

# Cheng-Yi Hong

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Rapid detection of histamine in fish based on the fluorescence characteristics of carbon nitride. <i>Journal of Food Composition and Analysis</i> , <b>2022</b> , 104659	4.1	0
16	Aptamer-Pendant DNA Tetrahedron Nanostructure Probe for Ultrasensitive Detection of Tetracycline by Coupling Target-Triggered Rolling Circle Amplification. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 19695-19700	9.5	20
15	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> , <b>2021</b> , 345, 128812	8.5	13
14	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> , <b>2021</b> , 15, 1747-1753	2.8	1
13	Aptamer-based fluorometric determination of chloramphenicol by controlling the activity of hemin as a peroxidase mimetic. <i>Analytical Methods</i> , <b>2020</b> , 12, 2391-2397	3.2	2
12	Highly sensitive detection of multiple antibiotics based on DNA tetrahedron nanostructure-functionalized magnetic beads. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1120, 50-58	6.6	14
11	Sensitive and on-site detection of glyphosate based on papain-stabilized fluorescent gold nanoclusters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 8177-8184	4.4	7
10	On-Site Colorimetric Detection of Cholesterol Based on Polypyrrole Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 54426-54432	9.5	26
9	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> , <b>2020</b> , 309, 125712	8.5	20
8	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> , <b>2019</b> , 186, 322	5.8	11
7	Label-Free Fluorescence-Based Aptasensor for the Detection of Sulfadimethoxine in Water and Fish. <i>Applied Spectroscopy</i> , <b>2019</b> , 73, 294-303	3.1	8
6	Ratiometric fluorescence probe of MIPs@CdTe QDs for trace malachite green detection in fish. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 537-544	4.4	12
5	Free-Floating 2D Nanosheets with a Superlattice Assembled from FeO Nanoparticles for Peroxidase-Mimicking Activity. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 5389-5395	5.6	7
4	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. <i>ACS Nano</i> , <b>2017</b> , 11, 3943-3949	16.7	264
3	Colorimetric determination of xanthine with xanthine oxidase and WSe <sub>2</sub> nanosheets as a peroxidase mimic. <i>New Journal of Chemistry</i> ,	3.6	3
2	Green synthesis of Au@WSe <sub>2</sub> hybrid nanostructures with the enhanced peroxidase-like activity for sensitive colorimetric detection of glucose. <i>Nano Research</i> ,1	10	7
1	Colorimetric detection of hypoxanthine in aquatic products based on the enzyme mimic of cobalt-doped carbon nitride. <i>New Journal of Chemistry</i> ,	3.6	4

