Yinong Yin

List of Publications by Year in descending order

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25 papers	683 citations	623574 14 h-index	610775 24 g-index
25 all docs	25 docs citations	25 times ranked	874 citing authors

#	Article	IF	Citations
1	Optimized thermoelectric properties of Bi_{0.48}Sb_{1.52}Te₃/BN composites. Journal of Materials Chemistry C, 2022, 10, 3172-3177.	2.7	5
2	Spin-glass behavior and magnetocaloric properties of high-entropy perovskite oxides. Applied Physics Letters, 2022, 120, .	1.5	10
3	Compositional Investigations on the Spin Thermoelectric Effect in Ta 100â€“ x Cu x /Yttrium Iron Garnet Thin Films. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2000464.	1.2	1
4	Enhanced thermoelectric performance of p-type sintered BiSbTe-based composites with AgSbTe2 addition. Ceramics International, 2021, 47, 725-731.	2.3	22
5	Improved Thermoelectric Properties of BiSbTe-AgBiSe₂ Alloys by Suppressing Bipolar Excitation. ACS Applied Energy Materials, 2021, 4, 2944-2950.	2.5	17
6	Understanding the effect of thickness on the thermoelectric properties of Ca3Co4O9 thin films. Scientific Reports, 2021, 11, 6324.	1.6	13
7	Anomalous Thermopower and High ZT in GeMnTe ₂ Driven by Spinâ€™s Thermodynamic Entropy. Research, 2021, 2021, 1949070.	2.8	4
8	Thermoelectric Performance Optimization and Phase Transition of GeTe by Alloying with Orthorhombic CuSbSe₂. ACS Applied Energy Materials, 2021, 4, 4242-4247.	2.5	14
9	Dramatically enhanced Seebeck coefficient in GeMnTe2â€“NaBiTe2 alloys by tuning the Spin's thermodynamic entropy. Physical Chemistry Chemical Physics, 2021, 23, 17866-17872.	1.3	5
10	Effect of thickness on the performance of solar blind photodetectors fabricated using PLD grown Î²-Ga2O3 thin films. Journal of Alloys and Compounds, 2020, 822, 153419.	2.8	61
11	Enhanced Thermoelectric Properties of p-Type Bi_{0.48}Sb_{1.52}Te₃/Sb₂Te₃ Composite. ACS Applied Materials & Interfaces, 2020, 12, 52922-52928.	4.0	18
12	Improved thermoelectric performance in PbSeâ€“AgSbSe2 by manipulating the spin-orbit coupling effects. Nano Energy, 2020, 78, 105232.	8.2	22
13	Boosted carrier mobility and enhanced thermoelectric properties of polycrystalline Na_{0.03}Sn_{0.97}Se by liquid-phase hot deformation. Materials Advances, 2020, 1, 1092-1098.	2.6	3
14	Investigating the thermoelectric performance of n-type SnSe: the synergistic effect of NbCl₅ doping and dislocation engineering. Journal of Materials Chemistry C, 2020, 8, 13244-13252.	2.7	31
15	Single-crystal growth of n-type SnS0.95 by the temperature-gradient technique. Vacuum, 2020, 182, 109789.	1.6	5
16	Understanding the Band Engineering in Mg₂Siâ€Based Systems from Wannierâ€Orbital Analysis. Annalen Der Physik, 2020, 532, 1900543.	0.9	5
17	Phonon Engineering for Thermoelectric Enhancement of p-Type Bismuth Telluride by a Hot-Pressing Texture Method. ACS Applied Materials & Interfaces, 2020, 12, 31612-31618.	4.0	41
18	Effects of AgBiSe2 on thermoelectric properties of SnTe. Chemical Engineering Journal, 2020, 390, 124585.	6.6	24

#	Article	IF	Citations
19	Fermi-surface dynamics and high thermoelectric performance along the out-of-plane direction in n-type SnSe crystals. Energy and Environmental Science, 2020, 13, 616-621.	15.6	32
20	A Review of Strategies for Developing Promising Thermoelectric Materials by Controlling Thermal Conduction (Phys. Status Solidi A 14âˆ•2019). Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1970048.	0.8	0
21	A Review of Strategies for Developing Promising Thermoelectric Materials by Controlling Thermal Conduction. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800904.	0.8	19
22	Growth and characterization of Î²-Ga2O3 thin films by sol-gel method for fast-response solar-blind ultraviolet photodetectors. Journal of Alloys and Compounds, 2018, 766, 601-608.	2.8	88
23	Recent advances in oxide thermoelectric materials and modules. Vacuum, 2017, 146, 356-374.	1.6	146
24	Thermoelectric response of porous Ca3Co4O9 prepared by an eco-friendly technique. Ceramics International, 2017, 43, 9505-9511.	2.3	17
25	Terbium Ion Doping in Ca3Co4O9: A Step towards High-Performance Thermoelectric Materials. Scientific Reports, 2017, 7, 44621.	1.6	80