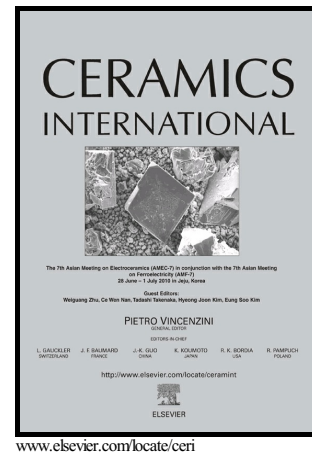


Author's Accepted Manuscript

Enhanced thermoelectric properties in Ge-doped and single-filled skutterudites prepared by unique melt-spinning method

Nusrat Shaheen, Muhammad Sufyan Javed, Hidayat Ullah Shah, Shahid Hussain, Muhammad Ashfaq Ahmad, Rizwan Raza, Muhammad Saleem, Xiaoyuan Zhou



PII: S0272-8842(18)30934-9
DOI: <https://doi.org/10.1016/j.ceramint.2018.04.058>
Reference: CER117975

To appear in: *Ceramics International*

Received date: 14 March 2018
Revised date: 4 April 2018
Accepted date: 8 April 2018

Cite this article as: Nusrat Shaheen, Muhammad Sufyan Javed, Hidayat Ullah Shah, Shahid Hussain, Muhammad Ashfaq Ahmad, Rizwan Raza, Muhammad Saleem and Xiaoyuan Zhou, Enhanced thermoelectric properties in Ge-doped and single-filled skutterudites prepared by unique melt-spinning method, *Ceramics International*, <https://doi.org/10.1016/j.ceramint.2018.04.058>

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 galley proof before it is published in its final citable 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.

**Enhanced thermoelectric properties in Ge-doped and single-filled skutterudites
prepared by unique melt-spinning method**

Nusrat Shaheen ^{a,b}, Muhammad Sufyan Javed ^{c, b*}, Hidayat Ullah Shah ^d, Shahid Hussain ^e,
Muhammad Ashfaq Ahmad ^b, Rizwan Raza ^b, Muhammad Saleem ^f, Xiaoyuan Zhou ^{a**}

^aCollege of Physics, Chongqing University, Chongqing 400044, P. R. China

^bDepartment of Physics, COMSATS Institute of Information Technology Lahore 54000, Pakistan

^cSiyuan Laboratory, Guangzhou Key Laboratory of Vacuum Coating Technologies and New Energy Materials, Guangdong Provincial Engineering Technology Research Center of Vacuum Coating Technologies and New Energy Materials, Department of Physics, Jinan University, Guangzhou 510632, People's Republic of China.

^dDepartment of Physics, School of Mathematics and Physics, University of Science and Technology Beijing, Beijing 100083, P. R. China.

^eSchool of Materials Science and Engineering, Jiangsu University, Zhenjiang 212013, China.

^fDepartment of Physics, Khwaja Freed University of Engineering and Information Technology, Rahim Yar-Khan 64200, Pakistan

sufyanjaved@jnu.edu.cn

xiaoyuan2013@cqu.edu.cn

**Corresponding authors.*

Download English Version:

<https://daneshyari.com/en/article/7887166>

Download Persian Version:

<https://daneshyari.com/article/7887166>

[Daneshyari.com](https://daneshyari.com)