

Accepted Manuscript

Noncovalent binding of xanthene and phthalocyanine dyes with graphene sheets: the effect of the molecular structure revealed by a photophysical study

Xian-Fu Zhang, Su-Ping Liu, Xiao-Na Shao

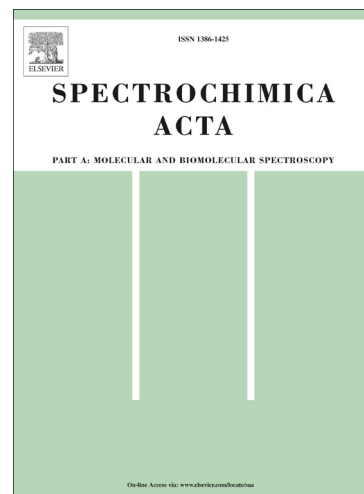
PII: S1386-1425(13)00402-2
DOI: <http://dx.doi.org/10.1016/j.saa.2013.04.066>
Reference: SAA 10457

To appear in: *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*

Received Date: 15 December 2012
Revised Date: 1 March 2013
Accepted Date: 14 April 2013

Please cite this article as: X-F. Zhang, S-P. Liu, X-N. Shao, Noncovalent binding of xanthene and phthalocyanine dyes with graphene sheets: the effect of the molecular structure revealed by a photophysical study, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* (2013), doi: <http://dx.doi.org/10.1016/j.saa.2013.04.066>

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.



**Noncovalent binding of xanthene and phthalocyanine dyes
with graphene sheets: the effect of the molecular structure
revealed by a photophysical study**

Xian-Fu Zhang^{a,b,*}, Su-Ping Liu^a and Xiao-Na Shao^a

^a *Chemistry Department, Hebei Normal University of Science and Technology,
Qinhuangdao, Hebei Province, China 066004.*

^b *MPC Technologies, Hamilton, ON, Canada L8S 3H4.*

* To whom correspondence should be addressed

E-mail: zhangxianfu@tsinghua.org.cn. Fax: 86 3352039067. Tel: 86 3352039067

Download English Version:

<https://daneshyari.com/en/article/7673418>

Download Persian Version:

<https://daneshyari.com/article/7673418>

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