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Full Length Article

Ratiometric fluorescence detection of phosphate in human serum with a metalorganic frameworks-based nanocomposite and its immobilized agarose hydrogels

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PII: S0169-4332(18)32228-1

DOI: https://doi.org/10.1016/j.apsusc.2018.08.092

Reference: APSUSC 40129

To appear in: Applied Surface Science

Received Date: 11 June 2018 Revised Date: 29 July 2018 Accepted Date: 8 August 2018



Please cite this article as: N. Gao, J. Huang, L. Wang, J. Feng, P. Huang, F. Wu, Ratiometric fluorescence detection of phosphate in human serum with a metal-organic frameworks-based nanocomposite and its immobilized agarose hydrogels, *Applied Surface Science* (2018), doi: https://doi.org/10.1016/j.apsusc.2018.08.092

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ACCEPTED MANUSCRIPT

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