

Jian He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4075924/publications.pdf>

Version: 2024-02-01

129
papers

8,114
citations

57758

44
h-index

49909

87
g-index

131
all docs

131
docs citations

131
times ranked

7085
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in thermoelectric materials research: Looking back and moving forward. <i>Science</i> , 2017, 357, .	12.6	1,613
2	Identifying the Specific Nanostructures Responsible for the High Thermoelectric Performance of (Bi,Sb) ₂ Te ₃ Nanocomposites. <i>Nano Letters</i> , 2010, 10, 3283-3289.	9.1	484
3	High-performance half-Heusler thermoelectric materials Hf _{1-x} Zr _x NiSn _{1-y} Sb _y prepared by levitation melting and spark plasma sintering. <i>Acta Materialia</i> , 2009, 57, 2757-2764.	7.9	373
4	New Insights into Intrinsic Point Defects in V ₂ VI ₃ Thermoelectric Materials. <i>Advanced Science</i> , 2016, 3, 1600004.	11.2	317
5	Thermoelectric power factor: Enhancement mechanisms and strategies for higher performance thermoelectric materials. <i>Materials Science and Engineering Reports</i> , 2015, 97, 1-22.	31.8	311
6	Oxide thermoelectrics: The challenges, progress, and outlook. <i>Journal of Materials Research</i> , 2011, 26, 1762-1772.	2.6	261
7	Flexible thermoelectrics: from silver chalcogenides to full-inorganic devices. <i>Energy and Environmental Science</i> , 2019, 12, 2983-2990.	30.8	188
8	Exceptional plasticity in the bulk single-crystalline van der Waals semiconductor InSe. <i>Science</i> , 2020, 369, 542-545.	12.6	163
9	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.	19.5	157
10	High Performance Mg ₂ (Si,Sn) Solid Solutions: a Point Defect Chemistry Approach to Enhancing Thermoelectric Properties. <i>Advanced Functional Materials</i> , 2014, 24, 3776-3781.	14.9	141
11	Attaining high mid-temperature performance in (Bi,Sb) ₂ Te ₃ thermoelectric materials via synergistic optimization. <i>NPG Asia Materials</i> , 2016, 8, e302-e302.	7.9	119
12	Tracking the sliding of grain boundaries at the atomic scale. <i>Science</i> , 2022, 375, 1261-1265.	12.6	115
13	Hot deformation induced bulk nanostructuring of unidirectionally grown p-type (Bi,Sb) ₂ Te ₃ thermoelectric materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11589.	10.3	110
14	Monitoring pH-Triggered Drug Release from Radioluminescent Nanocapsules with X-ray Excited Optical Luminescence. <i>ACS Nano</i> , 2013, 7, 1178-1187.	14.6	110
15	Roles of interstitial Mg in improving thermoelectric properties of Sb-doped Mg ₂ Si _{0.4} Sn _{0.6} solid solutions. <i>Journal of Materials Chemistry</i> , 2012, 22, 6838.	6.7	107
16	Preferential Scattering by Interfacial Charged Defects for Enhanced Thermoelectric Performance in Few-layered n-type Bi ₂ Te ₃ . <i>Scientific Reports</i> , 2013, 3, 3212.	3.3	107
17	Towards higher thermoelectric performance of Bi ₂ Te ₃ via defect engineering. <i>Scripta Materialia</i> , 2016, 111, 39-43.	5.2	100
18	Simultaneously optimizing the independent thermoelectric properties in (Ti,Zr,Hf)(Co,Ni)Sb alloy by in situ forming InSb nanoinclusions. <i>Acta Materialia</i> , 2010, 58, 4705-4713.	7.9	99

#	ARTICLE	IF	CITATIONS
19	High performance Bi ₂ Te ₃ nanocomposites prepared by single-element-melt-spinning spark-plasma sintering. <i>Journal of Materials Science</i> , 2013, 48, 2745-2760.	3.7	96
20	Manipulating the Combustion Wave during Self-Propagating Synthesis for High Thermoelectric Performance of Layered Oxychalcogenide Bi _{2-x} Pb _x CuSeO. <i>Chemistry of Materials</i> , 2016, 28, 4628-4640.	6.7	88
21	Significant ZT enhancement in p-type Ti(Co,Fe)Sb-InSb nanocomposites via a synergistic high-mobility electron injection, energy-filtering and boundary-scattering approach. <i>Acta Materialia</i> , 2013, 61, 2087-2094.	7.9	87
22	Thermopower and harvesting heat. <i>Science</i> , 2021, 371, 343-344.	12.6	80
23	Ga-substituted Li ₇ La ₃ Zr ₂ O ₁₂ : An investigation based on grain coarsening in garnet-type lithium ion conductors. <i>Journal of Alloys and Compounds</i> , 2017, 695, 3744-3752.	5.5	79
24	Facile room temperature solventless synthesis of high thermoelectric performance Ag ₂ Se via a dissociative adsorption reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23243-23251.	10.3	79
25	Bulk Hexagonal Boron Nitride with a Quasi-Isotropic Thermal Conductivity. <i>Advanced Functional Materials</i> , 2018, 28, 1707556.	14.9	78
26	Label-Free and Continuous-Flow Ferrohydrodynamic Separation of HeLa Cells and Blood Cells in Biocompatible Ferrofluids. <i>Advanced Functional Materials</i> , 2016, 26, 3990-3998.	14.9	77
27	First-principles study of the electronic, optical, and lattice vibrational properties of AgSbTe . <i>Physical Review B</i> , 2008, 77, .	3.2	75
28	Synergistic Compositional-Mechanical-Thermal Effects Leading to a Record High zT in n-Type V_2VI_3 Alloys Through Progressive Hot Deformation. <i>Advanced Functional Materials</i> , 2018, 28, 1803617.	14.9	73
29	Magnetic and optical properties of multifunctional core-shell radioluminescence nanoparticles. <i>Journal of Materials Chemistry</i> , 2012, 22, 12802.	6.7	71
30	Thermodynamic Routes to Ultralow Thermal Conductivity and High Thermoelectric Performance. <i>Advanced Materials</i> , 2020, 32, e1906457.	21.0	71
31	Conformal organic-inorganic semiconductor composites for flexible thermoelectrics. <i>Energy and Environmental Science</i> , 2020, 13, 511-518.	30.8	67
32	Flexible, auxetic and strain-tunable two dimensional penta-X ₂ C family as water splitting photocatalysts with high carrier mobility. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7791-7799.	10.3	66
33	Recent advances in inorganic material thermoelectrics. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2380-2398.	6.0	63
34	Electronic and magnetic properties of pristine and hydrogenated borophene nanoribbons. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 91, 106-112.	2.7	60
35	Improved thermoelectric performance in polycrystalline p-type Bi ₂ Te ₃ via an alkali metal salt hydrothermal nanocoating treatment approach. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	59
36	Investigation of the sintering pressure and thermal conductivity anisotropy of melt-spun spark-plasma-sintered (Bi,Sb) ₂ Te ₃ thermoelectric materials. <i>Journal of Materials Research</i> , 2011, 26, 1791-1799.	2.6	58

#	ARTICLE	IF	CITATIONS
37	Leveraging Deep Levels in Narrow Bandgap Bi _{0.5} Sb _{1.5} Te ₃ for Record-High $\langle zT \rangle_{ave}$ Near Room Temperature. <i>Advanced Functional Materials</i> , 2020, 30, 2005202.	14.9	57
38	Inter-tube bonding, graphene formation and anisotropic transport properties in spark plasma sintered multi-wall carbon nanotube arrays. <i>Carbon</i> , 2010, 48, 756-762.	10.3	56
39	Room-temperature plastic inorganic semiconductors for flexible and deformable electronics. <i>Informa Mater</i> , 2021, 3, 22-35.	17.3	55
40	High-Temperature Thermoelectric Properties of Co ₄ Sb ₁₂ -Based Skutterudites with Multiple Filler Atoms: Ce _{0.1} In _x Yb _y Co ₄ Sb ₁₂ . <i>Journal of Electronic Materials</i> , 2011, 40, 696-701.	2.2	53
41	Thermoelectric study of crossroads material MnTe via sulfur doping. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	53
42	Compositional Fluctuations Locked by Athermal Transformation Yielding High Thermoelectric Performance in GeTe. <i>Advanced Materials</i> , 2021, 33, e2005612.	21.0	52
43	High-Temperature Structural and Thermoelectric Study of Argyrodite Ag ₈ GeSe ₆ . <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2168-2176.	8.0	51
44	Origin of the Distinct Thermoelectric Transport Properties of Chalcopyrite ABTe ₂ (A) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	14.9	50
45	A study of Yb _{0.2} Co ₄ Sb ₁₂ AgSbTe ₂ nanocomposites: simultaneous enhancement of all three thermoelectric properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 73-79.	10.3	45
46	Nonlinear optical signatures of the tensor order in Cd ₂ Re ₂ O ₇ . <i>Nature Physics</i> , 2006, 2, 605-608.	16.7	43
47	High temperature thermoelectric properties of double-filled In _x Yb _y Co ₄ Sb ₁₂ skutterudites. <i>Journal of Applied Physics</i> , 2009, 105, 084907.	2.5	43
48	Combining positive and negative magnetophoreses to separate particles of different magnetic properties. <i>Microfluidics and Nanofluidics</i> , 2014, 17, 973-982.	2.2	43
49	Miscibility gap and thermoelectric properties of ecofriendly Mg ₂ Si _{1-x} Sn _x (0.1 ≤ x ≤ 0.8) solid solutions by flux method. <i>Journal of Materials Research</i> , 2011, 26, 3038-3043.	2.6	42
50	High thermoelectric figure of merit by resonant dopant in half-Heusler alloys. <i>AIP Advances</i> , 2017, 7, .	1.3	41
51	Thermoelectric Figure-of-Merit of Fully Dense Single-Crystalline SnSe. <i>ACS Omega</i> , 2019, 4, 5442-5450.	3.5	40
52	Significant enhancement in thermoelectric properties of polycrystalline Pr-doped SrTiO ₃ ceramics originating from nonuniform distribution of Pr dopants. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	39
53	Enhancing the thermoelectric performance of nanosized CoSb ₃ via short-range percolation of electrically conductive WTe ₂ inclusions. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13874-13880.	10.3	38
54	High Thermoelectric Performance in Sulfide-Type Argyrodites Compound Ag ₈ Sn(S _{1-x} X _x) ₆ Enabled by Ultralow Lattice Thermal Conductivity and Extended Cubic Phase Regime. <i>Advanced Functional Materials</i> , 2020, 30, 2000526.	14.9	38

#	ARTICLE	IF	CITATIONS
55	Tuning electrical and thermal connectivity in multiwalled carbon nanotube buckypaper. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 334215.	1.8	37
56	Strain-Induced Ultrahigh Electron Mobility and Thermoelectric Figure of Merit in Monolayer InTe . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 43901-43910.	8.0	36
57	Synthesis and Thermoelectric Properties of the Double-Filled Skutterudite $\text{Yb}_{0.2}\text{In}_y\text{Co}_4\text{Sb}_{12}$. <i>Journal of Electronic Materials</i> , 2009, 38, 981-984.	2.2	35
58	Enhancement of Thermoelectric Performance of Ball-Milled Bismuth Due to Spark-Plasma-Sintering-Induced Interface Modifications. <i>Advanced Materials</i> , 2013, 25, 1033-1037.	21.0	35
59	Thermal conductivity and specific heat of bulk amorphous chalcogenides $\text{Ge}_{20}\text{Te}_{80-x}\text{Se}_x$ ($x=0,1,2,8$). <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 79-83.	3.1	33
60	Toward high thermoelectric performance p-type $\text{FeSb}_{2.2}\text{Te}_{0.8}$ via in situ formation of InSb nano-inclusions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8372-8380.	5.5	33
61	Optimizing thermoelectric properties of BiSe through Cu additive enhanced effective mass and phonon scattering. <i>Rare Metals</i> , 2020, 39, 1374-1382.	7.1	33
62	$\text{n-Bi}_{2-x}\text{Sb}_x\text{Te}_3$: A Promising Alternative to Mainstream Thermoelectric Material $\text{n-Bi}_2\text{Te}_3$ near Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31619-31627.	8.0	33
63	Laser-assisted synthesis and optical properties of bismuth nanorods. <i>Chemical Physics Letters</i> , 2007, 442, 334-338.	2.6	31
64	Improving p-type thermoelectric performance of $\text{Mg}_2(\text{Ge},\text{Sn})$ compounds via solid solution and Ag doping. <i>Intermetallics</i> , 2013, 32, 312-317.	3.9	31
65	Mechanochemical synthesis of high thermoelectric performance bulk Cu_2X ($\text{X} = \text{S}, \text{Se}$) materials. <i>APL Materials</i> , 2016, 4, .	5.1	30
66	Thermal conductivity of CoSb_3 nano-composites grown via a novel solvothermal nano-plating technique. <i>Physica Status Solidi - Rapid Research Letters</i> , 2007, 1, 229-231.	2.4	27
67	Thermoelectric properties of n-type double substituted SrTiO_3 bulk materials. <i>Dalton Transactions</i> , 2010, 39, 1031-1035.	3.3	27
68	Thermoelectric materials with crystal-amorphicity duality induced by large atomic size mismatch. <i>Joule</i> , 2021, 5, 1183-1195.	24.0	27
69	Effects of partial La filling and Sb vacancy defects on CoSb_3 skutterudites. <i>Physical Review B</i> , 2017, 95, .	3.2	26
70	Phonon-limited carrier mobility and temperature-dependent scattering mechanism of 3C-SiC from first principles. <i>Physical Review B</i> , 2019, 99, .	3.2	26
71	Evidence for surface states in pristine and Co-doped ZnO nanostructures: magnetization and nonlinear optical studies. <i>Nanotechnology</i> , 2011, 22, 095703.	2.6	24
72	Leveraging bipolar effect to enhance transverse thermoelectricity in semimetal Mg_2Pb for cryogenic heat pumping. <i>Nature Communications</i> , 2021, 12, 3837.	12.8	24

#	ARTICLE	IF	CITATIONS
73	Spark-plasma-sintered barium zirconate based proton conductors for solid oxide fuel cell and hydrogen separation applications. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 5707-5714.	7.1	23
74	Insights into the Proton Transport Mechanism in TiO_2 Simple Oxides by <i>In Situ</i> Raman Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38012-38018.	8.0	22
75	$(\text{GeTe})_{1-x}(\text{AgSnSe})_x$: Strong Atomic Disorder-Induced High Thermoelectric Performance near the Ioffe-Regel Limit. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47081-47089.	8.0	22
76	Spin Polarons in the Correlated Metallic Pyrochlore $\text{Cd}_2\text{Re}_2\text{O}_7$. <i>Physical Review Letters</i> , 2010, 105, 076402.	7.8	20
77	Thermoelectric Properties of Li-Intercalated ZrSe_2 Single Crystals. <i>Journal of Electronic Materials</i> , 2013, 42, 1751-1755.	2.2	20
78	Structural Modularization of Cu_2Te Leading to High Thermoelectric Performance near the Mott-Ioffe-Regel Limit. <i>Advanced Materials</i> , 2022, 34, e2108573.	21.0	20
79	Thermoelectric Properties of $\text{Mo}_3\text{Sb}_{5.4}\text{Te}_{1.6}$ and $\text{Ni}_{0.06}\text{Mo}_3\text{Sb}_{5.4}\text{Te}_{1.6}$. <i>Journal of Electronic Materials</i> , 2007, 36, 727-731.	2.2	19
80	Fabrication and thermoelectric properties of Yb-doped ZrNiSn half-Heusler alloys. <i>International Journal of Smart and Nano Materials</i> , 2012, 3, 64-71.	4.2	19
81	Fe_2O_3 thin films in $\text{Rb}_x\text{Mn}_{1-x}\text{Fe}_2\text{O}_7$. <i>Journal of Applied Physics</i> , 2005, 98, 044102.		

#	ARTICLE	IF	CITATIONS
91	Novel synthesis recipes boosting thermoelectric study of A ₂ Q (A = Cu, Ag; Q = S, Se, Te). Journal of Applied Physics, 2020, 53, 193001.	2.8	12
92	New Directions in Bulk Thermoelectric Materials Research: Synthesis of Nanoscale Precursors for Bulk-Composite Thermoelectric Materials. Materials Research Society Symposia Proceedings, 2005, 886, 1.	0.1	11
93	Crystal Growth, Structure, and Stoichiometry of the Superconducting Pyrochlore Cd ₂ Re ₂ O ₇ . Journal of Electronic Materials, 2007, 36, 740-745.	2.2	11
94	The role of Fe-iron nanoparticles in the growth of carbon nanotubes. Applied Physics Letters, 2008, 93, .	3.3	11
95	Raman spectra of double-filled skutterudites In _x Yb _y Co ₄ Sb ₁₂ . Procedia Engineering, 2012, 27, 121-127.	1.2	11
96	Qualifying the Role of Indium in the Multiple-Filled Ce _{0.1} In _x Yb _{0.2} Co ₄ Sb ₁₂ Skutterudite. Inorganics, 2014, 2, 168-176.	2.7	11
97	High temperature thermoelectric properties of skutterudite-Bi ₂ Te ₃ nanocomposites. Intermetallics, 2016, 76, 33-40.	3.9	10
98	Fast ion transport for synthesis and stabilization of Fe ₂ -Zn ₄ Sb ₃ . Nature Communications, 2021, 12, 6077.	12.8	9
99	Theoretical investigations of electrical transport properties in CoSb ₃ skutterudites under hydrostatic loadings. Rare Metals, 2018, 37, 316-325.	7.1	8
100	Sub-50 picosecond to microsecond carrier transport dynamics in pentacene thin films. Applied Physics Letters, 2018, 113, 183509.	3.3	8
101	Direct visualization of spatially correlated displacive short-range ordering in Nb _{0.8} CoSb. Nanoscale, 2020, 12, 21624-21628.	5.6	8
102	Thermoelectric properties and Kondo behavior in indium incorporated p-type Ce _{0.9} Fe _{3.5} Ni _{0.5} Sb ₁₂ skutterudites. Journal of Applied Physics, 2012, 112, 033710.	2.5	7
103	Significant improvement of thermoelectric performance in nanostructured bismuth networks. Nano Energy, 2012, 1, 706-713.	16.0	7
104	Enhancing Thermoelectric Properties of Si ₈₀ Ge ₂₀ Alloys Utilizing the Decomposition of NaBH ₄ in the Spark Plasma Sintering Process. Energies, 2015, 8, 10958-10970.	3.1	7
105	Improving thermoelectric performance of (Bi _{0.2} Sb _{0.8}) ₂ (Te _{0.97} Se _{0.03}) ₃ via Sm-doping. Journal of Alloys and Compounds, 2019, 787, 909-917.	5.5	7
106	Thermoelectric Materials: Compositional Fluctuations Locked by Athermal Transformation Yielding High Thermoelectric Performance in GeTe (Adv. Mater. 1/2021). Advanced Materials, 2021, 33, 2170008.	21.0	6
107	Single-crystal growth of Na _x Co ₂ O ₄ via a novel low-temperature flux method. Journal of Crystal Growth, 2008, 310, 665-670.	1.5	5
108	Synthesis and Structure of Bismuth(III)-Containing Noncentrosymmetric Phosphates, Cs ₃ KBi ₂ M ₄ (PO ₄) ₆ Cl (M = Mn, Fe). Monoclinic (<i>Cc</i>) and Tetragonal (<i>P</i> ₄) Polymorphs Templated by Chlorine-Centered Cl(Bi ₂ Cs) Acentric Units. Inorganic Chemistry, 2012, 51, 9723-9729.	4.0	5

#	ARTICLE	IF	CITATIONS
109	Determination of in-plane thermal conductivity of Na _x Co ₂ O ₄ single crystals via a parallel thermal conductance (PTC) technique. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1152-1156.	1.8	4
110	New Ternary Arsenides for High-Temperature Thermoelectric Applications. Journal of Electronic Materials, 2009, 38, 1030-1036.	2.2	4
111	ELECTRICAL TRANSPORT PROPERTIES OF SINGLE-WALLED CARBON NANOTUBE BUNDLES TREATED WITH BORIC ACID. Nano, 2011, 06, 337-341.	1.0	4
112	Improving Thermoelectric Performance of Pulverized p-Type Bi ₂ Te ₃ via a Grain Boundary Engineering Approach. Science of Advanced Materials, 2011, 3, 596-601.	0.7	4
113	Naturally occurring and stress induced tubular structures from mammalian cells, a survival mechanism. BMC Cell Biology, 2007, 8, 36.	3.0	3
114	LOW TEMPERATURE THERMOELECTRIC PROPERTIES AND AGING PHENOMENA OF NANOSTRUCTURED p-TYPE Bi ₂ X ₃ Te ₃ (x =) Tj ETQq 0 0 rgB3 /Overlock	0.0	3
115	Synthesis and superconductivity in spark plasma sintered pristine and graphene-doped FeSe _{0.5} Te _{0.5} . Nanotechnology Reviews, 2015, 4, .	5.8	3
116	Synergistic effects of Lanthanum substitution on enhancing the thermoelectric properties of $\hat{1}^2$ -Zn ₄ Sb ₃ . Journal of Materiomics, 2016, 2, 273-279.	5.7	3
117	Thermal transport in phase-stabilized lithium zirconate phosphates. Applied Physics Letters, 2020, 117, 011903.	3.3	3
118	Enhanced Thermoelectric Performance and Electronic Transport Properties of Ag-Doped Cu _{2-x} Se _{0.5} . ACS Applied Energy Materials, 0, , .	5.1	3
119	The Study of Solvothermal Synthesis of Nano-Engineered CoSb ₃ Skutterudite Thermoelectric Materials. Materials Research Society Symposia Proceedings, 2007, 1044, 1.	0.1	2
120	Structure formation and very low thermal conductivity in Pb:Te:Ag:Se mixtures. Journal of Applied Physics, 2010, 107, 033519.	2.5	2
121	Enhanced ferromagnetic order in Sr ₄ Mn ₃ O ₃ (GeO ₄) ₃ featuring canted [MnO ₄] spin chains of mixed-valent Mn(III)/Mn(IV). Aliovalent substitution of the Sr ₄ LnMn ₁₂ +Mn ₁₄ O ₃ (GeO ₄) ₃ solid-solution. Journal of Solid State Chemistry, 2013, 206, 51-59.	2.9	2
122	Magnetoelastic coupling in A ₂ FeReO ₆ (A = Ba and Ca) probed by elastic constants and magnetostriction measurements. Journal of Applied Physics, 2015, 117, .	2.5	2
123	Highly charged interface trap states in PbS _{1-x} govern electro-thermal transport. APL Materials, 2019, 7, 071105.	5.1	2
124	Spark Plasma Sintering: A Brief Survey of Recent Patents. Recent Patents on Materials Science, 2012, 5, 191-198.	0.5	2
125	Lattice thermal transport in double-filled skutterudites In _{0.1} Yb _y Co ₄ Sb ₁₂ . Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 677-681.	1.0	1
126	Multi-Principal-Element Approach to High-Performance Thermoelectric Materials. , 2022, , 491-499.		1

#	ARTICLE	IF	CITATIONS
127	Thermoelectric Study on Polycrystalline $\text{La}_{1-x}\text{Sr}_x\text{RuO}_3$. Materials Research Society Symposia Proceedings, 2005, 886, 1.	0.1	0
128	New Opportunities in Existing Thermoelectric Materials: Grain Boundary Engineering in Pulverized p-Bi ₂ Te ₃ System. Materials Research Society Symposia Proceedings, 2007, 1044, 1.	0.1	0
129	Synthesis and Optical Properties of 1D Bismuth Nanorods. Materials Research Society Symposia Proceedings, 2007, 1044, 1.	0.1	0