

Author's Accepted Manuscript

External electric field-dependent photoinduced electron transfer of porphyrin-oligothiophene-fullerene triads

Pengyu Li, Peng Song, Qiao Zhou, Can Du, Yong Ding, Lixin Xia



PII: S0022-2313(16)30077-1
DOI: <http://dx.doi.org/10.1016/j.jlumin.2016.05.003>
Reference: LUMIN13974

To appear in: *Journal of Luminescence*

Received date: 19 January 2016
Accepted date: 2 May 2016

Cite this article as: Pengyu Li, Peng Song, Qiao Zhou, Can Du, Yong Ding and Lixin Xia, External electric field-dependent photoinduced electron transfer of porphyrin-oligothiophene-fullerene triads, *Journal of Luminescence* <http://dx.doi.org/10.1016/j.jlumin.2016.05.003>

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.

**External electric field-dependent photoinduced electron transfer
of porphyrin-oligothiophene-fullerene triads**

Pengyu Li^a, Peng Song^{*,a,c,d}, Qiao Zhou^a, Can Du^a, Yong Ding^{a,c} and Lixin Xia^{b,*}

^a *Department of Physics, Liaoning University, Shenyang, China.*

^b *Department of Chemistry, Liaoning University, Shenyang, China.*

^c *Liaoning Key Laboratory of Semiconductor Light Emitting and Photocatalytic Materials, Liaoning University, Shenyang 110036, P. R. China*

^d *State Key Laboratory of Molecular Reaction Dynamics, Dalian, China. Institution of Chemical Physics, Chinese Academy of Sciences, Dalian, China*

* Corresponding authors. Tel.: +86 24 62202258; fax: +86 24 62202304.

E-mail: songpeng@lnu.edu.cn (P. Song).

E-mail: lixinxia@lnu.edu.cn (L.X. Xia).

Download English Version:

<https://daneshyari.com/en/article/5398592>

Download Persian Version:

<https://daneshyari.com/article/5398592>

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