

# Xibin Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

715  
citations

566801

15  
h-index

676716

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous determination of ascorbic acid, dopamine and uric acid based on tryptophan functionalized graphene. <i>Analytica Chimica Acta</i> , 2014, 823, 32-39.	2.6	169
2	Au-Pt bimetallic nanoparticles decorated on sulfonated nitrogen sulfur co-doped graphene for simultaneous determination of dopamine and uric acid. <i>Talanta</i> , 2018, 178, 315-323.	2.9	56
3	Au-Pt bimetallic nanoparticles supported on functionalized nitrogen-doped graphene for sensitive detection of nitrite. <i>Talanta</i> , 2016, 161, 713-720.	2.9	54
4	Determination of malachite green in fish based on magnetic molecularly imprinted polymer extraction followed by electrochemiluminescence. <i>Talanta</i> , 2015, 142, 228-234.	2.9	53
5	Layered MoS <sub>2</sub> @graphene functionalized with nitrogen-doped graphene quantum dots as an enhanced electrochemical hydrogen evolution catalyst. <i>Chinese Chemical Letters</i> , 2019, 30, 1253-1260.	4.8	46
6	Simultaneous determination of dihydroxybenzene isomers based on graphene-graphene oxide nanocomposite modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 198-204.	4.0	43
7	Simultaneous determination of uric acid, xanthine and hypoxanthine based on sulfonic groups functionalized nitrogen-doped graphene. <i>Journal of Electroanalytical Chemistry</i> , 2015, 756, 22-29.	1.9	34
8	Tree-Like NiS <sub>2</sub> /MoS <sub>2</sub> -RGO Nanocomposites as pH Universal Electrocatalysts for Hydrogen Evolution Reaction. <i>Catalysis Letters</i> , 2019, 149, 1197-1210.	1.4	33
9	Simply converting color signal readout into thermal signal readout for breaking the color resolution limitation of colorimetric sensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 309, 127707.	4.0	29
10	PtNi nanoparticles supported on electrochemically reduced porous graphene oxide for methanol oxidation reaction. <i>Chemical Physics Letters</i> , 2019, 730, 575-581.	1.2	28
11	Facile synthesis of MoS <sub>2</sub> /N-doped macro-mesoporous carbon hybrid as efficient electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7326-7337.	3.8	23
12	Synthesis of Au@nitrogen-doped carbon quantum dots@Pt core-shell structure nanoparticles for enhanced methanol electrooxidation. <i>Journal of Alloys and Compounds</i> , 2019, 793, 635-645.	2.8	23
13	Pt Pd nanoparticles supported on sulfonated nitrogen sulfur co-doped graphene for methanol electro-oxidation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15931-15940.	3.8	20
14	Electrodeposition of platinum nanoparticles on polypyrrole-functionalized graphene. <i>Journal of Materials Science</i> , 2013, 48, 2566-2573.	1.7	19
15	A green approach for assembling graphene films on different carbon-based substrates and their electrocatalysis toward nitrite. <i>RSC Advances</i> , 2015, 5, 36707-36714.	1.7	16
16	A Novel Sensitive Electrochemical Sensor for the Simultaneous Determination of Hydroquinone and Catechol using Tryptophan-Functionalized Graphene. <i>Analytical Letters</i> , 2015, 48, 1426-1436.	1.0	15
17	Phase transformation-controlled synthesis of CuO nanostructures and their application as an improved material in a carbon-based modified electrode. <i>RSC Advances</i> , 2016, 6, 12829-12836.	1.7	12
18	Simple synthesis of the Au-GQDs@AgPt Yolk-shell nanostructures electrocatalyst for enhancing the methanol oxidation. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155056.	2.8	12

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19	Synthesis of three-dimensional Au-graphene quantum dots@Pt core-shell dendritic nanoparticles for enhanced methanol electro-oxidation. <i>Nanotechnology</i> , 2019, 30, 495706.	1.3	11
20	Controllable Electrodeposition of Platinum Nanoparticles on Graphene Nanosheet for Methanol Oxidation Reaction. <i>Journal of Cluster Science</i> , 2013, 24, 739-748.	1.7	6
21	Photothermometric analysis of bismuth ions using aggregation-induced nanozyme system with a target-triggered surface cleaning effect. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3655-3665.	1.9	6
22	Facile synthesis of AgPt nano-pompons for efficient methanol oxidation: Morphology control and DFT study on stability enhancement. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 108, 456-465.	2.9	6
23	A Novel Method to Remove Self-Assembled Monolayer of Porphyrin from the Gold Surface by Cyclic Voltammetry. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 1521-1529.	1.4	1