

## Accepted Manuscript

Title: Synthesis of hollow and hollowed-out  $\text{Co}_3\text{O}_4$  microspheres assembled by porous ultrathin nanosheets for ethanol gas sensors: responding and recovering in one second

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PII: S0925-4005(17)30664-0  
DOI: <http://dx.doi.org/doi:10.1016/j.snb.2017.04.063>  
Reference: SNB 22149

To appear in: *Sensors and Actuators B*

Received date: 20-1-2017  
Revised date: 8-4-2017  
Accepted date: 11-4-2017

Please cite this article as: Jianfeng Tan, Menghan Dun, Long Li, Jingya Zhao, Wenhu Tan, Zhidong Lin, Xintang Huang, Synthesis of hollow and hollowed-out  $\text{Co}_3\text{O}_4$  microspheres assembled by porous ultrathin nanosheets for ethanol gas sensors: responding and recovering in one second, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2017.04.063>

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# **Synthesis of hollow and hollowed-out Co<sub>3</sub>O<sub>4</sub> microspheres assembled by porous ultrathin nanosheets for ethanol gas sensors: responding and recovering in one second**

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