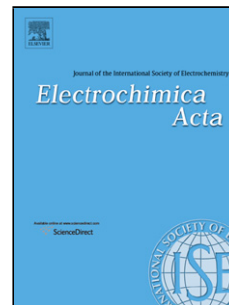


## Accepted Manuscript

Title: Structure-Performance Relationships of Hole-Transporting Materials in Perovskite Solar Cells: Minor Structural Discrepancy Effects on the Efficiency

Authors: Junsheng Luo, Fei Han, Zhongquan Wan, Haseeb Ashraf Malik, Bowen Zhao, Lingling Chen, Chunyang Jia, Xuhui Zhu, Ruilin Wang, Xiaojun Yao



PII: S0013-4686(17)32207-7  
DOI: <https://doi.org/10.1016/j.electacta.2017.10.085>  
Reference: EA 30471

To appear in: *Electrochimica Acta*

Received date: 31-5-2017  
Revised date: 19-9-2017  
Accepted date: 13-10-2017

Please cite this article as: Junsheng Luo, Fei Han, Zhongquan Wan, Haseeb Ashraf Malik, Bowen Zhao, Lingling Chen, Chunyang Jia, Xuhui Zhu, Ruilin Wang, Xiaojun Yao, Structure-Performance Relationships of Hole-Transporting Materials in Perovskite Solar Cells: Minor Structural Discrepancy Effects on the Efficiency, *Electrochimica Acta* <https://doi.org/10.1016/j.electacta.2017.10.085>

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.

# Structure-Performance Relationships of Hole-Transporting Materials in Perovskite Solar Cells: Minor Structural Discrepancy Effects on the Efficiency

Junsheng Luo <sup>a</sup>, Fei Han <sup>a</sup>, Zhongquan Wan <sup>a</sup>, Haseeb Ashraf Malik <sup>a</sup>, Bowen Zhao <sup>a</sup>, Lingling Chen <sup>b</sup>, Chunyang Jia <sup>a, \*</sup>, Xuhui Zhu <sup>b</sup>, Ruilin Wang <sup>c</sup>, Xiaojun Yao <sup>d</sup>

<sup>a</sup>*State Key Laboratory of Electronic Thin Films and Integrated Devices, School of Microelectronics and Solid-State Electronics, University of Electronic Science and Technology of China, Chengdu 610054, P. R. China.*

<sup>b</sup>*State Key Laboratory of Luminescent Materials and Devices, Institute of Polymer Optoelectronic Materials and Devices, South China University of Technology, Guangzhou 510640, P. R. China.*

<sup>c</sup>*College of Materials Science and Engineering, Sichuan University, Chengdu 610065, P. R. China.*

<sup>d</sup>*State Key Laboratory of Applied Organic Chemistry, School of Chemistry and Chemical Engineering, Lanzhou University, Lanzhou 730000, P. R. China.*

Corresponding Author Email: cyjia@uestc.edu.cn (C. Y. Jia)

Download English Version:

<https://daneshyari.com/en/article/6605363>

Download Persian Version:

<https://daneshyari.com/article/6605363>

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