Qiumei Feng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5542910/publications.pdf

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14	426	687363 13	1058476 14
papers	citations	h-index	g-index

14	14	14	484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of an innovative nitrite sensing platform based on the construction of carbon-layer-coated In2O3 porous tubes. Sensors and Actuators B: Chemical, 2021, 328, 129082.	7.8	68
2	Stochastic DNA walker for electrochemical biosensing sensitized with gold nanocages@graphene nanoribbons. Biosensors and Bioelectronics, 2018, 108, 97-102.	10.1	61
3	Label-free and enzyme-free fluorescence detection of microRNA based on sulfydryl-functionalized carbon dots via target-initiated hemin/G-quadruplex-catalyzed oxidation. Biosensors and Bioelectronics, 2021, 176, 112955.	10.1	41
4	Signal-on electrochemical detection of DNA methylation based on the target-induced conformational change of a DNA probe and exonuclease III-assisted target recycling. Biosensors and Bioelectronics, 2020, 149, 111847.	10.1	40
5	Construction of a paper-based electrochemical biosensing platform for rapid and accurate detection of adenosine triphosphate (ATP). Sensors and Actuators B: Chemical, 2018, 256, 931-937.	7.8	38
6	Construction of a Cytosine-Adjusted Electrochemiluminescence Resonance Energy Transfer System for MicroRNA Detection. Langmuir, 2018, 34, 10153-10162.	3.5	33
7	An in situ quenching electrochemiluminescence biosensor amplified with aptamer recognition-induced multi-DNA release for sensitive detection of pathogenic bacteria. Biosensors and Bioelectronics, 2022, 196, 113744.	10.1	23
8	Novel integrating polymethylene blue nanoparticles with dumbbell hybridization chain reaction for electrochemical detection of pathogenic bacteria. Food Chemistry, 2022, 382, 132501.	8.2	23
9	Catalytic hairpin assembly-triggered DNA walker for electrochemical sensing of tumor exosomes sensitized with Ag@C core-shell nanocomposites. Analytica Chimica Acta, 2020, 1135, 55-63.	5.4	22
10	Proximity binding-triggered multipedal DNA walker for the electrochemiluminescence detection of telomerase activity. Analytica Chimica Acta, 2021, 1144, 68-75.	5.4	19
11	Regenerable electrochemical biosensor for exosomes detection based on the dual-recognition proximity binding-induced DNA walker. Sensors and Actuators B: Chemical, 2021, 349, 130765.	7.8	18
12	Construction of an Electrochemical Biosensing Platform Based on Hierarchical Mesoporous NiO@N-Doped C Microspheres Coupled with Catalytic Hairpin Assembly. ACS Applied Bio Materials, 2020, 3, 1276-1282.	4.6	16
13	Stimuli-responsive DNA microcapsules for homogeneous electrochemiluminescence sensing of tumor exosomes. Sensors and Actuators B: Chemical, 2021, 329, 129136.	7.8	15
14	Combination of DNA walker and Pb2+-specific DNAzyme-based signal amplification with a signal-off electrochemical DNA sensor for Staphylococcus aureus detection. Analytica Chimica Acta, 2022, 1222, 340179.	5.4	9