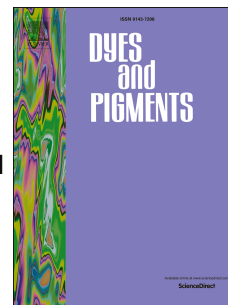


Accepted Manuscript

Reduced graphene oxide covalently functionalized with polyaniline for efficient optical nonlinearities at 532 and 1064 nm

Aijian Wang, Laixiang Cheng, Xiaodong Chen, Wei Zhao, Cheng Li, Weihua Zhu, Danhong Shang



PII: S0143-7208(18)31422-0

DOI: [10.1016/j.dyepig.2018.08.037](https://doi.org/10.1016/j.dyepig.2018.08.037)

Reference: DYPI 6951

To appear in: *Dyes and Pigments*

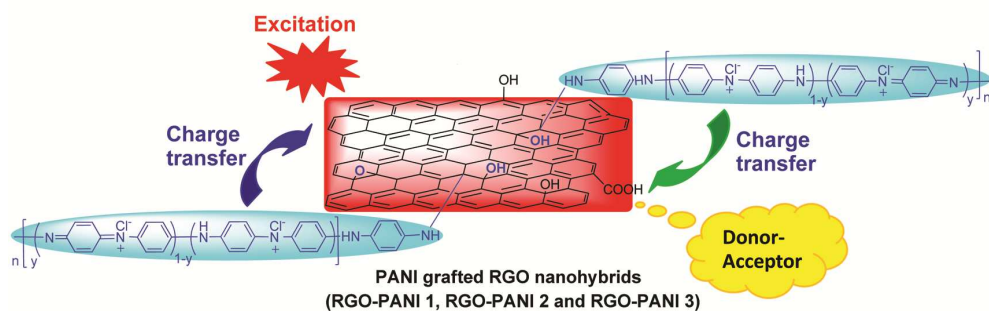
Received Date: 28 June 2018

Revised Date: 13 August 2018

Accepted Date: 20 August 2018

Please cite this article as: Wang A, Cheng L, Chen X, Zhao W, Li C, Zhu W, Shang D, Reduced graphene oxide covalently functionalized with polyaniline for efficient optical nonlinearities at 532 and 1064 nm *Dyes and Pigments* (2018), doi: 10.1016/j.dyepig.2018.08.037.

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.



Due to the efficient charge transfer effect, significant improvement in optical nonlinearities is achieved by covalent grafting of polyaniline onto the surface of reduced graphene oxide.

Download English Version:

<https://daneshyari.com/en/article/11000436>

Download Persian Version:

<https://daneshyari.com/article/11000436>

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