thermoelectric SnTe with Band Convergence, Dense Dislocations, and Interstitials through Sn Self-Compensation and Mn Alloying. <i>Small</i> , 2018, 14, e1802615.	10.0	132
32	High-performance Ag _{0.8} Pb _{18+x} SbTe ₂₀ thermoelectric bulk materials fabricated by mechanical alloying and spark plasma sintering. <i>Applied Physics Letters</i> , 2006, 88, 092104.	3.3	130
33	Effect of mixed grain sizes on thermoelectric performance of Bi ₂ Te ₃ compound. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	120
34	Effects of annealing on electrical properties of n-type Bi ₂ Te ₃ fabricated by mechanical alloying and spark plasma sintering. <i>Journal of Alloys and Compounds</i> , 2009, 467, 91-97.	5.5	115
35	Thermoelectric interface materials: A perspective to the challenge of thermoelectric power generation module. <i>Journal of Materiomics</i> , 2019, 5, 321-336.	5.7	113
36	Study of the Thermoelectric Properties of Lead Selenide Doped with Boron, Gallium, Indium, or Thallium. <i>Journal of the American Chemical Society</i> , 2012, 134, 17731-17738.	13.7	105

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37	Thermoelectric properties of materials near the band crossing line in Mg ₂ Sn–Mg ₂ Ge–Mg ₂ Si system. <i>Acta Materialia</i> , 2016, 103, 633-642.	7.9	104
38	Enhanced thermoelectric properties of bismuth sulfide polycrystals prepared by mechanical alloying and spark plasma sintering. <i>Journal of Solid State Chemistry</i> , 2008, 181, 3278-3282.	2.9	103
39	Mg ₃ Te _{1-x} Sb _x Bi ₂ Te _x Family: A Promising Substitute for the State-of-the-Art n-type Thermoelectric Materials near Room Temperature. <i>Advanced Functional Materials</i> , 2019, 29, 1807235.	14.9	98
40	Exclusive enhancement of catalytic activity in Bi _{0.5} Na _{0.5} TiO ₃ nanostructures: new insights into the design of efficient piezocatalysts and piezo-photocatalysts. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16238-16245.	10.3	93
41	Enhanced thermoelectric performance of Bi ₂ S ₃ by synergistical action of bromine substitution and copper nanoparticles. <i>Nano Energy</i> , 2015, 13, 554-562.	16.0	91
42	Effects of Sb compensation on microstructure, thermoelectric properties and point defect of CoSb ₃ compound. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 6784-6790.	2.8	89
43	Electrical and thermal properties of carbon nanotube bulk materials: Experimental studies for the $\frac{328}{958}K$ temperature range. <i>Physical Review B</i> , 2007, 75.	10.3	88
44	Fast phase formation of double-filled p-type skutterudites by ball-milling and hot-pressing. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 6809.	2.8	85
45	New insight into the material parameter B to understand the enhanced thermoelectric performance of Mg ₂ Sn _{1-x} Ge _x Sb _y . <i>Energy and Environmental Science</i> , 2016, 9, 530-539.	30.8	83
46	High thermoelectric power factor in Cu–Ni alloy originate from potential barrier scattering of twin boundaries. <i>Nano Energy</i> , 2015, 17, 279-289.	16.0	81
47	Inhibiting Grain Pulverization and Sulfur Dissolution of Bismuth Sulfide by Ionic Liquid Enhanced Poly(3,4-ethylenedioxythiophene):Poly(styrenesulfonate) for High-Performance Zinc-Ion Batteries. <i>ACS Nano</i> , 2019, 13, 7270-7280.	14.6	81
48	Thermoelectric property of fine-grained CoSb ₃ skutterudite compound fabricated by mechanical alloying and spark plasma sintering. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 566-572.	2.8	74
49	Studies on mechanical properties of thermoelectric materials by nanoindentation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2191-2195.	1.8	69
50	High thermoelectric performance in n-type BiAgSeS due to intrinsically low thermal conductivity. <i>Energy and Environmental Science</i> , 2013, 6, 1750.	30.8	68
51	Achieving band convergence by tuning the bonding ionicity in n-type Mg ₃ Sb ₂ . <i>Journal of Computational Chemistry</i> , 2019, 40, 1693-1700.	3.3	68
52	Effect of Silicon and Sodium on Thermoelectric Properties of Thallium-Doped Lead Telluride-Based Materials. <i>Nano Letters</i> , 2012, 12, 2324-2330.	9.1	64
53	Bi ₂ S ₃ nanonetwork as precursor for improved thermoelectric performance. <i>Nano Energy</i> , 2014, 4, 113-122.	16.0	64
54	Synergistic enhancement of thermoelectric and mechanical performances of ionic liquid LiTFSI modulated PEDOT flexible films. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4374-4381.	5.5	63

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55	Anomalous transport and thermoelectric performances of CuAgSe compounds. Solid State Ionics, 2014, 261, 21-25.	2.7	60
56	Suppression of grain growth by additive in nanostructured p-type bismuth antimony tellurides. Nano Energy, 2012, 1, 183-189.	16.0	57
57	Leaf-Inspired Flexible Thermoelectric Generators with High Temperature Difference Utilization Ratio and Output Power in Ambient Air. Advanced Science, 2021, 8, 2004947.	11.2	55
58	Enhanced Thermoelectric and Mechanical Properties in $\text{Yb}_{0.3}\text{Co}_4\text{Sb}_{12}$ with In Situ Formed CoSi Nanoprecipitates. Advanced Energy Materials, 2019, 9, 1902435.	19.5	53
59	Few-layer bismuth selenide cathode for low-temperature quasi-solid-state aqueous zinc metal batteries. Nature Communications, 2022, 13, 752.	12.8	49
60	Enhanced Piezocatalytic Activity of $\text{Sr}_{0.5}\text{Ba}_{0.5}\text{Nb}_2\text{O}_6$ Nanostructures by Engineering Surface Oxygen Vacancies and Self-Generated Heterojunctions. ACS Applied Materials & Interfaces, 2021, 13, 7259-7267.	8.0	45
61	Effect of aluminum on the thermoelectric properties of nanostructured PbTe. Nanotechnology, 2013, 24, 345705.	2.6	44
62	Comparative studies on thermoelectric properties of p-type $\text{Mg}_2\text{Sn}_{0.75}\text{Ge}_{0.25}$ doped with lithium, sodium, and gallium. Acta Materialia, 2017, 141, 154-162.	7.9	40
63	Ionic thermoelectric materials for near ambient temperature energy harvesting. Applied Physics Letters, 2021, 118, .	3.3	40
64	3D Hierarchical Electrodes Boosting Ultrahigh Power Output for Gelatin- $\text{KCl}\text{-FeCN}^{4-}/3^{+}$ Ionic Thermoelectric Cells. Advanced Energy Materials, 2022, 12, .	19.5	40
65	Effects of process parameters on electrical properties of n-type Bi_2Te_3 prepared by mechanical alloying and spark plasma sintering. Physica B: Condensed Matter, 2007, 400, 11-15.	2.7	38
66	Experimental determination of the Lorenz number in $\text{Cu}_{0.01}\text{Bi}_2\text{Te}_3$	3.2	38
67	Dynamic piezo-thermoelectric generator for simultaneously harvesting mechanical and thermal energies. Nano Energy, 2020, 69, 104397.	16.0	38
68	The effect of secondary phase on thermoelectric properties of Zn_4Sb_3 compound. Nano Energy, 2013, 2, 1172-1178.	16.0	35
69	Room-temperature thermoelectric materials: Challenges and a new paradigm. Journal of Materiomics, 2022, 8, 427-436.	5.7	34
70	Enhanced thermoelectric property originating from additional carrier pocket in skutterudite compounds. Applied Physics Letters, 2008, 93, .	3.3	31
71	A general design strategy for thermoelectric interface materials in n-type $\text{Mg}_3\text{Sb}_{1.5}\text{Bi}_{0.5}$ single leg used in TEGs. Acta Materialia, 2022, 226, 117616.	7.9	31
72	Thermoelectric performance enhancement of Mg_2Sn based solid solutions by band convergence and phonon scattering via Pb and Si/Ge substitution for Sn. Physical Chemistry Chemical Physics, 2016, 18, 20726-20737.	2.8	30

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73	Self-compensation induced vacancies for significant phonon scattering in InSb. <i>Nano Energy</i> , 2018, 48, 189-196.	16.0	30
74	System efficiency and power: the bridge between the device and system of a thermoelectric power generator. <i>Energy and Environmental Science</i> , 2020, 13, 3514-3526.	30.8	30
75	Ion regulation in double-network hydrogel module with ultrahigh thermopower for low-grade heat harvesting. <i>Nano Energy</i> , 2022, 92, 106738.	16.0	30
76	Efficiency and output power of thermoelectric module by taking into account corrected Joule and Thomson heat. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	29
77	The Electronic Transport Channel Protection and Tuning in Real Space to Boost the Thermoelectric Performance of Mg _{3+<i>x</i>} Sb _{2-<i>y</i>} Bi _{<i>y</i>} near Room Temperature. <i>Research</i> , 2020, 2020, 1672051.	5.7	29
78	Large Transverse and Longitudinal Magneto-thermoelectric Effect in Polycrystalline Nodal-Line Semimetal Mg ₃ Bi ₂ . <i>Advanced Materials</i> , 2022, 34, e2200931.	21.0	28
79	Effect of triple fillers in thermoelectric performance of p-type skutterudites. <i>Journal of Alloys and Compounds</i> , 2015, 623, 104-108.	5.5	26
80	Transport and mechanical properties of the double-filled p-type skutterudites La _{0.68} Ce _{0.22} Fe _{4-<i>x</i>} CoxSb ₁₂ . <i>Acta Materialia</i> , 2016, 117, 13-22.	7.9	26
81	Luffa sponge-derived hierarchical meso/macroporous boron nitride fibers as superior sorbents for heavy metal sequestration. <i>Journal of Hazardous Materials</i> , 2019, 378, 120669.	12.4	26
82	Engineering Thermal Conductivity for Balancing Between Reliability and Performance of Bulk Thermoelectric Generators. <i>Advanced Functional Materials</i> , 2016, 26, 3678-3686.	14.9	25
83	Self-templated microwave-assisted hydrothermal synthesis of two-dimensional holey hydroxyapatite nanosheets for efficient heavy metal removal. <i>Environmental Science and Pollution Research</i> , 2019, 26, 30076-30086.	5.3	25
84	High-performance, flexible thermoelectric generator based on bulk materials. <i>Cell Reports Physical Science</i> , 2022, 3, 100780.	5.6	24
85	Transmission electron microscopy study of Pb-depleted disks in PbTe-based alloys. <i>Journal of Materials Research</i> , 2011, 26, 912-916.	2.6	23
86	Carrier distribution in multi-band materials and its effect on thermoelectric properties. <i>Journal of Materiomics</i> , 2016, 2, 203-211.	5.7	23
87	High thermoelectric performance of single phase p-type cerium-filled skutterudites by dislocation engineering. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20128-20137.	10.3	22
88	Thermodynamic criterions of the thermoelectric performance enhancement in Mg ₂ Sn through the self-compensation vacancy. <i>Materials Today Physics</i> , 2021, 16, 100327.	6.0	22
89	Homo-composition and hetero-structure nanocomposite Pnma Bi ₂ Se ₂ - Pnm Bi ₂ Se ₂ with high thermoelectric performance. <i>Nature Communications</i> , 2021, 12, 7192.	12.8	22
90	The effect of charge carrier and doping site on thermoelectric properties of Mg ₂ Sn _{0.75} Ge _{0.25} . <i>Acta Materialia</i> , 2017, 124, 528-535.	7.9	21

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91	Enhanced thermoelectric performances of flexible PEDOT:PSS film by synergistically tuning the ordering structure and oxidation state. <i>Journal of Materiomics</i> , 2020, 6, 119-127.	5.7	21
92	High thermoelectric properties achieved in environmentally friendly sulfide compound Bi ₂ Se ₂ by nanoengineering. <i>Nano Energy</i> , 2021, 88, 106273.	16.0	21
93	Vacancy Modulating Co ₃ Sn ₂ S ₂ Topological Semimetal for Aqueous Zinc-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202111826.	13.8	21
94	Nanostructured Thermoelectric Materials. <i>Springer Series in Materials Science</i> , 2013, , 255-285.	0.6	17
95	Low temperature thermoelectric properties of p-type copper selenide with Ni, Te and Zn dopants. <i>Journal of Alloys and Compounds</i> , 2017, 699, 718-721.	5.5	17
96	Transport properties of Ni, Co, Fe, Mn doped Cu _{0.01} Bi ₂ Te _{2.7} Se _{0.3} for thermoelectric device applications. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	16
97	The complexity of thermoelectric materials: why we need powerful and brilliant synchrotron radiation sources?. <i>Materials Today Physics</i> , 2018, 6, 68-82.	6.0	15
98	Fiber-Based Thermoelectric Materials and Devices for Wearable Electronics. <i>Micromachines</i> , 2021, 12, 869.	2.9	13
99	Epitaxial growth and thermoelectric properties of Mg ₃ Bi ₂ thin films deposited by magnetron sputtering. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	13
100	The enhancement of thermoelectric performance of p-type Li doped Mg ₂ Ge _{0.4} Sn _{0.6} by Si addition. <i>Scripta Materialia</i> , 2019, 166, 122-127.	5.2	12
101	Machine learning assisted discovering of new M ₂ X ₃ -type thermoelectric materials. <i>Rare Metals</i> , 2022, 41, 1543-1553.	7.1	12
102	Solid-State Janus Nanoprecipitation Enables Amorphous-Like Heat Conduction in Crystalline Mg ₃ Sb ₂ -Based Thermoelectric Materials. <i>Advanced Science</i> , 2022, 9, .	11.2	12
103	Maximized atomic disordering approach boost the thermoelectric performance of Mg ₂ Sn through the self-compensation effect and steric effect. <i>Acta Materialia</i> , 2021, 217, 117172.	7.9	11
104	Enhanced Thermoelectric Performance by Strong Phonon Scattering at the Heterogeneous Interfaces of the Mg ₂ Sn/Mg ₃ Sb ₂ High-Content Nanocomposite. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56164-56170.	8.0	11
105	Anion Size Effect of Ionic Liquids in Tuning the Thermoelectric and Mechanical Properties of PEDOT:PSS Films through a Counterion Exchange Strategy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 27911-27921.	8.0	11
106	Stable bismuth-antimony alloy cathode with a conversion-dissolution/deposition mechanism for high-performance zinc batteries. <i>Materials Today</i> , 2021, 51, 87-95.	14.2	10
107	Vacancy Modulating Co ₃ Sn ₂ S ₂ Topological Semimetal for Aqueous Zinc-Ion Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	9
108	Substitution of Antimony by Tin and Tellurium in n-Type Skutterudites CoSb _{2.8} Sn _x Te _{0.2} . <i>Jom</i> , 2014, 66, 2282-2287.	1.9	7

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109	Compositional engineering of metal-xanthate precursors toward $(\text{Bi}_{1-x}\text{Sb}_x)_2\text{S}_3$ (0 ≤ x ≤ 0.05) films with enhanced room temperature thermoelectric performance. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1718-1726.	5.5	6
110	A general White-Box strategy for designing thermoelectric cooling system. <i>Information Materials</i> , 2022, 4, .	17.3	6
111	Disordered stoichiometric nanorods and ordered off-stoichiometric nanoparticles in n-type thermoelectric $\text{Bi}_2\text{Te}_{2.7}\text{Se}_{0.3}$. <i>Journal of Applied Physics</i> , 2012, 112, 093518.	2.5	5
112	Anomalous CDW ground state in Cu_2Se : A wave-like fluctuation of the dc I-V curve near 50 K. <i>Journal of Materials</i> , 2017, 3, 150-157.	5.7	5
113	Synergetic tuning of electrical/thermal transport via dual-doping in $\text{Bi}_{0.96}\text{Mg}_x\text{Pb}_{0.06}\text{CuSeO}$. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1541-1547.	3.8	5
114	Thermoelectric properties of p-type polycrystalline $\text{Bi}_{0.8}\text{Sb}_{0.8}\text{In}_{0.4}\text{Se}_3$. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	5
115	Thermal stability of thermoelectric materials via in situ resistivity measurements. <i>Review of Scientific Instruments</i> , 2012, 83, 115114.	1.3	4
116	Topological effect of surface plasmon excitation in gapped isotropic topological insulator nanowires. <i>Canadian Journal of Physics</i> , 2015, 93, 591-598.	1.1	4
117	Bistructural Pseudocontinuous Solid Solution with Hierarchical Microstructures from Ab initio Study: Application to the $\text{Mg}_2\text{Sn}-\text{Mg}_3\text{Sb}_2$ System. <i>Acta Materialia</i> , 2022, 236, 118139.	7.9	3
118	Thermoelectric energy conversion using nanostructured materials. , 2011, , .		2
119	Thermoelectrics: $\text{Mg}_{3+x}\text{Sb}_x\text{Bi}_{2-x}$ Family: A Promising Substitute for the State-of-the-Art n-Type Thermoelectric Materials near Room Temperature (<i>Adv. Funct. Mater.</i> 4/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970020.	14.9	2
120	Thermodynamic activity of solute in multicomponent alloy from first-principles: Excess Mg in $\text{Mg}_3(\text{Sb}_{1-x}\text{Bi}_x)_2$ as an example. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2021, 74, 102318.	1.6	2
121	Contact for Bi_2Te_3 -Based Thermoelectric Leg. , 2017, , 605-624.		2
122	Impact of Tertiary Treatment Processes on the Effectiveness of Chloramination for Biological Growth Control in Recirculating Cooling Systems Using Treated Municipal Wastewater. <i>Journal of Environmental Engineering, ASCE</i> , 2014, 140, 04013003.	1.4	1
123	Module-level design and characterization of thermoelectric power generator. <i>Chinese Physics B</i> , 2022, 31, 048502.	1.4	1