

Cheng-Yi Hong

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

808
citations

840119

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docs citations

19
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of Au@WSe ₂ hybrid nanostructures with the enhanced peroxidase-like activity for sensitive colorimetric detection of glucose. <i>Nano Research</i> , 2022, 15, 1587-1592.	5.8	36
2	A sensitive colorimetric hydrogen sulfide detection approach based on copper-metal-organic frameworks and a smartphone. <i>Analytical Methods</i> , 2022, 14, 1239-1245.	1.3	6
3	Fluorescence detection of milk allergen β -lactoglobulin based on aptamers and WS ₂ nanosheets. <i>Journal of Materials Chemistry B</i> , 2022, 10, 6752-6757.	2.9	10
4	Rapid detection of histamine in fish based on the fluorescence characteristics of carbon nitride. <i>Journal of Food Composition and Analysis</i> , 2022, 112, 104659.	1.9	11
5	Histamine detection in fish samples based on indirect competitive ELISA method using iron-cobalt co-doped carbon dots labeled histamine antibody. <i>Food Chemistry</i> , 2021, 345, 128812.	4.2	42
6	Colorimetric detection of putrescine and cadaverine in aquatic products based on the mimic enzyme of (Fe,Co) codoped carbon dots. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 1747-1753.	1.6	5
7	Colorimetric determination of xanthine with xanthine oxidase and WSe ₂ nanosheets as a peroxidase mimic. <i>New Journal of Chemistry</i> , 2021, 45, 10459-10465.	1.4	9
8	Aptamer-Pendant DNA Tetrahedron Nanostructure Probe for Ultrasensitive Detection of Tetracycline by Coupling Target-Triggered Rolling Circle Amplification. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19695-19700.	4.0	65
9	Colorimetric detection of hypoxanthine in aquatic products based on the enzyme mimic of cobalt-doped carbon nitride. <i>New Journal of Chemistry</i> , 2021, 45, 18307-18314.	1.4	10
10	A dichromatic label-free aptasensor for sulfadimethoxine detection in fish and water based on AuNPs color and fluorescent dyeing of double-stranded DNA with SYBR Green I. <i>Food Chemistry</i> , 2020, 309, 125712.	4.2	43
11	Sensitive and on-site detection of glyphosate based on papain-stabilized fluorescent gold nanoclusters. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 8177-8184.	1.9	27
12	On-Site Colorimetric Detection of Cholesterol Based on Polypyrrole Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54426-54432.	4.0	78
13	Aptamer-based fluorometric determination of chloramphenicol by controlling the activity of hemin as a peroxidase mimetic. <i>Analytical Methods</i> , 2020, 12, 2391-2397.	1.3	6
14	Highly sensitive detection of multiple antibiotics based on DNA tetrahedron nanostructure-functionalized magnetic beads. <i>Analytica Chimica Acta</i> , 2020, 1120, 50-58.	2.6	25
15	Detection of Malachite Green using a colorimetric aptasensor based on the inhibition of the peroxidase-like activity of gold nanoparticles by cetyltrimethylammonium ions. <i>Mikrochimica Acta</i> , 2019, 186, 322.	2.5	19
16	Label-Free Fluorescence-Based Aptasensor for the Detection of Sulfadimethoxine in Water and Fish. <i>Applied Spectroscopy</i> , 2019, 73, 294-303.	1.2	13
17	Ratiometric fluorescence probe of MIPs@CdTe QDs for trace malachite green detection in fish. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 537-544.	1.9	24
18	Free-Floating 2D Nanosheets with a Superlattice Assembled from Fe ₃ O ₄ Nanoparticles for Peroxidase-Mimicking Activity. <i>ACS Applied Nano Materials</i> , 2018, 1, 5389-5395.	2.4	9

#	ARTICLE	IF	CITATIONS
19	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. ACS Nano, 2017, 11, 3943-3949.	7.3	370