

## Accepted Manuscript

Title: Highly sensitive luminol electrochemiluminescence immunosensor based on platinum-gold alloy hybrid functionalized zinc oxide nanocomposites for catalytic amplification

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PII: S0925-4005(18)31159-6  
DOI: <https://doi.org/10.1016/j.snb.2018.06.056>  
Reference: SNB 24893

To appear in: *Sensors and Actuators B*

Received date: 24-2-2018  
Revised date: 10-6-2018  
Accepted date: 12-6-2018

Please cite this article as: Huang X, Deng X, Qi W, Wu D, Highly sensitive luminol electrochemiluminescence immunosensor based on platinum-gold alloy hybrid functionalized zinc oxide nanocomposites for catalytic amplification, *Sensors and Actuators: B. Chemical* (2018), <https://doi.org/10.1016/j.snb.2018.06.056>

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**Highly sensitive luminol electrochemiluminescence immunosensor based on platinum-gold alloy hybrid functionalized zinc oxide nanocomposites for catalytic amplification**

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