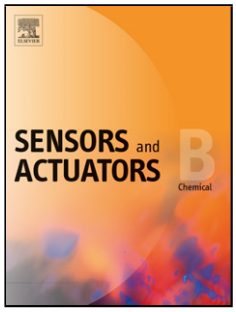

Title: Novel urchin-like Co_9S_8 nanomaterials with efficient intrinsic peroxidase-like activity for colorimetric sensing of copper (II) ion

Authors: Jianshuai Mu, Jie Li, Xin Zhao, En-Cui Yang, Xiao-Jun Zhao

PII: S0925-4005(17)32188-3
DOI: https://doi.org/10.1016/j.snb.2017.11.057
Reference: SNB 23551

To appear in: *Sensors and Actuators B*

Received date: 16-6-2017
Revised date: 1-10-2017
Accepted date: 13-11-2017

Please cite this article as: Jianshuai Mu, Jie Li, Xin Zhao, En-Cui Yang, Xiao-Jun Zhao, Novel urchin-like Co9S8 nanomaterials with efficient intrinsic peroxidase-like activity for colorimetric sensing of copper (II) ion, Sensors and Actuators B: Chemical https://doi.org/10.1016/j.snb.2017.11.057

Novel urchin-like Co_9S_8 nanomaterials with efficient intrinsic peroxidase-like activity for colorimetric sensing of copper (Ⅱ) ion

Jianshuai Mu,[a] Jie Li,[a] Xin Zhao,[a] En-Cui Yang[a] and Xiao-Jun Zhao*[ab]*

[a] College of Chemistry, Key Laboratory of Inorganic-Organic Hybrid Functional Material Chemistry, Ministry of Education, Tianjin Key Laboratory of Structure and Performance for Functional Molecules, Tianjin Normal University, Tianjin 300387, P. R. China. E-mail: encui_yang@163.com; xiaojun_zhao15@163.com; Fax: +86-22-23766556

[b] Collaborative Innovation Center of Chemical Science and Engineering, Tianjin, 300071, China