

Author's Accepted Manuscript

High Efficiency Organic Solar Cells Based on Amorphous Electron-Donating Polymer and Modified Fullerene Acceptor

Biao Xiao, Minli Zhang, Jun Yan, Guoping Luo, Ke Gao, Jiyan Liu, Qingliang You, Hong-Bo Wang, Chao Gao, Baofeng Zhao, Xuebo Zhao, Hongbin Wu, Feng Liu



PII: S2211-2855(17)30435-4
DOI: <http://dx.doi.org/10.1016/j.nanoen.2017.07.034>
Reference: NANOEN2092

To appear in: *Nano Energy*

Received date: 19 May 2017
Revised date: 5 July 2017
Accepted date: 13 July 2017

Cite this article as: Biao Xiao, Minli Zhang, Jun Yan, Guoping Luo, Ke Gao Jiyan Liu, Qingliang You, Hong-Bo Wang, Chao Gao, Baofeng Zhao, Xuebo Zhao, Hongbin Wu and Feng Liu, High Efficiency Organic Solar Cells Based on Amorphous Electron-Donating Polymer and Modified Fullerene Acceptor, *Nano Energy*, <http://dx.doi.org/10.1016/j.nanoen.2017.07.034>

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

High Efficiency Organic Solar Cells Based on Amorphous Electron-Donating Polymer and Modified Fullerene Acceptor

Biao Xiao^{a,b}, Minli Zhang^b, Jun Yan^c, Guoping Luo^e, Ke Gao^e, Jiyan Liu^b, Qingliang You^b, Hong-Bo Wang^{b*}, Chao Gao^c, Baofeng Zhao^{c*}, Xuebo, Zhao^{a*}, Hongbin Wu^e and Feng Liu^{d*}

^aInstitute of Unconventional Petroleum and Renewable Energy, China University of Petroleum (East China), Qingdao, Shandong 266580, China

^bKey Laboratory of Optoelectronic Chemical Materials and Devices, Ministry of Education, School of Chemical and Environmental Engineering, Jiangnan University, Wuhan, 430056, P. R. China

^cState Key Laboratory of Fluorine & Nitrogen Chemicals, Xi'an Modern Chemistry Research Institute, Xi'an 710065, P. R. China

^dDepartment of Physics and Astronomy, and Collaborative Innovation Center of IFSA (CICIFSA), Shanghai Jiaotong University, Shanghai 200240, P. R. China

Institute of Polymer Optoelectronic Materials and Devices, State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

zhaoxuebo@upc.edu.cn

hongbo.wang@jhun.edu.cn

bfzhao87@163.com

Download English Version:

<https://daneshyari.com/en/article/5452385>

Download Persian Version:

<https://daneshyari.com/article/5452385>

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