

# Zonghua Wang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9162858/zonghua-wang-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

64  
papers

5,533  
citations

34  
h-index

64  
g-index

64  
ext. papers

6,056  
ext. citations

5.9  
avg, IF

5.3  
L-index

#	Paper	IF	Citations
64	Preparation of chitosan-modified magnetic Schiff base network composite nanospheres for effective enrichment and detection of hippuric acid and 4-methyl hippuric acid. <i>Journal of Chromatography A</i> , <b>2021</b> , 1652, 462373	4.5	2
63	Ultrasonic-assisted fabrication and release kinetics of two model redox-responsive magnetic microcapsules for hydrophobic drug delivery. <i>Ultrasonics Sonochemistry</i> , <b>2019</b> , 57, 223-232	8.9	18
62	Highly dispersed ultrafine Pt nanoparticles on nickel-cobalt layered double hydroxide nanoarray for enhanced electrocatalytic methanol oxidation. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 16302-16310 <sup>23</sup>	6.7	23
61	CoDeoxy-Liquefaction of Macroalgae and Lignocellulosic Biomass for Production of High Quality Liquid Oil. <i>ChemistrySelect</i> , <b>2017</b> , 2, 1820-1824	1.8	1
60	High performance agar/graphene oxide composite aerogel for methylene blue removal. <i>Carbohydrate Polymers</i> , <b>2017</b> , 155, 345-353	10.3	188
59	Label-free quadruple signal amplification strategy for sensitive electrochemical p53 gene biosensing. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 157-63	11.8	21
58	Phosphomolybdic acid functionalized graphene loading copper nanoparticles modified electrodes for non-enzymatic electrochemical sensing of glucose. <i>Analytica Chimica Acta</i> , <b>2016</b> , 934, 44-51	6.6	29
57	Facile preparation of PtPdPt/graphene nanocomposites with ultrahigh electrocatalytic performance for methanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 761, 55-61	4.1	30
56	Facile synthesis of PtPdPt nanocatalysts for methanol oxidation in alkaline solution. <i>Electrochimica Acta</i> , <b>2016</b> , 192, 400-406	6.7	24
55	Molecularly imprinted electrochemical biosensor based on chitosan/ionic liquid/graphene composites modified electrode for determination of bovine serum albumin. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 225, 305-311	8.5	83
54	Removal of methylene blue from water by cellulose/graphene oxide fibres. <i>Journal of Experimental Nanoscience</i> , <b>2016</b> , 11, 1156-1170	1.9	49
53	Density functional study of organocatalytic mannich-type reactions: Insight into reverse diastereoselectivities arising from catalysts with different scaffolds. <i>International Journal of Quantum Chemistry</i> , <b>2015</b> , 115, 398-405	2.1	1
52	Molecularly imprinted electrochemical sensor based on an electrode modified with an imprinted pyrrole film immobilized on a Cyclodextrin/gold nanoparticles/graphene layer. <i>RSC Advances</i> , <b>2015</b> , 5, 82930-82935	3.7	16
51	Biosorption Behavior of Ciprofloxacin onto <i>Enteromorpha prolifera</i> : Isotherm and Kinetic Studies. <i>International Journal of Phytoremediation</i> , <b>2015</b> , 17, 957-61	3.9	11
50	Electrodeposition of PtNi bimetallic nanoparticles on three-dimensional graphene for highly efficient methanol oxidation. <i>RSC Advances</i> , <b>2015</b> , 5, 86578-86583	3.7	17
49	Multiwall carbon nanotubes-poly(diallyldimethylammonium chloride)-graphene hybrid composite film for simultaneous determination of catechol and hydroquinone. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 206, 111-118	8.5	101
48	Fabrication of Stable Ultrathin Transparent Conductive Carbon Nanotube Micropatterns Using Layer-by-Layer Self-Assembly. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2015</b> , 23, 320-325	1.8	6

47	Highly effective removal of basic fuchsin from aqueous solutions by anionic polyacrylamide/graphene oxide aerogels. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 453, 107-114	9.3	66
46	Amphoteric surfactant promoted three-dimensional assembly of graphene micro/nanoclusters to accommodate Pt nanoparticles for methanol oxidation. <i>Electrochimica Acta</i> , <b>2015</b> , 160, 288-295	6.7	35
45	Application of graphene for the SPE clean-up of organophosphorus pesticides residues from apple juices. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 99-105	3.4	52
44	Mechanical and dye adsorption properties of graphene oxide/chitosan composite fibers prepared by wet spinning. <i>Carbohydrate Polymers</i> , <b>2014</b> , 102, 755-61	10.3	125
43	Mixed ionic liquids/graphene-supported platinum nanoparticles as an electrocatalyst for methanol oxidation. <i>Electrochimica Acta</i> , <b>2014</b> , 142, 167-172	6.7	30
42	Series of crystalline beryllium phosphates including new templates generated by in situ N-methylation transformation. <i>CrystEngComm</i> , <b>2014</b> , 16, 3296	3.3	18
41	Deoxy-liquefaction of three different species of macroalgae to high-quality liquid oil. <i>Bioresource Technology</i> , <b>2014</b> , 169, 110-118	11	17
40	Highly enhanced adsorption of congo red onto graphene oxide/chitosan fibers by wet-chemical etching off silica nanoparticles. <i>Chemical Engineering Journal</i> , <b>2014</b> , 245, 99-106	14.7	215
39	Theoretical investigation on the chemo- and stereoselectivities of isoleucine-catalyzed cross-aldol reactions between two enolizable aldehydes involving isobutyraldehyde and contrasts with proline catalysis. <i>Tetrahedron: Asymmetry</i> , <b>2014</b> , 25, 418-428		2
38	An ionic liquid-modified graphene based molecular imprinting electrochemical sensor for sensitive detection of bovine hemoglobin. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 61, 391-6	11.8	101
37	A novel phosphomolybdic acid/polypyrrole/graphene composite modified electrode for sensitive determination of folic acid. <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 726, 107-111	4.1	25
36	Facile preparation of a Pt/Prussian blue/graphene composite and its application as an enhanced catalyst for methanol oxidation. <i>Electrochimica Acta</i> , <b>2014</b> , 121, 245-252	6.7	34
35	Defluoridation from aqueous solution by manganese oxide coated graphene oxide. <i>Journal of Fluorine Chemistry</i> , <b>2013</b> , 148, 67-73	2.1	44
34	Synthesis of strongly green-photoluminescent graphene quantum dots for drug carrier. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 112, 192-6	6	79
33	Adsorption of ciprofloxacin onto biocomposite fibers of graphene oxide/calcium alginate. <i>Chemical Engineering Journal</i> , <b>2013</b> , 230, 389-395	14.7	158
32	Conversion of <i>Enteromorpha prolifera</i> to high-quality liquid oil via deoxy-liquefaction. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2013</b> , 104, 494-501	6	24
31	Graphene as an efficient sorbent for the SPE of organochlorine pesticides in water samples coupled with GC-MS. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 3586-91	3.4	35
30	Fabrication and characterization of a zirconia/multi-walled carbon nanotube mesoporous composite. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 3931-4	8.3	9

29	Platinum/graphene functionalized by PDDA as a novel enzyme carrier for hydrogen peroxide biosensor. <i>Analytical Methods</i> , <b>2013</b> , 5, 483-488	3.2	13
28	In situ template generation via N-alkylation in the syntheses of open-framework zinc phosphites and phosphate. <i>Dalton Transactions</i> , <b>2013</b> , 42, 13084-91	4.3	27
27	Comparative study of methylene blue dye adsorption onto activated carbon, graphene oxide, and carbon nanotubes. <i>Chemical Engineering Research and Design</i> , <b>2013</b> , 91, 361-368	5.5	594
26	The direct syn-aldol and anti-Mannich reactions catalyzed by axially chiral amino sulfonamide and contrasts with proline catalysis: Insight from a computational study. <i>Computational and Theoretical Chemistry</i> , <b>2013</b> , 1018, 77-84	2	4
25	Fabrication and characterization of a triple functionalization of graphene oxide with Fe <sub>3</sub> O <sub>4</sub> , folic acid and doxorubicin as dual-targeted drug nanocarrier. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 106, 60-5	6	81
24	Methylene blue adsorption on graphene oxide/calcium alginate composites. <i>Carbohydrate Polymers</i> , <b>2013</b> , 95, 501-7	10.3	330
23	Density functional study of organocatalytic cross-aldol reactions between two aliphatic aldehydes: insight into their functional differentiation and origins of chemo- and stereoselectivities. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 2862-72	2.8	13
22	A Novel Method for Bisphenol A Analysis in Dairy Products Using Graphene as an Adsorbent for Solid Phase Extraction Followed by Ion Chromatography. <i>Food Analytical Methods</i> , <b>2013</b> , 6, 1537-1543	3.4	15
21	Graphene-based solid-phase extraction disk for fast separation and preconcentration of trace polycyclic aromatic hydrocarbons from environmental water samples. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 1834-42	3.4	83
20	Adsorption Properties of Doxorubicin Hydrochloride onto Graphene Oxide: Equilibrium, Kinetic and Thermodynamic Studies. <i>Materials</i> , <b>2013</b> , 6, 2026-2042	3.5	111
19	Equilibrium, kinetic and thermodynamic studies on the adsorption of phenol onto graphene. <i>Materials Research Bulletin</i> , <b>2012</b> , 47, 1898-1904	5.1	157
18	The fabrication of poly (acridine orange)/graphene modified electrode with electrolysis micelle disruption method for selective determination of uric acid. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 161, 131-136	8.5	45
17	Facile and tunable fabrication of Fe <sub>3</sub> O <sub>4</sub> /graphene oxide nanocomposites and their application in the magnetic solid-phase extraction of polycyclic aromatic hydrocarbons from environmental water samples. <i>Talanta</i> , <b>2012</b> , 101, 388-95	6.2	297
16	Synthesis and characterization of glycyrrhizin-decorated graphene oxide for hepatocyte-targeted delivery. <i>Comptes Rendus Chimie</i> , <b>2012</b> , 15, 708-713	2.7	6
15	A simplistic one-pot method to produce magnetic graphene-CdS nanocomposites. <i>Comptes Rendus Chimie</i> , <b>2012</b> , 15, 714-718	2.7	6
14	Adsorption of methylene blue from aqueous solution by graphene. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2012</b> , 90, 197-203	6	530
13	Preparation of activated carbon from <i>Enteromorpha prolifera</i> and its use on cationic red X-GRL removal. <i>Applied Surface Science</i> , <b>2011</b> , 257, 10621-10627	6.7	52
12	Adsorption of fluoride from aqueous solution by graphene. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 363, 348-54	9.3	226

11	A Selective Voltammetric Method for Detecting Dopamine at Quercetin Modified Electrode Incorporating Graphene. <i>Electroanalysis</i> , <b>2011</b> , 23, 2463-2471	3	35
10	Determination of hippuric acid in human urine by ion chromatography with conductivity detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 296-302	3.2	17
9	Removal of copper from aqueous solution by carbon nanotube/calcium alginate composites. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 177, 876-80	12.8	240
8	Removal of lead from aqueous solution by activated carbon prepared from <i>Enteromorpha prolifera</i> by zinc chloride activation. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 183, 583-9	12.8	158
7	Study of a novel chromogenic system of Mn <sup>2+</sup> /fluorone-carbon nanotubes. <i>Materials Science and Engineering C</i> , <b>2009</b> , 29, 341-345	8.3	1
6	β-Cyclodextrin incorporated carbon nanotubes-modified electrodes for simultaneous determination of adenine and guanine. <i>Journal of Electroanalytical Chemistry</i> , <b>2006</b> , 589, 237-242	4.1	166
5	Electrocatalytic and Analytical Response of β-Cyclodextrin Incorporated Carbon Nanotubes-Modified Electrodes Toward Guanine. <i>Electroanalysis</i> , <b>2005</b> , 17, 2057-2061	3	19
4	The Electrocatalytic Oxidation of Thymine at β-Cyclodextrin Incorporated Carbon Nanotube-Coated Electrode. <i>Electroanalysis</i> , <b>2003</b> , 15, 1129-1133	3	43
3	Carbon nanotubes as separation carrier in capillary electrophoresis. <i>Electrophoresis</i> , <b>2003</b> , 24, 4181-8	3.6	87
2	A selective voltammetric method for uric acid detection at beta-cyclodextrin modified electrode incorporating carbon nanotubes. <i>Analyst, The</i> , <b>2002</b> , 127, 1353-8	5	93
1	Carbon nanotube-modified electrodes for the simultaneous determination of dopamine and ascorbic acid. <i>Analyst, The</i> , <b>2002</b> , 127, 653-8	5	395