

Peptide- $\epsilon$ -perylene diimide functionalized magnetic nanoparticles for  
turn-on detection and clearance of bacterial lipopolysaccharide

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Brain-Targeted Delivery of Trans-Activating Transcriptor-Conjugated Magnetic PLGA/Lipid Nanoparticles. PLoS ONE, 2014, 9, e106652.	1.1	38
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3	Preparation of CTAB-loaded magnetic nanospheres for rapid bacterial capture and decontamination. Materials Letters, 2014, 134, 290-294.	1.3	16
4	Exploring the potential of magnetic antimicrobial agents for water disinfection. Water Research, 2014, 66, 160-168.	5.3	22
5	Peptide- $\pi$ -perylene diimide functionalized magnetic nano-platforms for fluorescence turn-on detection and clearance of bacterial lipopolysaccharides. Chemical Communications, 2014, 50, 6200-6203.	2.2	52
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9	Fluorescent turn-on sensing of bacterial lipopolysaccharide in artificial urine sample with sensitivity down to nanomolar by tetraphenylethylene based aggregation induced emission molecule. Biosensors and Bioelectronics, 2016, 85, 62-67.	5.3	78
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16	Detection of endotoxins using nanomaterials. Toxicology and Environmental Health Sciences, 2017, 9, 259-268.	1.1	9
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18	Computational modeling and fluorescence microscopy characterization of a two-phase magnetophoretic microsystem for continuous-flow blood detoxification. Lab on A Chip, 2018, 18, 1593-1606.	3.1	21

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20	Lipopolysaccharide-affinity copolymer senses the rapid motility of swarmer bacteria to trigger antimicrobial drug release. <i>Nature Communications</i> , 2018, 9, 4277.	5.8	17
21	Harnessing the affinity of magnetic nanoparticles toward dye-labeled DNA and developing it as an universal aptasensor revealed by lipopolysaccharide detection. <i>Analytica Chimica Acta</i> , 2018, 1036, 107-114.	2.6	21
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29	Photocatalytically renewable peptide-based electrochemical impedance method for sensing lipopolysaccharide. <i>Mikrochimica Acta</i> , 2020, 187, 349.	2.5	4
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36	A photosensitizing perylene diimide dye lights up cell nucleolus through visible light-mediated intracellular translocation. <i>Dyes and Pigments</i> , 2021, 196, 109722.	2.0	4

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38	A metabolic labeling way to in situ fabricate bacterial FRET Platform for innate immune defence molecule. <i>Sensors and Actuators B: Chemical</i> , 2022, 350, 130913.	4.0	4
39	Small-molecule fluorescent probes: big future for specific bacterial labeling and infection detection. <i>Chemical Communications</i> , 2021, 58, 155-170.	2.2	26
40	Supramolecular Nanostructures Based on Perylene Diimide Bioconjugates: From Self-Assembly to Applications. <i>Nanomaterials</i> , 2022, 12, 1223.	1.9	16
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