

## Accepted Manuscript

Title: Non-enzymatic glucose biosensor based on Palladium-copper oxide nanocomposites synthesized via galvanic replacement reaction

Authors: Peng Liu, Min Zhang, Shilei Xie, Shoushan Wang, Wenxue Cheng, Faliang Cheng



PII: S0925-4005(17)31217-0  
DOI: <http://dx.doi.org/doi:10.1016/j.snb.2017.07.010>  
Reference: SNB 22669

To appear in: *Sensors and Actuators B*

Received date: 12-4-2017  
Revised date: 2-6-2017  
Accepted date: 3-7-2017

Please cite this article as: Peng Liu, Min Zhang, Shilei Xie, Shoushan Wang, Wenxue Cheng, Faliang Cheng, Non-enzymatic glucose biosensor based on Palladium-copper oxide nanocomposites synthesized via galvanic replacement reaction, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2017.07.010>

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# Non-enzymatic glucose biosensor based on Palladium-copper oxide nanocomposites synthesized via galvanic replacement reaction

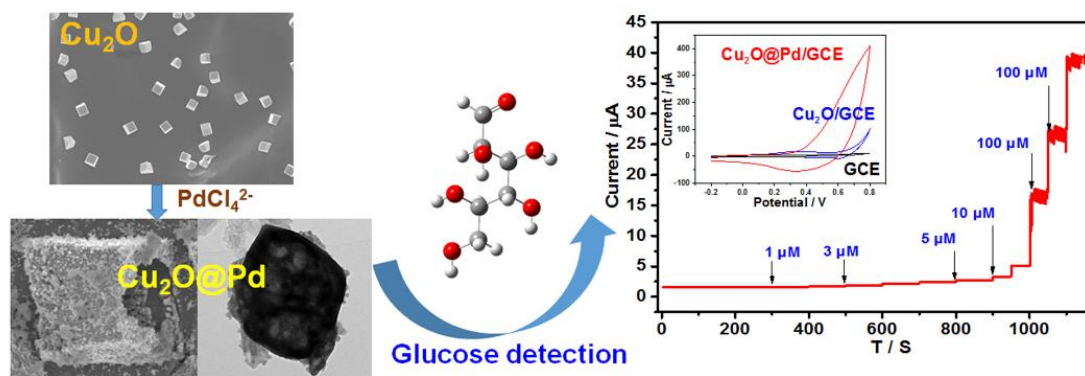
Peng Liu, Min Zhang<sup>\*</sup>, Shilei Xie, Shoushan Wang, Wenxue Cheng, Faliang Cheng<sup>\*</sup>

*Guangdong Engineering and Technology Research Center for Advanced Nanomaterials, School of Environment and Civil Engineering, Dongguan University of Technology, Dongguan 523808, China*

Corresponding author's Email: mindear@dgut.edu.cn (Min Zhang); chengfl@dgut.edu.cn (Faliang Cheng)

Telephone: 86-769-22862186

Graphic Abstract



## Highlights:

- A novel non-enzymatic glucose biosensor is fabricated by galvanic replacement.
- The sensor is based on surfactant-free and low Pd loading hollow-cubic Cu<sub>2</sub>O@Pd.
- The sensor shows high performance toward the oxidation of glucose.

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