

Keying Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

580
citations

567144

15
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713332

21
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docs citations

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times ranked

836
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#	ARTICLE	IF	CITATIONS
1	Electrochemical DNA biosensor based on silver nanoparticles/poly(3-(3-pyridyl) acrylic acid)/carbon nanotubes modified electrode. <i>Analytical Biochemistry</i> , 2009, 387, 13-19.	1.1	106
2	Lighting Up MicroRNA in Living Cells by the Disassembly of Lockâ€Like DNAâ€Programmed UCNPsâ€AuNPs through the Target Cycling Amplification Strategy. <i>Small</i> , 2018, 14, e1802292.	5.2	56
3	A novel non-enzyme hydrogen peroxide sensor based on an electrode modified with carbon nanotube-wired CuO nanoflowers. <i>Mikrochimica Acta</i> , 2012, 176, 137-142.	2.5	46
4	Dual-Acceptor-Based Upconversion Luminescence Nanosensor with Enhanced Quenching Efficiency for in Situ Imaging and Quantification of MicroRNA in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38459-38466.	4.0	42
5	A Universal Upconversion Sensing Platform for the Sensitive Detection of Tumourâ€Related ncRNA through an Exo IIIâ€Assisted Cycling Amplification Strategy. <i>Small</i> , 2018, 14, 1703858.	5.2	36
6	Amperometric sensing of hydrogen peroxide using a glassy carbon electrode modified with silver nanoparticles on poly(alizarin yellow R). <i>Mikrochimica Acta</i> , 2011, 173, 135-141.	2.5	31
7	Simultaneous voltammetric detection of dopamine, ascorbic acid and uric acid using a poly(2-(N-morpholine)ethane sulfonic acid)/RGO modified electrode. <i>RSC Advances</i> , 2018, 8, 5280-5285.	1.7	28
8	Electrochemical behavior of adriamycin at an electrode modified with silver nanoparticles and multi-walled carbon nanotubes, and its application. <i>Mikrochimica Acta</i> , 2010, 169, 161-165.	2.5	27
9	Label-free impedimetric sensing platform for microRNA-21 based on ZrO ₂ -reduced graphene oxide nanohybrids coupled with catalytic hairpin assembly amplification. <i>RSC Advances</i> , 2018, 8, 16146-16151.	1.7	27
10	Label-Free Electrochemical DNA Sensor Based on Gold Nanoparticles/Poly(neutral red) Modified Electrode. <i>Electroanalysis</i> , 2010, 22, 673-679.	1.5	25
11	Plasmonic Modulation of the Upconversion Luminescence Based on Gold Nanorods for Designing a New Strategy of Sensing MicroRNAs. <i>Analytical Chemistry</i> , 2020, 92, 11795-11801.	3.2	24
12	Engineering of an Upconversion Luminescence Sensing Platform Based on the Competition Effect for Mercury-Ion Monitoring in Green Tea. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8565-8570.	2.4	21
13	A sensitive amperometric hydrogen peroxide sensor based on thionin/EDTA/carbon nanotubesâ€chitosan composite film modified electrode. <i>Mikrochimica Acta</i> , 2010, 171, 139-144.	2.5	19
14	Enhancing intracellular microRNA imaging: a new strategy combining double-channel exciting single colour fluorescence with the target cycling amplification reaction. <i>Chemical Communications</i> , 2018, 54, 13131-13134.	2.2	17
15	Electrochemiluminescent determination of the activity of uracil-DNA glycosylase: Combining nicking enzyme assisted signal amplification and catalyzed hairpin assembly. <i>Mikrochimica Acta</i> , 2019, 186, 179.	2.5	17
16	Rational engineering of Ag-doped reduced graphene oxide as electrochemical sensor for trace mercury ions monitoring. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130383.	4.0	16
17	Silver nanoparticles/poly(2-(N-morpholine) ethane sulfonic acid) modified electrode for electrocatalytic sensing of hydrogen peroxide. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 1419-1423.	1.5	13
18	An ultrasensitive electrochemical sensing platform based on silver nanoparticle-anchored 3D reduced graphene oxide for rifampicin detection. <i>Analyst</i> , 2022, 147, 2156-2163.	1.7	10

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19	Upconversion nanoamplicon with confined emitters for precise reporting of microRNA-21 levels originated from cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2021, 342, 130062.	4.0	7
20	Gold Nanowires “ Assisted Prussian Blue Enhancing Peroxidase “ Like Activity for the Nonenzymatic Electrochemically Sensing H_2O_2 Released From Living Cells. <i>Electroanalysis</i> , 2021, 33, 1167-1174.	1.5	5
21	Cancer Diagnosis: A Universal Upconversion Sensing Platform for the Sensitive Detection of Tumour-Related ncRNA through an Exo III-Assisted Cycling Amplification Strategy (<i>Small</i> 10/2018). <i>Small</i> , 2018, 14, 1870044.	5.2	4
22	Three-dimensional porous reduced graphene oxide modified electrode for highly sensitive detecting trace rifampicin in milk. <i>Analytical Methods</i> , 0, , .	1.3	3