

Haijun Wu

List of Publications by Year in descending order

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127
papers

13,442
citations

26567

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21474

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all docs

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docs citations

130
times ranked

11031
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution from Lead-Based to Lead-Free Piezoelectrics: Engineering of Lattices, Domains, Boundaries, and Defects Leading to Giant Response. <i>Advanced Materials</i> , 2022, 34, e2106845.	11.1	54
2	Seeing Structural Mechanisms of Optimized Piezoelectric and Thermoelectric Bulk Materials through Structural Defect Engineering. <i>Materials</i> , 2022, 15, 487.	1.3	3
3	Large-Scale Epitaxial Growth of Ultralong Stripe BiFeO ₃ Films and Anisotropic Optical Properties. <i>ACS Applied Materials & Interfaces</i> , 2022, , .	4.0	1
4	Nanotwins Strengthening High Thermoelectric Performance Bismuth Antimony Telluride Alloys. <i>Advanced Science</i> , 2022, 9, e2200432.	5.6	23
5	Multiscale Structure Engineering for High-Performance Pb-Free Piezoceramics. <i>Accounts of Materials Research</i> , 2022, 3, 461-471.	5.9	29
6	High-Ranged ZT Value Promotes Thermoelectric Cooling and Power Generation in n-Type PbTe. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	36
7	Origin of giant electric-field-induced strain in faulted alkali niobate films. <i>Nature Communications</i> , 2022, 13, .	5.8	11
8	Symmetry of the Underlying Lattice in (K,Na)NbO ₃ -Based Relaxor Ferroelectrics with Large Electromechanical Response. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 7461-7469.	4.0	30
9	Medium Entropy-Enabled High Performance Cubic GeTe Thermoelectrics. <i>Advanced Science</i> , 2021, 8, 2100220.	5.6	51
10	Alkali-deficiency driven charged out-of-phase boundaries for giant electromechanical response. <i>Nature Communications</i> , 2021, 12, 2841.	5.8	19
11	Nanoscale bubble domains with polar topologies in bulk ferroelectrics. <i>Nature Communications</i> , 2021, 12, 3632.	5.8	57
12	(GeTe) _{1-x} (AgSnSe ₂) _x : Strong Atomic Disorder-Induced High Thermoelectric Performance near the Ioffe-Regel Limit. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47081-47089.	4.0	22
13	Critical role of tellurium self-compensation in enhancing the thermoelectric performance of p-Type Bi _{0.4} Sb _{1.6} Te ₃ alloy. <i>Chemical Engineering Journal</i> , 2021, 425, 130670.	6.6	19
14	Constructing multi-type defects in In _{0.1} Sb _{1.9} Te ₃ -(MgB ₂) composites: Simultaneously enhancing the thermoelectric and mechanical properties. <i>Nano Energy</i> , 2021, 90, 106530.	8.2	10
15	Rationally optimized carrier effective mass and carrier density leads to high average ZT value in n-type PbSe. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23011-23018.	5.2	15
16	Synergistic Strategies to Boost Lead Telluride as Prospective Thermoelectrics. , 2021, , 155-189.		2
17	Bismuth ion battery – A new member in trivalent battery technology. <i>Energy Storage Materials</i> , 2020, 25, 100-104.	9.5	3
18	Strain stabilized nickel hydroxide nanoribbons for efficient water splitting. <i>Energy and Environmental Science</i> , 2020, 13, 229-237.	15.6	78

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19	New Role of Relaxor Multiphase Coexistence in Potassium Sodium Niobate Ceramics: Reduced Electric Field Dependence of Strain Temperature Stability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49822-49829.	4.0	11
20	Giant piezoelectricity in oxide thin films with nanopillar structure. <i>Science</i> , 2020, 369, 292-297.	6.0	86
21	High-performance potassium sodium niobate piezoceramics for ultrasonic transducer. <i>Nano Energy</i> , 2020, 70, 104559.	8.2	68
22	Enhanced mechanical and thermoelectric properties enabled by hierarchical structure in medium-temperature Sb ₂ Te ₃ based alloys. <i>Nano Energy</i> , 2020, 78, 105228.	8.2	26
23	Periodic Wrinkle-Patterned Single-Crystalline Ferroelectric Oxide Membranes with Enhanced Piezoelectricity. <i>Advanced Materials</i> , 2020, 32, e2004477.	11.1	47
24	Materializing efficient methanol oxidation via electron delocalization in nickel hydroxide nanoribbon. <i>Nature Communications</i> , 2020, 11, 4647.	5.8	117
25	Single-Atom Tungsten-Doped CoP Nanoarrays as a High-Efficiency pH-Universal Catalyst for Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14825-14832.	3.2	73
26	Extremely low thermal conductivity from bismuth selenohalides with 1D soft crystal structure. <i>Science China Materials</i> , 2020, 63, 1759-1768.	3.5	38
27	Ultrahigh Average $\langle ZT \rangle$ Realized in p-Type SnSe Crystalline Thermoelectrics through Producing Extrinsic Vacancies. <i>Journal of the American Chemical Society</i> , 2020, 142, 5901-5909.	6.6	94
28	Contrasting roles of small metallic elements M (M = Cu, Zn, Ni) in enhancing the thermoelectric performance of n-type PbM _{0.01} Se. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5699-5708.	5.2	32
29	Band Sharpening and Band Alignment Enable High Quality Factor to Enhance Thermoelectric Performance in n-Type PbS. <i>Journal of the American Chemical Society</i> , 2020, 142, 4051-4060.	6.6	130
30	Nanoscale Phase Mixture and Multifield-Induced Topotactic Phase Transformation in SrFeO _x . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21883-21893.	4.0	19
31	Flexible Ferroelectrics: Periodic Wrinkle-Patterned Single-Crystalline Ferroelectric Oxide Membranes with Enhanced Piezoelectricity (<i>Adv. Mater.</i> 50/2020). <i>Advanced Materials</i> , 2020, 32, 2070377.	11.1	0
32	(Ni,Co)Se ₂ /NiCo-LDH Core/Shell Structural Electrode with the Cactus-Like (Ni,Co)Se ₂ Core for Asymmetric Supercapacitors. <i>Small</i> , 2019, 15, e1803895.	5.2	203
33	Designing Energy Materials via Atomic-resolution Microscopy and Spectroscopy. <i>Microscopy and Microanalysis</i> , 2019, 25, 1998-1999.	0.2	1
34	Ultrahigh Performance in Lead-Free Piezoceramics Utilizing a Relaxor Slush Polar State with Multiphase Coexistence. <i>Journal of the American Chemical Society</i> , 2019, 141, 13987-13994.	6.6	296
35	Electronic-reconstruction-enhanced hydrogen evolution catalysis in oxide polymorphs. <i>Nature Communications</i> , 2019, 10, 3149.	5.8	42
36	Multiscale Defects as Strong Phonon Scatters to Enhance Thermoelectric Performance in Mg ₂ Sn _{1-x} Sb _x Solid Solutions. <i>Small Methods</i> , 2019, 3, 1900412.	4.6	16

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37	Simultaneous Boost of Power Factor and Figure of Merit in In-Cu Codoped SnTe. <i>Small</i> , 2019, 15, e1902493.	5.2	43
38	Synergistically optimizing interdependent thermoelectric parameters of n-type PbSe through introducing a small amount of Zn. <i>Materials Today Physics</i> , 2019, 9, 100102.	2.9	38
39	Percolated Strain Networks and Universal Scaling Properties of Strain Glasses. <i>Physical Review Letters</i> , 2019, 123, 015701.	2.9	18
40	Synergistic boost of output power density and efficiency in In-Li-codoped SnTe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21998-22003.	3.3	29
41	Enhancing Thermoelectric Performance of p-Type PbSe through Suppressing Electronic Thermal Transports. <i>ACS Applied Energy Materials</i> , 2019, 2, 8236-8243.	2.5	30
42	Artificial two-dimensional polar metal by charge transfer to a ferroelectric insulator. <i>Communications Physics</i> , 2019, 2, .	2.0	26
43	Enhanced Thermoelectric and Mechanical Properties in $\text{Yb}_{0.3}\text{Co}_4\text{Sb}_{12}$ with In Situ Formed CoSi Nanoprecipitates. <i>Advanced Energy Materials</i> , 2019, 9, 1902435.	10.2	53
44	Nanoscale Topotactic Phase Transformation in SrFeO_x Epitaxial Thin Films for High-Density Resistive Switching Memory. <i>Advanced Materials</i> , 2019, 31, e1903679.	11.1	58
45	Comprehensive Investigation on the Thermoelectric Properties of p-Type PbTe-PbSe-PbS Alloys. <i>Advanced Electronic Materials</i> , 2019, 5, 1900609.	2.6	29
46	High thermoelectric performance in low-cost $\text{SnS}_{0.91}\text{Se}_{0.09}$ crystals. <i>Science</i> , 2019, 365, 1418-1424.	6.0	395
47	Outstanding Piezoelectric Performance in Lead-Free $0.95(\text{K,Na})(\text{Sb,Nb})\text{O}_3 \sim 0.05(\text{Bi,Na,K})\text{ZrO}_3$ Thick Films with Oriented Nanophase Coexistence. <i>Advanced Electronic Materials</i> , 2019, 5, 1800691.	2.6	18
48	A Coherently Strained Monoclinic $[\text{111}]\text{PbTiO}_3$ Film Exhibiting Zero Poisson's Ratio State. <i>Advanced Functional Materials</i> , 2019, 29, 1901687.	7.8	30
49	Microstructural Origins of High Piezoelectric Performance: A Pathway to Practical Lead-Free Materials. <i>Advanced Functional Materials</i> , 2019, 29, 1902911.	7.8	58
50	Seeing atomic-scale structural origins and foreseeing new pathways to improved thermoelectric materials. <i>Materials Horizons</i> , 2019, 6, 1548-1570.	6.4	27
51	Synergistically optimizing interdependent thermoelectric parameters of n-type PbSe through alloying CdSe. <i>Energy and Environmental Science</i> , 2019, 12, 1969-1978.	15.6	99
52	Nitrogen-Doped Cobalt Phosphide for Enhanced Hydrogen Evolution Activity. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17359-17367.	4.0	40
53	Amphoteric Indium Enables Carrier Engineering to Enhance the Power Factor and Thermoelectric Performance in n-Type $\text{Ag}_n\text{Pb}_{100}\text{In}_n\text{Te}_{100+2n}$ (11ST). <i>Advanced Energy Materials</i> , 2019, 9, 1900414.	10.2	60
54	Rotatable precipitates change the scale-free to scale dependent statistics in compressed Ti nano-pillars. <i>Scientific Reports</i> , 2019, 9, 3778.	1.6	13

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55	Piezoelectric Films: Outstanding Piezoelectric Performance in Lead-Free $0.95(\text{K},\text{Na})(\text{Sb},\text{Nb})\text{O}_3 \cdot 0.05(\text{Bi},\text{Na},\text{K})\text{ZrO}_3$ Thick Films with Oriented Nanophase Coexistence (Adv. Electron. Mater. 4/2019). Advanced Electronic Materials, 2019, 5, 1970020.	2.6	3
56	Twinned Tungsten Carbonitride Nanocrystals Boost Hydrogen Evolution Activity and Stability. Small, 2019, 15, e1900248.	5.2	57
57	Defect Engineering of Oxygen-Deficient Manganese Oxide to Achieve High-Performing Aqueous Zinc Ion Battery. Advanced Energy Materials, 2019, 9, 1803815.	10.2	504
58	New insights into the role of dislocation engineering in N-type filled skutterudite CoSb_3 . Journal of Materials Chemistry C, 2019, 7, 13622-13631.	2.7	25
59	Intrinsically Low Thermal Conductivity in BiSbSe_3 : A Promising Thermoelectric Material with Multiple Conduction Bands. Advanced Functional Materials, 2019, 29, 1806558.	7.8	86
60	NiFe Layered Double-Hydroxide Nanosheets on a Cactuslike $(\text{Ni},\text{Co})\text{Se}_2$ Support for Water Oxidation. ACS Applied Nano Materials, 2019, 2, 325-333.	2.4	20
61	Realizing High Thermoelectric Performance in p-Type SnSe through Crystal Structure Modification. Journal of the American Chemical Society, 2019, 141, 1141-1149.	6.6	137
62	Metal-organic framework-derived integrated nanoarrays for overall water splitting. Journal of Materials Chemistry A, 2018, 6, 9009-9018.	5.2	74
63	Premartensite serving as an intermediary state between strain glass and martensite in ferromagnetic Ni-Fe-Mn-Ga. Materials and Design, 2018, 152, 102-109.	3.3	13
64	Hollow Mo-doped CoP nanoarrays for efficient overall water splitting. Nano Energy, 2018, 48, 73-80.	8.2	608
65	Cactus-Like $\text{NiCoP}/\text{NiCoOH}$ 3D Architecture with Tunable Composition for High-Performance Electrochemical Capacitors. Advanced Functional Materials, 2018, 28, 1800036.	7.8	274
66	Orthorhombic Ti_2O_3 : A Polymorph-Dependent Narrow-Bandgap Ferromagnetic Oxide. Advanced Functional Materials, 2018, 28, 1705657.	7.8	36
67	Investigations on electrical and thermal transport properties of Cu_2SnSe_3 with unusual coexisting nanophases. Materials Today Physics, 2018, 7, 77-88.	2.9	25
68	Decoding the Structural Origin of Piezoelectric and Thermoelectric Materials with Aberration-Corrected STEM. Microscopy and Microanalysis, 2018, 24, 72-73.	0.2	1
69	Open hollow CoPt clusters embedded in carbon nanoflake arrays for highly efficient alkaline water splitting. Journal of Materials Chemistry A, 2018, 6, 20214-20223.	5.2	42
70	The Atomic Circus: Small Electron Beams Spotlight Advanced Materials Down to the Atomic Scale. Advanced Materials, 2018, 30, e1802402.	11.1	27
71	Epitaxial Ferroelectric $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ Thin Films and Their Implementations in Memristors for Brain-Inspired Computing. Advanced Functional Materials, 2018, 28, 1806037.	7.8	138
72	Practical High Piezoelectricity in Barium Titanate Ceramics Utilizing Multiphase Convergence with Broad Structural Flexibility. Journal of the American Chemical Society, 2018, 140, 15252-15260.	6.6	187

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73	Entropy Engineering of SnTe: Multi-Principal Element Alloying Leading to Ultralow Lattice Thermal Conductivity and State-of-the-Art Thermoelectric Performance. <i>Advanced Energy Materials</i> , 2018, 8, 1802116.	10.2	157
74	Extraordinary thermoelectric performance in n-type manganese doped Mg ₃ Sb ₂ Zintl: High band degeneracy, tuned carrier scattering mechanism and hierarchical microstructure. <i>Nano Energy</i> , 2018, 52, 246-255.	8.2	188
75	Synergistic Compositional-Mechanical-Thermal Effects Leading to a Record High $\langle zT \rangle$ in n-Type V ₂ VI ₃ Alloys Through Progressive Hot Deformation. <i>Advanced Functional Materials</i> , 2018, 28, 1803617.	7.8	73
76	Thermoelectric SnTe with Band Convergence, Dense Dislocations, and Interstitials through Sn Self-Compensation and Mn Alloying. <i>Small</i> , 2018, 14, e1802615.	5.2	132
77	Single Co Atoms Anchored in Porous N-Doped Carbon for Efficient Zinc-Air Battery Cathodes. <i>ACS Catalysis</i> , 2018, 8, 8961-8969.	5.5	364
78	Progress and prospects of aberration-corrected STEM for functional materials. <i>Ultramicroscopy</i> , 2018, 194, 182-192.	0.8	29
79	Realizing high performance n-type PbTe by synergistically optimizing effective mass and carrier mobility and suppressing bipolar thermal conductivity. <i>Energy and Environmental Science</i> , 2018, 11, 2486-2495.	15.6	200
80	Anomalous Hall magnetoresistance in a ferromagnet. <i>Nature Communications</i> , 2018, 9, 2255.	5.8	39
81	Understanding Phonon Scattering by Nanoprecipitates in Potassium-Doped Lead Chalcogenides. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3686-3693.	4.0	6
82	The structural origin of enhanced piezoelectric performance and stability in lead free ceramics. <i>Energy and Environmental Science</i> , 2017, 10, 528-537.	15.6	386
83	Strategy to optimize the overall thermoelectric properties of SnTe via compositing with its property-counter CuInTe ₂ . <i>Acta Materialia</i> , 2017, 125, 542-549.	3.8	56
84	Mg vacancy and dislocation strains as strong phonon scatterers in Mg ₂ Si _{1-x} Sb _x thermoelectric materials. <i>Nano Energy</i> , 2017, 34, 428-436.	8.2	116
85	Simultaneously enhancing the power factor and reducing the thermal conductivity of SnTe via introducing its analogues. <i>Energy and Environmental Science</i> , 2017, 10, 2420-2431.	15.6	116
86	Hollow Co ₃ O ₄ Nanosphere Embedded in Carbon Arrays for Stable and Flexible Solid-State Zinc-Air Batteries. <i>Advanced Materials</i> , 2017, 29, 1704117.	11.1	407
87	Investigation on thermal transport and structural properties of InFeO ₃ (ZnO) _m with modulated layer structures. <i>Acta Materialia</i> , 2017, 136, 235-241.	3.8	18
88	Material descriptors for morphotropic phase boundary curvature in lead-free piezoelectrics. <i>Applied Physics Letters</i> , 2017, 111, 032907.	1.5	14
89	Enhancing Thermoelectric Performance of n-Type Hot Deformed Bismuth-Telluride-Based Solid Solutions by Nonstoichiometry-Mediated Intrinsic Point Defects. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28577-28585.	4.0	71
90	Effect of martensitic structure on the magnetic field controlled damping effect in a Ni-Fe-Mn-Ca ferromagnetic shape memory alloy. <i>Journal of Materials Science</i> , 2017, 52, 12854-12860.	1.7	7

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91	Remarkable Roles of Cu To Synergistically Optimize Phonon and Carrier Transport in n-Type PbTe-Cu ₂ Te. Journal of the American Chemical Society, 2017, 139, 18732-18738.	6.6	230
92	Metal-organic framework derived hollow CoS ₂ nanotube arrays: an efficient bifunctional electrocatalyst for overall water splitting. Nanoscale Horizons, 2017, 2, 342-348.	4.1	247
93	Sulfur-doped cobalt phosphide nanotube arrays for highly stable hybrid supercapacitor. Nano Energy, 2017, 39, 162-171.	8.2	273
94	Multiple Converged Conduction Bands in K ₂ Bi ₈ Se ₁₃ : A Promising Thermoelectric Material with Extremely Low Thermal Conductivity. Journal of the American Chemical Society, 2016, 138, 16364-16371.	6.6	130
95	Attaining high mid-temperature performance in (Bi,Sb) ₂ Te ₃ thermoelectric materials via synergistic optimization. NPC Asia Materials, 2016, 8, e302-e302.	3.8	119
96	Enhancing the Figure of Merit of Heavy-Band Thermoelectric Materials Through Hierarchical Phonon Scattering. Advanced Science, 2016, 3, 1600035.	5.6	147
97	Extremely Low Thermal Conductivity in Thermoelectric Ge _{0.55} Pb _{0.45} Te Solid Solutions via Se Substitution. Chemistry of Materials, 2016, 28, 6367-6373.	3.2	42
98	Giant Piezoelectricity and High Curie Temperature in Nanostructured Alkali Niobate Lead-Free Piezoceramics through Phase Coexistence. Journal of the American Chemical Society, 2016, 138, 15459-15464.	6.6	310
99	The Role of Electron-Phonon Interaction in Heavily Doped Fine-Grained Bulk Silicons as Thermoelectric Materials. Advanced Electronic Materials, 2016, 2, 1600171.	2.6	38
100	Enhanced thermoelectric performance of PbTe bulk materials with figure of merit zT > 2 by multi-functional alloying. Journal of Materiomics, 2016, 2, 141-149.	2.8	118
101	Enhanced Thermoelectric Properties in the Counter-Doped SnTe System with Strained Endotaxial SrTe. Journal of the American Chemical Society, 2016, 138, 2366-2373.	6.6	269
102	Tuning Multiscale Microstructures to Enhance Thermoelectric Performance of n-Type Bismuth-Telluride-Based Solid Solutions. Advanced Energy Materials, 2015, 5, 1500411.	10.2	379
103	Lattice-Mismatch-Induced Twinning for Seeded Growth of Anisotropic Nanostructures. ACS Nano, 2015, 9, 3307-3313.	7.3	86
104	Advanced electron microscopy for thermoelectric materials. Nano Energy, 2015, 13, 626-650.	8.2	80
105	Synergistically optimized electrical and thermal transport properties of SnTe via alloying high-solubility MnTe. Energy and Environmental Science, 2015, 8, 3298-3312.	15.6	268
106	Strong enhancement of phonon scattering through nanoscale grains in lead sulfide thermoelectrics. NPC Asia Materials, 2014, 6, e108-e108.	3.8	140
107	Significantly Enhanced Thermoelectric Performance in n-Type Heterogeneous BiAgSeS Composites. Advanced Functional Materials, 2014, 24, 7763-7771.	7.8	91
108	Electron Microscopy for Characterization of Thermoelectric Nanomaterials. , 2014, , 427-536.		0

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109	Understanding the Role of Potassium Doping in PbTe-PbS Thermoelectrics. <i>Microscopy and Microanalysis</i> , 2014, 20, 506-507.	0.2	3
110	Origin of the High Performance in GeTe-Based Thermoelectric Materials upon Bi ₂ Te ₃ Doping. <i>Journal of the American Chemical Society</i> , 2014, 136, 11412-11419.	6.6	319
111	P ⁺ N co-doping induced structural recovery of TiO ₂ for overall water splitting under visible light irradiation. <i>Journal of Alloys and Compounds</i> , 2014, 615, 79-83.	2.8	32
112	Broad temperature plateau for thermoelectric figure of merit ZT ² in phase-separated PbTe _{0.7} Sn _{0.3} . <i>Nature Communications</i> , 2014, 5, 4515.	5.8	461
113	High Thermoelectric Performance Realized in a BiCuSeO System by Improving Carrier Mobility through 3D Modulation Doping. <i>Journal of the American Chemical Society</i> , 2014, 136, 13902-13908.	6.6	317
114	Adaptive ferroelectric state at morphotropic phase boundary: Coexisting tetragonal and rhombohedral phases. <i>Acta Materialia</i> , 2014, 71, 176-184.	3.8	77
115	High thermoelectric performance of Ge _{1-x} Pb _x Se _{0.5} Te _{0.5} due to (Pb, Se) co-doping. <i>Acta Materialia</i> , 2014, 74, 215-223.	3.8	28
116	Strain glass transition in a multifunctional $\hat{\Gamma}^2$ -type Ti alloy. <i>Scientific Reports</i> , 2014, 4, 3995.	1.6	76
117	High thermoelectric performance in n-type BiAgSeS due to intrinsically low thermal conductivity. <i>Energy and Environmental Science</i> , 2013, 6, 1750.	15.6	68
118	Texturation boosts the thermoelectric performance of BiCuSeO oxyselenides. <i>Energy and Environmental Science</i> , 2013, 6, 2916.	15.6	326
119	All-scale hierarchical thermoelectrics: MgTe in PbTe facilitates valence band convergence and suppresses bipolar thermal transport for high performance. <i>Energy and Environmental Science</i> , 2013, 6, 3346.	15.6	646
120	Fe substitution induced intermartensitic transition and its internal stress dependent transforming behavior in Ni ⁺ Mn ⁺ Ga based alloy. <i>Journal of Alloys and Compounds</i> , 2013, 581, 812-815.	2.8	5
121	Role of Sodium Doping in Lead Chalcogenide Thermoelectrics. <i>Journal of the American Chemical Society</i> , 2013, 135, 4624-4627.	6.6	128
122	Time-dependent ferroelectric transition in Pb(1-x)(Zr _{0.4} Ti _{0.6})(1-x/4)O ₃ La system. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	14
123	Spontaneous strain glass to martensite transition in ferromagnetic Ni-Co-Mn-Ga strain glass. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	22
124	On the Origin of Low Thermal Conductivity in High Thermoelectric Performance in n-type BiAgSeS. <i>Microscopy and Microanalysis</i> , 2013, 19, 2000-2001.	0.2	0
125	Large piezoelectricity and dielectric permittivity in BaTiO ₃ -xBaSnO ₃ system: The role of phase coexisting. <i>Europhysics Letters</i> , 2012, 98, 27008.	0.7	206
126	Microstructure at morphotropic phase boundary in Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ ceramic: Coexistence of nano-scaled {110}-type rhombohedral twin and {110}-type tetragonal twin. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	43

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127	Microstructure basis for strong piezoelectricity in Pb-free Ba(Zr _{0.2} Ti _{0.8})O ₃ -(Ba _{0.7} Ca _{0.3})TiO ₃ ceramics. Applied Physics Letters, 2011, 99, .	1.5	241