Cheng-Yi Hong

List of Publications by Citations

17 papers	420 citations	8 h-index	19 g-index
19 ext. papers	612 ext. citations	6.2 avg, IF	3.8 L-index

#	Paper	IF	Citations
17	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. *ACS Nano*, **2017**, 11, 3943-3949	16.7	264
16	On-Site Colorimetric Detection of Cholesterol Based on Polypyrrole Nanoparticles. *ACS Applied Materials & Interfaces*, **2020**, 12, 54426-54432	9.5	26
15	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	9.5	20
14	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	8.5	20
13	Highly sensitive detection of multiple antibiotics based on DNA tetrahedron nanostructure-functionalized magnetic beads. *Analytica Chimica Acta*, **2020**, 1120, 50-58	6.6	14
12	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	8.5	13
11	Ratiometric fluorescence probe of MIPs@CdTe QDs for trace malachite green detection in fish. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 537-544	4.4	12
10	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	5.8	11
9	Label-Free Fluorescence-Based Aptasensor for the Detection of Sulfadimethoxine in Water and Fish. *Applied Spectroscopy*, **2019**, 73, 294-303	3.1	8
8	Sensitive and on-site detection of glyphosate based on papain-stabilized fluorescent gold nanoclusters. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 8177-8184	4.4	7
7	Free-Floating 2D Nanosheets with a Superlattice Assembled from FeO Nanoparticles for Peroxidase-Mimicking Activity. *ACS Applied Nano Materials*, **2018**, 1, 5389-5395	5.6	7
6	Green synthesis of Au@WSe2 hybrid nanostructures with the enhanced peroxidase-like activity for sensitive colorimetric detection of glucose. *Nano Research*, 1	10	7
5	Colorimetric detection of hypoxanthine in aquatic products based on the enzyme mimic of cobalt-doped carbon nitride. *New Journal of Chemistry*,	3.6	4
4	Colorimetric determination of xanthine with xanthine oxidase and WSe2 nanosheets as a peroxidase mimic. *New Journal of Chemistry*,	3.6	3
3	Aptamer-based fluorometric determination of chloramphenicol by controlling the activity of hemin as a peroxidase mimetic. *Analytical Methods*, **2020**, 12, 2391-2397	3.2	2
2	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	2.8	1
1	Rapid detection of histamine in fish based on the fluorescence characteristics of carbon nitride. *Journal of Food Composition and Analysis*, **2022**, 104659	4.1	0