

Accepted Manuscript

Title: A novel “on-off-on” fluorescent sensor for 6-thioguanine and Hg^{2+} based on g- C_3N_4 nanosheets

Authors: Junling Duan, Yuanhong Zhang, Yanbin Yin, Houshen Li, Jun Wang, Lusheng Zhu

PII: S0925-4005(17)31971-8
DOI: <https://doi.org/10.1016/j.snb.2017.10.071>
Reference: SNB 23375

To appear in: *Sensors and Actuators B*

Received date: 8-5-2017
Revised date: 12-10-2017
Accepted date: 13-10-2017

Please cite this article as: { <https://doi.org/>

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 “on-off-on” fluorescent sensor for 6-Thioguanine and Hg²⁺ based on
g-C₃N₄ nanosheets**

Junling Duan^a, Yuanhong Zhang^a, Yanbin Yin^a, Houshen Li^a, Jun Wang^{b*}, Lusheng
Zhu^{b*}

*^aCollege of Chemistry and Material Science, Shandong Agricultural University,
Tai'an, Shandong 271018, P.R. China*

*^bCollege of Resources and Environment, Shandong Agricultural University,
Tai'an, Shandong 271018, P.R.China*

*Corresponding author:

Tel: 0538-8249789

E-mail address: jwang@sdau.edu.cn (J. Wang); lushzhu@sdau.edu.cn (L. S. Zhu)

Download English Version:

<https://daneshyari.com/en/article/7141410>

Download Persian Version:

<https://daneshyari.com/article/7141410>

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