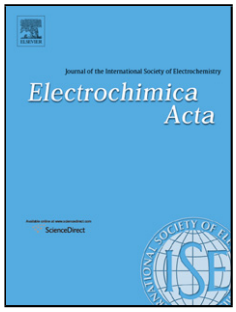

Title: An Electrochemical Sensor based on p-aminothiophenol/Au Nanoparticle-Decorated H_xTiS_2 Nanosheets for Specific Detection of Picomolar Cu (II)

Author: Xiaorong Gan Huimin Zhao Xie Quan Yaobin Zhang

PII: S0013-4686(15)31070-7
DOI: http://dx.doi.org/doi:10.1016/j.electacta.2015.12.145
Reference: EA 26294

To appear in: *Electrochimica Acta*

Received date: 7-11-2015
Revised date: 13-12-2015
Accepted date: 22-12-2015

Please cite this article as: Xiaorong Gan, Huimin Zhao, Xie Quan, Yaobin Zhang, An Electrochemical Sensor based on p-aminothiophenol/Au Nanoparticle-Decorated HxTiS2 Nanosheets for Specific Detection of Picomolar Cu (II), Electrochimica Acta http://dx.doi.org/10.1016/j.electacta.2015.12.145

An Electrochemical Sensor based on p-aminothiophenol/Au Nanoparticle-Decorated H_xTiS_2 Nanosheets for Specific Detection of Picomolar Cu (Ⅱ)

Xiaorong Gan, Huimin Zhao* zhaohuim@dlut.edu.cn, Xie Quan, Yaobin Zhang

Key Laboratory of Industrial Ecology and Environmental Engineering (Ministry of Education, China), School of Environmental Science and Technology, Dalian University of Technology, Dalian, 116024, China

***Corresponding author:** Tel.: +86-0411-84706263.