Accepted Manuscript

Enhancing thermoelectric performance of SnTe *via* stepwisely optimizing electrical and thermal transport properties

Dongyang Wang, Xiao Zhang, Yong Yu, Lin Xie, Jinfeng Wang, Guangtao Wang, Jiaqing He, Yuling Zhou, Qiantao Pang, Jianwei Shao, Li-Dong Zhao

PII: S0925-8388(18)33474-1

DOI: 10.1016/j.jallcom.2018.09.234

Reference: JALCOM 47653

To appear in: Journal of Alloys and Compounds

Received Date: 24 July 2018

Revised Date: 15 September 2018

Accepted Date: 18 September 2018

Please cite this article as: D. Wang, X. Zhang, Y. Yu, L. Xie, J. Wang, G. Wang, J. He, Y. Zhou, Q. Pang, J. Shao, L.-D. Zhao, Enhancing thermoelectric performance of SnTe *via* stepwisely optimizing electrical and thermal transport properties, *Journal of Alloys and Compounds* (2018), doi: https://doi.org/10.1016/j.jallcom.2018.09.234.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Enhancing thermoelectric performance of SnTe *via* stepwisely optimizing electrical and thermal transport properties

Dongyang Wang,^{a†} Xiao Zhang,^{a†} Yong Yu^b, Lin Xie^b, Jinfeng Wang^c, Guangtao Wang^c, Jiaqing He^b, Yuling Zhou^d, Qiantao Pang^e, Jianwei Shao^f, Li-Dong Zhao^{a,*}

^aSchool of Materials Science and Engineering, Beihang University, Beijing 100191, China

^bDepartment of Physics, Southern University of Science and Technology, Shenzhen 518055, China

^cCollege of Physics and Materials Science, Henan Normal University, Xinxiang, 453007, China

^dAVIC SAC Commercial Aircraft Co. Ltd., Shenyang 110034, China ^eLiaoning Tieling Sales Branch, Petro China Co. Ltd., Tieling 112000, China ^fShenyang Liming Areo-Engine Co. Ltd., Shenyang 110043, China

[†]Dongyang Wang and Xiao Zhang contributed equally to this work. Corresponding author: zhaolidong@buaa.edu.cn Download English Version:

https://daneshyari.com/en/article/11020019

Download Persian Version:

https://daneshyari.com/article/11020019

Daneshyari.com