

Xuan

List of Publications by Year in descending order

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14
papers

369
citations

840776

11
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1058476

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14
docs citations

14
times ranked

632
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly sensitive and portable aptasensor by using enzymatic nanoreactors as labels. <i>Microchemical Journal</i> , 2021, 168, 106407.	4.5	2
2	Ultrasensitive electrochemical genosensor for detection of CaMV35S gene with Fe ₃ O ₄ -Au@Ag nanoprobe. <i>Talanta</i> , 2020, 206, 120205.	5.5	39
3	Surface charge-controlled electron transfer and catalytic behavior of immobilized cytochrome P450 BM3 inside dendritic mesoporous silica nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4703-4712.	3.7	11
4	Colorimetric biosensing of nopaline synthase terminator using Fe ₃ O ₄ @Au and hemin-functionalized reduced graphene oxide. <i>Analytical Biochemistry</i> , 2020, 602, 113798.	2.4	10
5	Calcium ion assisted fluorescence determination of microRNA-167 using carbon dots labeled probe DNA and polydopamine-coated Fe ₃ O ₄ nanoparticles. <i>Mikrochimica Acta</i> , 2020, 187, 212.	5.0	21
6	An electrochemical enzymatic nanoreactor based on dendritic mesoporous silica nanoparticles for living cell H ₂ O ₂ detection. <i>Analyst</i> , The, 2019, 144, 481-487.	3.5	39
7	Electrochemical detection of Salmonella using an invA genosensor on polypyrrole-reduced graphene oxide modified glassy carbon electrode and AuNPs-horseradish peroxidase-streptavidin as nanotag. <i>Analytica Chimica Acta</i> , 2019, 1074, 80-88.	5.4	55
8	Gold nanoparticle-doped three-dimensional reduced graphene hydrogel modified electrodes for amperometric determination of indole-3-acetic acid and salicylic acid. <i>Nanoscale</i> , 2019, 11, 10247-10256.	5.6	24
9	Electro-Oxidation and Simultaneous Determination of Indole-3-Acetic Acid and Salicylic Acid on Graphene Hydrogel Modified Electrode. <i>Sensors</i> , 2019, 19, 5483.	3.8	13
10	Ultrasensitive electrochemical DNA sensor for virulence invA gene of Salmonella using silver nanoclusters as signal probe. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 53-59.	7.8	48
11	Polydopamine functionalized nanoporous graphene foam as nanoreactor for efficient electrode-driven metabolism of steroid hormones. <i>Biosensors and Bioelectronics</i> , 2018, 119, 182-190.	10.1	18
12	Polydopamine induced in-situ growth of Au nanoparticles on reduced graphene oxide as an efficient biosensing platform for ultrasensitive detection of bisphenol A. <i>Electrochimica Acta</i> , 2017, 242, 56-65.	5.2	45
13	Electrochemical gene sensor based on a glassy carbon electrode modified with hemin-functionalized reduced graphene oxide and gold nanoparticle-immobilized probe DNA. <i>Mikrochimica Acta</i> , 2017, 184, 245-252.	5.0	38
14	General Preparation of Heme Protein Functional Fe ₃ O ₄ @Au Nps Magnetic Nanocomposite for Sensitive Detection of Hydrogen Peroxide. <i>Electroanalysis</i> , 2017, 29, 765-772.	2.9	6