Yinong Yin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4152131/publications.pdf

Version: 2024-02-01

25 papers	683 citations	623734 14 h-index	610901 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. Vacuum, 2017, 146, 356-374.	3.5	146
2	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.	5.5	88
3	Terbium Ion Doping in Ca3Co4O9: A Step towards High-Performance Thermoelectric Materials. Scientific Reports, 2017, 7, 44621.	3.3	80
4	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.	5.5	61
5	Phonon Engineering for Thermoelectric Enhancement of p-Type Bismuth Telluride by a Hot-Pressing Texture Method. ACS Applied Materials & Interfaces, 2020, 12, 31612-31618.	8.0	41
6	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.	30.8	32
7	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.	5.5	31
8	Effects of AgBiSe2 on thermoelectric properties of SnTe. Chemical Engineering Journal, 2020, 390, 124585.	12.7	24
9	Improved thermoelectric performance in PbSeâ€“AgSbSe2 by manipulating the spin-orbit coupling effects. Nano Energy, 2020, 78, 105232.	16.0	22
10	Enhanced thermoelectric performance of p-type sintered BiSbTe-based composites with AgSbTe2 addition. Ceramics International, 2021, 47, 725-731.	4.8	22
11	A Review of Strategies for Developing Promising Thermoelectric Materials by Controlling Thermal Conduction. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800904.	1.8	19
12	Enhanced Thermoelectric Properties of p-Type Bi_{0.48}Sb_{1.52}Te₃/Sb₂Te₃ Composite. ACS Applied Materials & Interfaces, 2020, 12, 52922-52928.	8.0	18
13	Thermoelectric response of porous Ca3Co4O9 prepared by an eco-friendly technique. Ceramics International, 2017, 43, 9505-9511.	4.8	17
14	Improved Thermoelectric Properties of BiSbTe-AgBiSe₂ Alloys by Suppressing Bipolar Excitation. ACS Applied Energy Materials, 2021, 4, 2944-2950.	5.1	17
15	Thermoelectric Performance Optimization and Phase Transition of GeTe by Alloying with Orthorhombic CuSbSe₂. ACS Applied Energy Materials, 2021, 4, 4242-4247.	5.1	14
16	Understanding the effect of thickness on the thermoelectric properties of Ca3Co4O9 thin films. Scientific Reports, 2021, 11, 6324.	3.3	13
17	Spin-glass behavior and magnetocaloric properties of high-entropy perovskite oxides. Applied Physics Letters, 2022, 120, .	3.3	10
18	Single-crystal growth of n-type SnS0.95 by the temperature-gradient technique. Vacuum, 2020, 182, 109789.	3.5	5

#	ARTICLE	IF	CITATIONS
19	Understanding the Band Engineering in Mg₂Siâ€Based Systems from Wannierâ€Orbital Analysis. Annalen Der Physik, 2020, 532, 1900543.	2.4	5
20	Dramatically enhanced Seebeck coefficient in GeMnTe2â€“NaBiTe2 alloys by tuning the Spin's thermodynamic entropy. Physical Chemistry Chemical Physics, 2021, 23, 17866-17872.	2.8	5
21	Optimized thermoelectric properties of Bi_{0.48}Sb_{1.52}Te₃/BN composites. Journal of Materials Chemistry C, 2022, 10, 3172-3177.	5.5	5
22	Anomalous Thermopower and High ZT in GeMnTe ₂ Driven by Spinâ€™s Thermodynamic Entropy. Research, 2021, 2021, 1949070.	5.7	4
23	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.	5.4	3
24	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.	2.4	1
25	A Review of Strategies for Developing Promising Thermoelectric Materials by Controlling Thermal Conduction (Phys. Status Solidi A 14â•2019). Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1970048.	1.8	0