Cheng-Yi Hong

List of Publications by Year
in descending order

19 papers	**808** citations	840776 **11** h-index	794594 **19** g-index
19 all docs	**19** docs citations	**19** times ranked	**1009** citing authors

#	Article	IF	Citations
1	Green synthesis of Au@WSe2 hybrid nanostructures with the enhanced peroxidase-like activity for sensitive colorimetric detection of glucose. Nano Research, 2022, 15, 1587-1592.	10.4	36
2	A sensitive colorimetric hydrogen sulfide detection approach based on copper-metal–organic frameworks and a smartphone. Analytical Methods, 2022, 14, 1239-1245.	2.7	6
3	Fluorescence detection of milk allergen β-lactoglobulin based on aptamers and WS_2 nanosheets. Journal of Materials Chemistry B, 2022, 10, 6752-6757.	5.8	10
4	Rapid detection of histamine in fish based on the fluorescence characteristics of carbon nitride. Journal of Food Composition and Analysis, 2022, 112, 104659.	3.9	11
5	Histamine detection in fish samples based on indirect competitive ELISA method using iron-cobalt co-doped carbon dots labeled histamine antibody. Food Chemistry, 2021, 345, 128812.	8.2	42
6	Colorimetric detection of putrescine and cadaverine in aquatic products based on the mimic enzyme of (Fe,Co) codoped carbon dots. Journal of Food Measurement and Characterization, 2021, 15, 1747-1753.	3.2	5
7	Colorimetric determination of xanthine with xanthine oxidase and WSe_2 nanosheets as a peroxidase mimic. New Journal of Chemistry, 2021, 45, 10459-10465.	2.8	9
8	Aptamer-Pendant DNA Tetrahedron Nanostructure Probe for Ultrasensitive Detection of Tetracycline by Coupling Target-Triggered Rolling Circle Amplification. ACS Applied Materials & Interfaces, 2021, 13, 19695-19700.	8.0	65
9	Colorimetric detection of hypoxanthine in aquatic products based on the enzyme mimic of cobalt-doped carbon nitride. New Journal of Chemistry, 2021, 45, 18307-18314.	2.8	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. Food Chemistry, 2020, 309, 125712.	8.2	43
11	Sensitive and on-site detection of glyphosate based on papain-stabilized fluorescent gold nanoclusters. Analytical and Bioanalytical Chemistry, 2020, 412, 8177-8184.	3.7	27
12	On-Site Colorimetric Detection of Cholesterol Based on Polypyrrole Nanoparticles. ACS Applied Materials & Interfaces, 2020, 12, 54426-54432.	8.0	78
13	Aptamer-based fluorometric determination of chloramphenicol by controlling the activity of hemin as a peroxidase mimetic. Analytical Methods, 2020, 12, 2391-2397.	2.7	6
14	Highly sensitive detection of multiple antibiotics based on DNA tetrahedron nanostructure-functionalized magnetic beads. Analytica Chimica Acta, 2020, 1120, 50-58.	5.4	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. Mikrochimica Acta, 2019, 186, 322.	5.0	19
16	Label-Free Fluorescence-Based Aptasensor for the Detection of Sulfadimethoxine in Water and Fish. Applied Spectroscopy, 2019, 73, 294-303.	2.2	13
17	Ratiometric fluorescence probe of MIPs@CdTe QDs for trace malachite green detection in fish. Analytical and Bioanalytical Chemistry, 2019, 411, 537-544.	3.7	24
18	Free-Floating 2D Nanosheets with a Superlattice Assembled from Fe3O4 Nanoparticles for Peroxidase-Mimicking Activity. ACS Applied Nano Materials, 2018, 1, 5389-5395.	5.0	9

#	Article	IF	Citations
19	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. ACS Nano, 2017, 11, 3943-3949.	14.6	370