

Jiancong Ni

List of Publications by Year in descending order

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12
papers

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1163117

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699
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#	ARTICLE	IF	CITATIONS
1	Graphene Oxide Directed One-Step Synthesis of Flowerlike Graphene@HKUST-1 for Enzyme-Free Detection of Hydrogen Peroxide in Biological Samples. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32477-32487.	8.0	135
2	Cationic Carbon Dots for Modification-Free Detection of Hyaluronidase via an Electrostatic-Controlled Ratiometric Fluorescence Assay. <i>Analytical Chemistry</i> , 2017, 89, 8384-8390.	6.5	106
3	Homogeneous and label-free electrochemiluminescence aptasensor based on the difference of electrostatic interaction and exonuclease-assisted target recycling amplification. <i>Biosensors and Bioelectronics</i> , 2018, 105, 182-187.	10.1	47
4	From signal amplification to restrained background: Magnetic graphene oxide assisted homogeneous electrochemiluminescence aptasensor for highly sensitive detection of okadaic acid. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128872.	7.8	40
5	Immobilization free electrochemical biosensor for folate receptor in cancer cells based on terminal protection. <i>Biosensors and Bioelectronics</i> , 2016, 86, 496-501.	10.1	31
6	Homogeneous Electrochemiluminescence Biosensor for the Detection of RNase A Activity and Its Inhibitor. <i>Analytical Chemistry</i> , 2019, 91, 14751-14756.	6.5	29
7	Facile construction of a highly sensitive DNA biosensor by in-situ assembly of electro-active tags on hairpin-structured probe fragment. <i>Scientific Reports</i> , 2016, 6, 22441.	3.3	23
8	Metal-enhanced fluorometric formaldehyde assay based on the use of in-situ grown silver nanoparticles on silica-encapsulated carbon dots. <i>Mikrochimica Acta</i> , 2020, 187, 137.	5.0	17
9	A facile and highly sensitive impedimetric DNA biosensor with ultralow background response based on in situ reduced graphene oxide. <i>RSC Advances</i> , 2015, 5, 90983-90990.	3.6	7
10	A planar and uncharged copper(II)-picolinic acid chelate: Its intercalation to duplex DNA by experimental and theoretical studies and electrochemical sensing application. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111405.	10.1	7
11	Use of a chitosan-cadmium polymer as a redox hybridization indicator for CaMV35S promoter gene detection. <i>Journal of Bioactive and Compatible Polymers</i> , 2012, 27, 278-292.	2.1	3
12	Homogeneous label-free electrochemiluminescence biosensor based on double-driven amplification and magnetic graphene platform. <i>Biosensors and Bioelectronics: X</i> , 2022, 11, 100185.	1.7	1