

Yinong Yin

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

683
citations

623188

14
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

874
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in oxide thermoelectric materials and modules. <i>Vacuum</i> , 2017, 146, 356-374.	1.6	146
2	Growth and characterization of In^{2+} -Ga ₂ O ₃ thin films by sol-gel method for fast-response solar-blind ultraviolet photodetectors. <i>Journal of Alloys and Compounds</i> , 2018, 766, 601-608.	2.8	88
3	Terbium Ion Doping in Ca ₃ Co ₄ O ₉ : A Step towards High-Performance Thermoelectric Materials. <i>Scientific Reports</i> , 2017, 7, 44621.	1.6	80
4	Effect of thickness on the performance of solar blind photodetectors fabricated using PLD grown In^{2+} -Ga ₂ O ₃ thin films. <i>Journal of Alloys and Compounds</i> , 2020, 822, 153419.	2.8	61
5	Phonon Engineering for Thermoelectric Enhancement of p-Type Bismuth Telluride by a Hot-Pressing Texture Method. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31612-31618.	4.0	41
6	Fermi-surface dynamics and high thermoelectric performance along the out-of-plane direction in n-type SnSe crystals. <i>Energy and Environmental Science</i> , 2020, 13, 616-621.	15.6	32
7	Investigating the thermoelectric performance of n-type SnSe: the synergistic effect of NbCl ₅ doping and dislocation engineering. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13244-13252.	2.7	31
8	Effects of AgBiSe ₂ on thermoelectric properties of SnTe. <i>Chemical Engineering Journal</i> , 2020, 390, 124585.	6.6	24
9	Improved thermoelectric performance in PbSe/AgSbSe ₂ by manipulating the spin-orbit coupling effects. <i>Nano Energy</i> , 2020, 78, 105232.	8.2	22
10	Enhanced thermoelectric performance of p-type sintered BiSbTe-based composites with AgSbTe ₂ addition. <i>Ceramics International</i> , 2021, 47, 725-731.	2.3	22
11	A Review of Strategies for Developing Promising Thermoelectric Materials by Controlling Thermal Conduction. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800904.	0.8	19
12	Enhanced Thermoelectric Properties of p-Type Bi _{0.48} Sb _{1.52} Te ₃ /Sb ₂ Te ₃ Composite. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52922-52928.	4.0	18
13	Thermoelectric response of porous Ca ₃ Co ₄ O ₉ prepared by an eco-friendly technique. <i>Ceramics International</i> , 2017, 43, 9505-9511.	2.3	17
14	Improved Thermoelectric Properties of BiSbTe-AgBiSe ₂ Alloys by Suppressing Bipolar Excitation. <i>ACS Applied Energy Materials</i> , 2021, 4, 2944-2950.	2.5	17
15	Thermoelectric Performance Optimization and Phase Transition of GeTe by Alloying with Orthorhombic CuSbSe ₂ . <i>ACS Applied Energy Materials</i> , 2021, 4, 4242-4247.	2.5	14
16	Understanding the effect of thickness on the thermoelectric properties of Ca ₃ Co ₄ O ₉ thin films. <i>Scientific Reports</i> , 2021, 11, 6324.	1.6	13
17	Spin-glass behavior and magnetocaloric properties of high-entropy perovskite oxides. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	10
18	Single-crystal growth of n-type SnS _{0.95} by the temperature-gradient technique. <i>Vacuum</i> , 2020, 182, 109789.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Understanding the Band Engineering in Mg ₂ Si-Based Systems from Wannier-Orbital Analysis. <i>Annalen Der Physik</i> , 2020, 532, 1900543.	0.9	5
20	Dramatically enhanced Seebeck coefficient in GeMnTe ₂ -NaBiTe ₂ alloys by tuning the Spin's thermodynamic entropy. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17866-17872.	1.3	5
21	Optimized thermoelectric properties of Bi _{0.48} Sb _{1.52} Te ₃ /BN composites. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3172-3177.	2.7	5
22	Anomalous Thermopower and High ZT in GeMnTe ₂ Driven by Spin's Thermodynamic Entropy. <i>Research</i> , 2021, 2021, 1949070.	2.8	4
23	Boosted carrier mobility and enhanced thermoelectric properties of polycrystalline Na _{0.03} Sn _{0.97} Se by liquid-phase hot deformation. <i>Materials Advances</i> , 2020, 1, 1092-1098.	2.6	3
24	Compositional Investigations on the Spin Thermoelectric Effect in Ta _{100-x} Cu _x /Yttrium Iron Garnet Thin Films. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2000464.	1.2	1
25	A Review of Strategies for Developing Promising Thermoelectric Materials by Controlling Thermal Conduction (<i>Phys. Status Solidi A</i> 14 th 2019). <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1970048.	0.8	0