

Accepted Manuscript

Tailoring the benzotriazole (BTZ) auxiliary acceptor in a D-A'- π -A type sensitizer for high performance dye-sensitized solar cells (DSSCs)

Futai Lu, Guang Yang, Qinqin Xu, Jie Zhang, Bao Zhang, Yaqing Feng



PII: S0143-7208(18)31038-6

DOI: [10.1016/j.dyepig.2018.05.044](https://doi.org/10.1016/j.dyepig.2018.05.044)

Reference: DYPI 6773

To appear in: *Dyes and Pigments*

Received Date: 7 May 2018

Revised Date: 22 May 2018

Accepted Date: 22 May 2018

Please cite this article as: Lu F, Yang G, Xu Q, Zhang J, Zhang B, Feng Y, Tailoring the benzotriazole (BTZ) auxiliary acceptor in a D-A'- π -A type sensitizer for high performance dye-sensitized solar cells (DSSCs), *Dyes and Pigments* (2018), doi: 10.1016/j.dyepig.2018.05.044.

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.

Tailoring the benzotriazole (BTZ) auxiliary acceptor in a D-A'- π -A
type sensitizer for high performance dye-sensitized solar cells
(DSSCs)

Futai Lu^{a,b,1,†}, Guang Yang^{a,b,2,†}, Qinqin Xu^{a,b,3}, Jie Zhang^{a,b,4}, Bao Zhang^{a,c,5,*} and Yaqing
Feng^{a,b,c,6,*}

^a School of Chemical Engineering and Technology, Tianjin University

Tianjin 300350, P. R. China

Tel.: +86-022-27892323. Fax: +86-022-27892323

^b Tianjin Co-Innovation Center of Chemical Science and Engineering, Tianjin University,
Tianjin 300072, China

^c Tianjin Engineering Research Center of Functional Fine Chemicals

¹lufutaitiger@126.com, ²gyang@tju.edu.cn, ³18222741907@163.com, ⁴zhjie@tju.edu.cn,

⁵baozhang@tju.edu.cn*, ⁶yqfeng@tju.edu.cn

† These two authors contributed equally to this work.

* Corresponding authors: baozhang@tju.edu.cn

Download English Version:

<https://daneshyari.com/en/article/6598044>

Download Persian Version:

<https://daneshyari.com/article/6598044>

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