

Accepted Manuscript

Title: A hierarchical charge transport cascade based on W-Bi₂S₃/poly(thiophenyl-3-boronic acid) hybrid for robust photoelectrochemical analysis of subgroup J of avian leukosis virus

Author: Bing Sun Jing Dong Wei-Jie Shi Shi-Yun Ai

PII: S0925-4005(16)30065-X
DOI: <http://dx.doi.org/doi:10.1016/j.snb.2016.01.063>
Reference: SNB 19572

To appear in: *Sensors and Actuators B*

Received date: 8-9-2015
Revised date: 4-1-2016
Accepted date: 14-1-2016

Please cite this article as: Bing Sun, Jing Dong, Wei-Jie Shi, Shi-Yun Ai, A hierarchical charge transport cascade based on W-Bi₂S₃/poly(thiophenyl-3-boronic acid) hybrid for robust photoelectrochemical analysis of subgroup J of avian leukosis virus, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2016.01.063>

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 hierarchical charge transport cascade based on
W-Bi₂S₃/poly(thiophenyl-3-boronic acid) hybrid for robust photoelectrochemical
analysis of subgroup J of avian leukosis virus**

Bing Sun ^{a,b}, Jing Dong ^{a*}, Wei-Jie Shi ^a, Shi-Yun Ai ^{a*}

*a College of Chemistry and Material Science, Shandong Agricultural University,
Taian, 271018, P. R. China.*

*b Key Laboratory of Molecular Nanostructure and Nanotechnology and Beijing
National Laboratory for Molecular Sciences, Institute of Chemistry Chinese Academy
of Sciences (CAS), Beijing, 100190, P. R. China.*

* Corresponding authors:

Tel: +86 538 8247660

Fax: +86 538 8242251

E-mail address: dongjing@sdau.edu.cn (J. Dong); ashy@sdau.edu.cn (S.Y. Ai)

Download English Version:

<https://daneshyari.com/en/article/7144046>

Download Persian Version:

<https://daneshyari.com/article/7144046>

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