

Author's Accepted Manuscript

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PII: S0039-9140(18)30301-1
DOI: <https://doi.org/10.1016/j.talanta.2018.03.064>
Reference: TAL18498

To appear in: *Talanta*

Received date: 17 November 2017
Revised date: 13 March 2018
Accepted date: 22 March 2018

Cite this article as: Kaile Tian, Dejian Li, Tingting Tang, Fei Nie, Yang Zhou, Jianxiu Du and Jianbin Zheng, A novel electrochemiluminescence resonance energy transfer system of luminol-graphene quantum dot composite and its application in H₂O₂ detection, *Talanta*, <https://doi.org/10.1016/j.talanta.2018.03.064>

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A novel electrochemiluminescence resonance energy transfer system of luminol-graphene quantum dot composite and its application in H₂O₂ detection

Kaile Tian¹¹, Dejian Li^{1,1}, Tingting Tang¹, Fei Nie^{1*}, Yang Zhou² Jianxiu Du² Jianbin Zheng¹

¹Institute of Analytical Science/Shaanxi Provincial Key Laboratory of Electroanalytical Chemistry, Northwest University, Xi'an, Shaanxi 710069, China

²Key Laboratory of Analytical Chemistry for Life Science of Shaanxi Province/School of Chemistry and Chemical Engineering, Shaanxi Normal University, Xi'an, Shaanxi 710062, China

*Corresponding author: Tel.: 86-29-88303448. Email: niefei@nwu.edu.cn

Abstract:

Luminol-nitrogen doped graphene quantum dot (luminol-NGQDs) nanocomposite was synthesized and a novel electrochemiluminescence resonance energy transfer (ECL-RET) process occurred between luminol as the donor and NGQDs as the acceptor in the composite. This

¹ These authors contributed equally to this work and should be considered co-first authors.

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