

# Cheng-Yi Hong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4261233/publications.pdf>

Version: 2024-02-01

19  
papers

808  
citations

840119

11  
h-index

794141

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. <i>ACS Nano</i> , 2017, 11, 3943-3949.	7.3	370
2	On-Site Colorimetric Detection of Cholesterol Based on Polypyrrole Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 54426-54432.	4.0	78
3	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> , 2021, 13, 19695-19700.	4.0	65
4	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
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	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> , 2022, 15, 1587-1592.	5.8	36
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	Fluorescence detection of milk allergen $\beta$ -lactoglobulin based on aptamers and WS <sub>2</sub> nanosheets. <i>Journal of Materials Chemistry B</i> , 2022, 10, 6752-6757.	2.9	10
15	Free-Floating 2D Nanosheets with a Superlattice Assembled from Fe <sub>3</sub> O <sub>4</sub> Nanoparticles for Peroxidase-Mimicking Activity. <i>ACS Applied Nano Materials</i> , 2018, 1, 5389-5395.	2.4	9
16	Colorimetric determination of xanthine with xanthine oxidase and WSe <sub>2</sub> nanosheets as a peroxidase mimic. <i>New Journal of Chemistry</i> , 2021, 45, 10459-10465.	1.4	9
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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.	1.6	5