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Preparation and thermoelectric properties of high-performance Sb doped  $\text{Yb}_{0.2}\text{Co}_4\text{Sb}_{12+y}$  bulk materials with nanostructure

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#	Paper	IF	Citations
130	Significant Enhancement in Thermoelectric Power Factor of Bulk Nanostructured Calcium Cobalt Oxide Ceramics.		
129	Rapid preparation method of bulk nanostructured $\text{Yb}_{0.3}\text{Co}_4\text{Sb}_{12+y}$ compounds and their improved thermoelectric performance. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 252109	3.4	116
128	Effects of solvents and Sb sources on the morphologies of $\text{LaFe}_3\text{CoSb}_{12}$ nanopowders made by the hydro/solvo thermal method. <b>2009</b> , 24, 2873-2879		8
127	Nanostructured bulk $\text{Yb}_x\text{Co}_4\text{Sb}_{12}$ with high thermoelectric performance prepared by the rapid solidification method. <b>2009</b> , 42, 145409		52
126	Nanostructuring and thermoelectric properties of bulk N-type $\text{Mg}_2\text{Si}$ . <b>2009</b> , 24, 912-916		6
125	Microstructure and Thermoelectric Properties of Yb-Filled Skutterudites Prepared by Rapid Solidification. <b>2009</b> , 38, 1224-1228		14
124	Effect of Cyclic Thermal Loading on the Microstructure and Thermoelectric Properties of $\text{CoSb}_3$ . <b>2009</b> , 38, 1200-1205		11
123	Unique nanostructures and enhanced thermoelectric performance of melt-spun $\text{BiSbTe}$ alloys. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 102111	3.4	461
122	Solubility study of Yb in n-type skutterudites $\text{Yb}_x\text{Co}_4\text{Sb}_{12}$ and their enhanced thermoelectric properties. <b>2009</b> , 80,		92
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117	A comparison study on the electronic structure of the thermoelectric materials $\text{CoSb}_3$ and $\text{LaFe}_3\text{CoSb}_{12}$ . <b>2010</b> , 405, 1740-1744		17
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115	Thermoelectric performance of mischmetal skutterudites $\text{MmyFe}_4\text{Co}_x\text{Sb}_{12}$ at elevated temperatures. <b>2010</b> , 490, 19-25		45
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109	Enhanced thermoelectric performance in In <sub>1-x</sub> GaxSb originating from the scattering of point defects and nanoinclusion. <b>2011</b> , 21, 12398		32
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90	Microstructure and thermoelectric properties of CoSb <sub>2.75</sub> Ge <sub>0.25</sub> Tex prepared by rapid solidification. <b>2012</b> , 60, 3536-3544		55
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