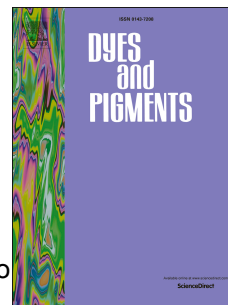


Accepted Manuscript

Synthesis and properties of organic sensitizers bearing asymmetric double donor - π -acceptor chains for dye-sensitized solar cells

Huaxin Wei, Jinghua Shen, Yajing Liu, Tian Huang, Qiang Zhang, Jie Zhao, Xin Zhao



PII: S0143-7208(17)31660-1

DOI: [10.1016/j.dyepig.2017.11.042](https://doi.org/10.1016/j.dyepig.2017.11.042)

Reference: DYPI 6388

To appear in: *Dyes and Pigments*

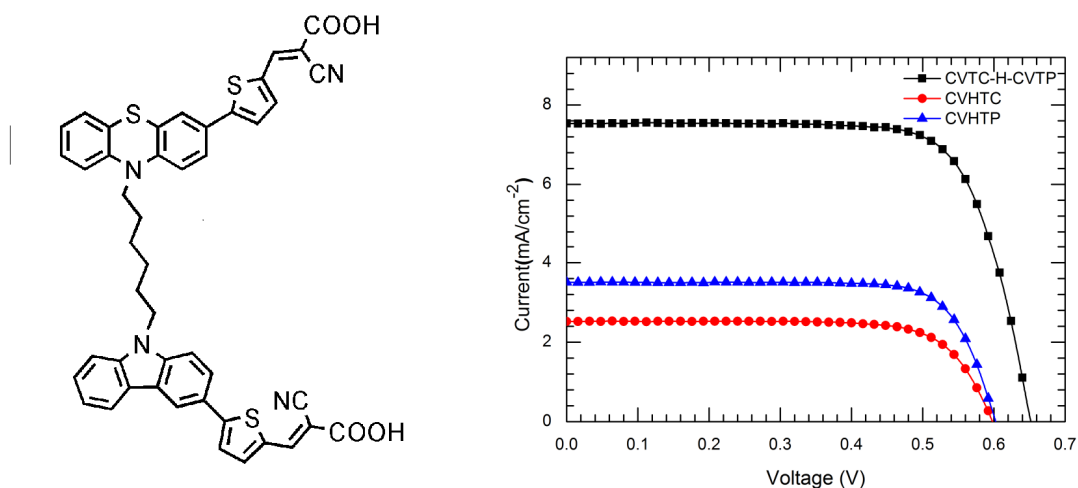
Received Date: 16 August 2017

Revised Date: 18 November 2017

Accepted Date: 19 November 2017

Please cite this article as: Wei H, Shen J, Liu Y, Huang T, Zhang Q, Zhao J, Zhao X, Synthesis and properties of organic sensitizers bearing asymmetric double donor - π - acceptor chains for dye-sensitized solar cells, *Dyes and Pigments* (2017), doi: 10.1016/j.dyepig.2017.11.042.

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.



A novel efficient metal-free sensitizer CVTC-H-CVTP containing asymmetric double D- π -A chains was designed and synthesized for application in dye-sensitized solar cells (DSSCs).

Download English Version:

<https://daneshyari.com/en/article/6599633>

Download Persian Version:

<https://daneshyari.com/article/6599633>

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