

# Hongfang Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3954130/publications.pdf>

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9  
papers

208  
citations

1163117

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1474206

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g-index

9  
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docs citations

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times ranked

314  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel electrochemical immunosensor based on nonenzymatic Ag@Au-Fe <sub>3</sub> O <sub>4</sub> nanoelectrocatalyst for protein biomarker detection. <i>Biosensors and Bioelectronics</i> , 2016, 85, 343-350.	10.1	55
2	Fullerene-based anodic stripping voltammetry for simultaneous determination of Hg(II), Cu(II), Pb(II) and Cd(II) in foodstuff. <i>Mikrochimica Acta</i> , 2018, 185, 274.	5.0	40
3	Sensitive detection of hydroxylamine at a simple baicalin carbon nanotubes modified electrode. <i>Talanta</i> , 2012, 93, 67-71.	5.5	25
4	Novel electrochemical biosensing platform for microRNA detection based on G-quadruplex formation in nanochannels. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128898.	7.8	25
5	C <sub>60</sub> Mediated Ion Pair Interaction for Label-Free Electrochemical Immunosensing with Nanoporous Anodic Alumina Nanochannels. <i>Analytical Chemistry</i> , 2019, 91, 5125-5132.	6.5	22
6	Ultrasensitive Electrochemical Immunoassay Based on Cargo Release from Nanosized PbS Colloidosomes. <i>Analytical Chemistry</i> , 2019, 91, 2224-2230.	6.5	16
7	Novel electrochemical biosensing platform for microRNA: Bivalent recognition-induced nanoparticle amplification occurred in nanochannels. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130209.	7.8	11
8	A label-free ratiometric immunoassay using bioinspired nanochannels and a smart modified electrode. <i>Analytica Chimica Acta</i> , 2021, 1162, 338476.	5.4	8
9	Ferrofluids transport in bioinspired nanochannels: Application to electrochemical biosensing with magnetic-controlled detection. <i>Biosensors and Bioelectronics</i> , 2022, 201, 113963.	10.1	6