

# Qiumei Feng

## List of Publications by Year in descending order

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

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14  
papers

426  
citations

687363

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1058476

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