

# Beibei Zhu

## List of Publications by Year in descending order

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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	Effects of the thickness and laser irradiation on the electrical properties of e-beam evaporated 2D bismuth. <i>Nanoscale</i> , 2021, 13, 2648-2657.	5.6	13
2	Thermoelectric effect and devices on $\text{IVA}$ and $\text{VA}$ Xenes. <i>Informa-Materialy</i> , 2021, 3, 271-292.	17.3	17
3	Multiple doped ZnO with enhanced thermoelectric properties. <i>Journal of the European Ceramic Society</i> , 2021, 41, 4182-4188.	5.7	26
4	Morphology Optimization of $\text{Bi}_2\text{Se}_3$ Thin Films for Enhanced Thermoelectric Performance. <i>Crystal Growth and Design</i> , 2021, 21, 6737-6743.	3.0	8
5	Anisotropic thermoelectric effect and field-effect devices in epitaxial bismuthene on Si (111). <i>Nanotechnology</i> , 2020, 31, 475202.	2.6	17
6	Improved densification and thermoelectric performance of $\text{In}_5\text{SnSbO}_{12}$ via Ga doping. <i>Journal of Materials Science</i> , 2018, 53, 6741-6751.	3.7	2
7	Enhancement of the thermoelectric performance of $\text{CuInTe}_2$ via $\text{SnO}_2$ in situ replacement. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4732-4737.	2.2	4
8	The improvement of thermoelectric property of bulk ZnO via ZnS addition: Influence of intrinsic defects. <i>Ceramics International</i> , 2018, 44, 6461-6465.	4.8	20
9	Thermoelectric Performance: Enhancement of Thermoelectric Performance in $\text{CuSbSe}_2$ Nanoplate-Based Pellets by Texture Engineering and Carrier Concentration Optimization (Small) Tj ETQq1 1 0.784314 rgBT2/Overlo	10.0	17
10	Enhancement of Thermoelectric Performance in $\text{CuSbSe}_2$ Nanoplate-Based Pellets by Texture Engineering and Carrier Concentration Optimization. <i>Small</i> , 2018, 14, e1803092.	10.0	17
11	Designing hybrid architectures for advanced thermoelectric materials. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2457-2473.	5.9	34
12	Multi-Interface-Induced Thermal Conductivity Reduction and Thermoelectric Performance Improvement in a $\text{Cu-Ni}$ Alloy. <i>ACS Applied Energy Materials</i> , 0, , .	5.1	3