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Correction: Dye-sensitized solar cells based on organic dyes with naphtho[2,1-*b*:3,4-*b'*]-dithiophene as the conjugated linker

Xiaoxu Wang,^a Lei Guo,^b Ping Fang Xia,^b Fan Zheng,^a Man Shing Wong^{*b} and Zhengtao Zhu^{*ac}Correction for 'Dye-sensitized solar cells based on organic dyes with naphtho[2,1-*b*:3,4-*b'*]dithiophene as the conjugated linker' by Xiaoxu Wang *et al.*, *J. Mater. Chem. A*, 2013, 1, 13328–13336.

This paper is not the first time the naphtho[2,1-*b*:3,4-*b'*]dithiophene is used as the π -spacer for metal-free organic dyes in dye-sensitized solar cells (DSSCs), therefore, the words "for the first time" in the abstract of this paper should be deleted. Prior to this paper, organic sensitizers based on naphtho[2,1-*b*:3,4-*b'*]dithiophene were reported in "Embedding an electron donor or acceptor into naphtho[2,1-*b*:3,4-*b'*]dithiophene based organic sensitizers for dye-sensitized solar cells".¹ In ref. 1, naphtho[2,1-*b*:3,4-*b'*]dithiophene was used as the π -spacer, methoxy triphenylamine was used as the electron donating group, and cyanoacrylic acid was used as the electron-withdrawing anchoring moiety. Additionally, an auxiliary electron-donating group, such as 3,4-ethylenedioxythiophene (EDOT), or an electron-withdrawing group, such as benzothiadiazole was incorporated in the sensitizers reported in ref. 1. DSSCs based on the sensitizers in ref. 1 displayed high efficiency and excellent stability. Our paper reported syntheses of a series of organic dyes using naphtho[2,1-*b*:3,4-*b'*]dithiophene as the π -conjugation linker, with carbazole or triarylamine as the electron donor group and cyanoacrylic acid as the electron-withdrawing anchoring moiety. Dyes with two naphtho[2,1-*b*:3,4-*b'*]dithiophene groups as the extended π -spacer were also reported in our paper.

References

1 Q. Feng, X. Jia, G. Zhou and Z.-S. Wang, *Chem. Commun.*, 2013, **49**, 7445–7447.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

^aNanoscience and Nanoengineering PhD Program, South Dakota School of Mines and Technology, Rapid City, South Dakota, 57701, USA. E-mail: zhengtao.zhu@sdsmt.edu^bInstitute of Molecular Functional Materials[‡], Department of Chemistry and Institute of Advanced Materials, Hong Kong Baptist University, Kowloon Tong, Hong Kong SAR, China. E-mail: mswong@hkbu.edu.hk^cDepartment of Chemistry and Applied Biological Sciences, South Dakota School of Mines and Technology, Rapid City, South Dakota, 57701, USA[‡] Areas of Excellence Scheme (AoE/P-03/08), University Grants Committee, Hong Kong.