Beibei Zhu

List of Publications by Year
in descending order

12 papers	163 citations	1307594 7 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	272 citing authors

#	Article	IF	Citations
1	Designing hybrid architectures for advanced thermoelectric materials. Materials Chemistry Frontiers, 2017, 1, 2457-2473.	5.9	34
2	Multiple doped ZnO with enhanced thermoelectric properties. Journal of the European Ceramic Society, 2021, 41, 4182-4188.	5.7	26
3	The improvement of thermoelectric property of bulk ZnO via ZnS addition: Influence of intrinsic defects. Ceramics International, 2018, 44, 6461-6465.	4.8	20
4	Enhancement of Thermoelectric Performance in CuSbSe₂ Nanoplateâ€Based Pellets by Texture Engineering and Carrier Concentration Optimization. Small, 2018, 14, e1803092.	10.0	17
5	Thermoelectric effect and devices on <scp>IVA</scp> and <scp>VA</scp> Xenes. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 271-292.	17.3	17
6	Anisotropic thermoelectric effect and field-effect devices in epitaxial bismuthene on Si (111). Nanotechnology, 2020, 31, 475202.	2.6	17
7	Effects of the thickness and laser irradiation on the electrical properties of e-beam evaporated 2D bismuth. Nanoscale, 2021, 13, 2648-2657.	5.6	13
8	Morphology Optimization of Bi₂Se₃ Thin Films for Enhanced Thermoelectric Performance. Crystal Growth and Design, 2021, 21, 6737-6743.	3.0	8
9	Enhancement of the thermoelectric performance of CuInTe2 via SnO2 in situ replacement. Journal of Materials Science: Materials in Electronics, 2018, 29, 4732-4737.	2.2	4
10	Multi-Interface-Induced Thermal Conductivity Reduction and Thermoelectric Performance Improvement in a Cuâ€“Ni Alloy. ACS Applied Energy Materials, 0, , .	5.1	3
11	Improved densification and thermoelectric performance of In5SnSbO12 via Ga doping. Journal of Materials Science, 2018, 53, 6741-6751.	3.7	2
12	Thermoelectric Performance: Enhancement of Thermoelectric Performance in CuSbSe 2 Nanoplateâ€Based Pellets by Texture Engineering and Carrier Concentration Optimization (Small) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	10.0	1