

A high thermoelectric figure of merit $ZT > 1$ in Ba he

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Citation Report

#	ARTICLE	IF	CITATIONS
1	High thermoelectric performance in n-type BiAgSeS due to intrinsically low thermal conductivity. Energy and Environmental Science, 2013, 6, 1750.	15.6	68
2	Evidence of an interlayer charge transfer route in BiCu _{1-x} SeO. Journal of Materials Chemistry A, 2013, 1, 12154.	5.2	27
3	Enhanced thermoelectric performance of a BiCuSeO system via band gap tuning. Chemical Communications, 2013, 49, 8075.	2.2	111
4	High thermoelectric performance of oxyselenides: intrinsically low thermal conductivity of Ca-doped BiCuSeO. NPG Asia Materials, 2013, 5, e47-e47.	3.8	349
5	Hot-injection synthesis and characterization of monodispersed ternary Cu ₂ SnSe ₃ nanocrystals for thermoelectric applications. Journal of Alloys and Compounds, 2013, 581, 646-652.	2.8	42
6	OXYCHALCOGENIDES AS NEW EFFICIENT p-TYPE THERMOELECTRIC MATERIALS. Functional Materials Letters, 2013, 06, 1340007.	0.7	7
7	Thermoelectric properties of Mg doped p-type BiCuSeO oxyselenides. Journal of Alloys and Compounds, 2013, 551, 649-653.	2.8	146
8	Direct synthesis of BiCuChO-type oxychalcogenides by mechanical alloying. Journal of Solid State Chemistry, 2013, 203, 187-191.	1.4	28
9	Density of state effective mass and related charge transport properties in K-doped BiCuOSe. Applied Physics Letters, 2013, 103, .	1.5	69
10	Thermoelectric Properties of <sc><sc>Pb</sc></sc>-Doped <sc><sc>BiCuSeO</sc></sc> Ceramics. Journal of the American Ceramic Society, 2013, 96, 2710-2713.	1.9	50
11	Enhanced thermoelectric performance of Nb-doped SrTiO ₃ by nano-inclusion with low thermal conductivity. Scientific Reports, 2013, 3, 3449.	1.6	138
12	Texturation boosts the thermoelectric performance of BiCuSeO oxyselenides. Energy and Environmental Science, 2013, 6, 2916.	15.6	326
13	Electrical and thermal transport properties of AgIn ₅ Te ₈ . Journal of Alloys and Compounds, 2013, 566, 50-53.	2.8	11
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15	Influence of Te substitution on the structural and electronic properties of thermoelectric BiCuSeO. Journal of Materials Chemistry A, 2013, 1, 2921.	5.2	48
16	Synthesis, structural characterisation and thermoelectric properties of Bi _{1-x} PbxOCuSe. Journal of Materials Chemistry A, 2013, 1, 12270.	5.2	47
17	Synthesis, Crystal Structure, and High Temperature Transport Properties of p-Type Cu ₂ Zn _{1-x} Fe _x SnSe ₄ . Inorganic Chemistry, 2013, 52, 14364-14367.	1.9	33
18	Electronic structures and thermoelectric properties of layered BiCuOCh oxychalcogenides (Ch = S,)	5.2	128

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20	Rapid synthesis of high-performance thermoelectric materials directly from natural mineral tetrahedrite. MRS Communications, 2013, 3, 129-133.	0.8	56
21	Enhanced asymmetrical transport of carriers induced by local structural distortion in chemically tuned titania: A possible mechanism for enhancing thermoelectric properties. Physical Review B, 2013, 88, .	1.1	11
22	Influence of Pb doping on the electrical transport properties of BiCuSeO. Applied Physics Letters, 2013, 102, .	1.5	93
23	Enhanced Thermoelectric Properties of Pb-doped BiCuSeO Ceramics. Advanced Materials, 2013, 25, 5086-5090.	11.1	228
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38	Enhanced low temperature thermoelectric performance of Ag-doped BiCuSeO. Applied Physics Letters, 2014, 105, .	1.5	34
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