

Hanping He

List of Publications by Year in descending order

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33
papers

817
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516710

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1005
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#	ARTICLE	IF	CITATIONS
1	Au-PEDOT/rGO nanocomposites functionalized graphene electrochemical transistor for ultra-sensitive detection of acetaminophen in human urine. <i>Analytica Chimica Acta</i> , 2022, 1191, 339306.	5.4	13
2	Solution-gated transistor based on electrochemically reduced graphene oxide channel. <i>Journal of Materials Science</i> , 2022, 57, 4652-4663.	3.7	1
3	Synthesis of tetraphenylethene-based A conjugated molecules with near-infrared AIE features, and their application in photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3550-3559.	5.8	9
4	High-performance Pt/Ti3C2Tx MXene based graphene electrochemical transistor for selective detection of dopamine. <i>Analytica Chimica Acta</i> , 2022, 1201, 339653.	5.4	28
5	Ag nanocubes monolayer-modified PDMS as flexible SERS substrates for pesticides sensing. <i>Mikrochimica Acta</i> , 2022, 189, .	5.0	17
6	Molecular Engineering of Efficient Singlet Oxygen Generators with Near-Infrared AIE Features for Mitochondrial Targeted Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2104026.	14.9	68
7	Non-invasive detection of glucose via a solution-gated graphene transistor. <i>Analyst, The</i> , 2020, 145, 887-896.	3.5	27
8	Highly sensitive methyl parathion sensor based on Au-ZrO2 nanocomposites modified graphene electrochemical transistor. <i>Electrochimica Acta</i> , 2020, 357, 136836.	5.2	25
9	A novel solution-gated graphene transistor biosensor for ultrasensitive detection of trinucleotide repeats. <i>Analyst, The</i> , 2020, 145, 4795-4805.	3.5	5
10	Ratiometric electrochemical biosensor based on Exo III-Assisted recycling amplification for the detection of CAG trinucleotide repeats. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111537.	10.1	15
11	Highly sensitive nitrite sensor based on AuNPs/RGO nanocomposites modified graphene electrochemical transistors. <i>Biosensors and Bioelectronics</i> , 2019, 146, 111751.	10.1	69
12	A gold electrode modified with a gold-graphene oxide nanocomposite for non-enzymatic sensing of glucose at near-neutral pH values. <i>Mikrochimica Acta</i> , 2019, 186, 722.	5.0	14
13	A fluorescent method based on magnetic nanoparticles for detection of CGG trinucleotide repeat genes. <i>New Journal of Chemistry</i> , 2019, 43, 1322-1327.	2.8	3
14	A novel electrochemical method based on screen-printed electrodes and magnetic beads for detection of trinucleotide repeat sequence d(CAG) _n . <i>New Journal of Chemistry</i> , 2018, 42, 9757-9763.	2.8	6
15	Silver nanoclusters-assisted triple-amplified biosensor for ultrasensitive methyltransferase activity detection based on AuNPs/ERGO hybrids and hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2018, 118, 174-180.	10.1	44
16	A novel ratiometric fluorescent probe for selective detection of bisulfite in living cells. <i>RSC Advances</i> , 2017, 7, 2573-2577.	3.6	34
17	An HBT-Based Near-Infrared Fluorescent Probe for Colorimetric and Ratiometric Detection of Bisulfite and its Application in Living Cells. <i>Journal of Fluorescence</i> , 2017, 27, 1405-1411.	2.5	14
18	HBT-based turn-on fluorescent probe for discrimination of homocysteine from glutathione/cysteine and its bioimaging applications. <i>RSC Advances</i> , 2017, 7, 16387-16391.	3.6	12

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19	Synthesis and characterization of a bifunctional nanoprobe for CGG trinucleotide repeat detection. <i>RSC Advances</i> , 2017, 7, 36124-36131.	3.6	10
20	A Novel Electrochemical Biosensor Based on a Double-Signal Technique for d(CAG) _n Trinucleotide Repeats. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44231-44240.	8.0	15
21	A Novel Electrochemical Sensor Based on [Ru(NH ₃) ₆]Cl ₃ as a Redox Indicator for the Detection of G-G Mismatched DNA. <i>Analytical Sciences</i> , 2017, 33, 585-590.	1.6	1
22	Naphthyridine- <i>h</i> -Benzoazaquinolone: Evaluation of a Tricyclic System for the Binding to (CAG) _n Repeat DNA and RNA. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1971-1981.	3.3	17
23	An electrochemical impedance sensor for simple and specific recognition of G-G mismatches in DNA. <i>Analytical Methods</i> , 2016, 8, 7413-7419.	2.7	18
24	Surface protein imprinted magnetic nanoparticles for specific recognition of bovine hemoglobin. <i>New Journal of Chemistry</i> , 2016, 40, 564-570.	2.8	24
25	Electrochemical Investigation of Interaction between a Bifunctional Probe and GG Mismatch Duplex. <i>Analytical Sciences</i> , 2015, 31, 663-667.	1.6	6
26	Application of nanomaterials in the bioanalytical detection of disease-related genes. <i>Biosensors and Bioelectronics</i> , 2015, 74, 113-133.	10.1	68
27	Direct Electrodeposition of Gold Nanostructures onto Glassy Carbon Electrodes for Non-enzymatic Detection of Glucose. <i>Electrochimica Acta</i> , 2014, 132, 524-532.	5.2	124
28	Visual detection and removal of mercury ions by a ferrocene derivative. <i>Tetrahedron Letters</i> , 2014, 55, 3541-3544.	1.4	10
29	An electrochemical impedance sensor based on a small molecule modified Au electrode for the recognition of a trinucleotide repeat. <i>Analyst</i> , 2014, 139, 5482-5487.	3.5	20
30	Selective recognition of G-G mismatch using the double functional probe with electrochemical activeferrocenyl. <i>Biosensors and Bioelectronics</i> , 2013, 42, 36-40.	10.1	19
31	Facile electrochemical biosensor based on a new bifunctional probe for label-free detection of CGG trinucleotide repeat. <i>Biosensors and Bioelectronics</i> , 2013, 49, 282-289.	10.1	26
32	A small molecule regulates hairpin structures in d(CGG) trinucleotide repeats. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2000-2003.	2.2	31
33	A Small Molecule Affecting the Replication of Trinucleotide Repeat d(GAA) _n . <i>Chemistry - A European Journal</i> , 2009, 15, 10641-10648.	3.3	24