

# Hao Cheng

## List of Publications by Year in descending order

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37  
papers

645  
citations

623734

14  
h-index

610901

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37  
docs citations

37  
times ranked

623  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive and selective electrochemical determination of uric acid in urine based on ultrasmall iron oxide nanoparticles decorated urchin-like nitrogen-doped carbon. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 216, 112538.	5.0	99
2	Facile Synthesis of Co <sub>9</sub> S <sub>8</sub> Nanocages as an Electrochemical Sensor for Luteolin Detection. <i>Journal of the Electrochemical Society</i> , 2021, 168, 087504.	2.9	61
3	A compatible polymer acceptor enables efficient and stable organic solar cells as a solid additive. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17706-17712.	10.3	51
4	Efficient degradation of rhodamine B by magnetically separable ZnS@ZnFe <sub>2</sub> O <sub>4</sub> composite with the synergistic effect from persulfate. <i>Chemosphere</i> , 2019, 237, 124547.	8.2	42
5	Visible-light-driven activation of sodium persulfate for accelerating orange II degradation using ZnMn <sub>2</sub> O <sub>4</sub> photocatalyst. <i>Chemosphere</i> , 2021, 278, 130404.	8.2	36
6	Antiviral activity of <i>Illicium verum</i> Hook. f. extracts against grouper iridovirus infection. <i>Journal of Fish Diseases</i> , 2020, 43, 531-540.	1.9	31
7	Degradation of dye in wastewater by Homogeneous Fe(VI)/NaHSO <sub>3</sub> system. <i>Chemosphere</i> , 2019, 228, 595-601.	8.2	30
8	A magnetic SERS immunosensor for highly sensitive and selective detection of human carboxylesterase 1 in human serum samples. <i>Analytica Chimica Acta</i> , 2020, 1097, 176-185.	5.4	30
9	Electrochemical Behavior and Sensitive Determination of L-Tyrosine with a Gold Nanoparticles Modified Glassy Carbon Electrode. <i>Analytical Sciences</i> , 2009, 25, 1221-1225.	1.6	29
10	Heterogeneous activation of persulfate by Mg doped Ni(OH) <sub>2</sub> for efficient degradation of phenol. <i>Chemosphere</i> , 2022, 286, 131647.	8.2	29
11	Bifunctional polyaniline electroconductive hydrogels with applications in supercapacitor and wearable strain sensors. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 938-953.	3.5	23
12	Preparation, characterization and properties of an organic siloxane-modified cassava starch-based wood adhesive. <i>Journal of Adhesion</i> , 2018, 94, 278-293.	3.0	17
13	Fabrication of Titanium Dioxide/Carbon Fiber (TiO <sub>2</sub> /CF) Composites for Removal of Methylene Blue (MB) from Aqueous Solution with Enhanced Photocatalytic Activity. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	1.9	17
14	SERS-ELISA determination of human carboxylesterase 1 using metal-organic framework doped with gold nanoparticles as SERS substrate. <i>Mikrochimica Acta</i> , 2021, 188, 280.	5.0	17
15	Specific Aptamer-Based Probe for Analyzing Biomarker MCP Entry Into Singapore Grouper Iridovirus-Infected Host Cells via Clathrin-Mediated Endocytosis. <i>Frontiers in Microbiology</i> , 2020, 11, 1206.	3.5	14
16	TiO <sub>2</sub> /PANI/Graphene@PVA Hydrogel for Recyclable and Highly Efficient Photo-Electrocatalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 10033-10043.	3.7	14
17	The synthesis of ultrasmall ZnO@PEG nanoparticles and its fluorescence properties. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 74, 718-725.	2.4	13
18	Electrochemiluminescence Sensor Based on Electrospun Three-Dimensional Carbon Nanofibers for the Detection of Difendol Hydrochloride. <i>Sensors</i> , 2019, 19, 3315.	3.8	11

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19	Glycosyl/MOF-5-based carbon nanofibers for highly sensitive detection of anti-bacterial drug quercetin. <i>Surfaces and Interfaces</i> , 2021, 27, 101488.	3.0	11
20	Electrospun Nanofibers with High Specific Surface Area to Prepare Modified Electrodes for Electrochemiluminescence Detection of Azithromycin. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-10.	2.7	10
21	A facile fabrication of a hierarchical ZIF-8/MWCNT nanocomposite for the sensitive determination of rutin. <i>Analytical Methods</i> , 2021, 13, 5450-5457.	2.7	10
22	An antifouling electrochemical aptasensor based on hyaluronic acid functionalized polydopamine for thrombin detection in human serum. <i>Bioelectrochemistry</i> , 2022, 145, 108073.	4.6	10
23	Methyl 2,2-difluoro-(Fluorosulfonyl) Acetate as a Novel Electrolyte Additive for High Voltage LiCoO <sub>2</sub> /Graphite Pouch Li-ion Cells. <i>Energy Technology</i> , 2020, 8, 1901277.	3.8	7
24	Essential Oil Composition of the Leaves of <i>Oxalis corniculata</i> from China. <i>Chemistry of Natural Compounds</i> , 2018, 54, 380-381.	0.8	6
25	Determining three isoflavones from <i>Pueraria lobata</i> using magnetic ZIF-8 nanoparticle-based solid-phase extraction and pressurized capillary electrochromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 212, 114592.	2.8	6
26	Preparation and Application of Electrochemiluminescence Sensor by Immobilizing Tris(2,2,2-trifluoroethyl)phosphine oxide on Nano-Au/PVP-cysteine. <i>Electrochemistry</i> , 2015, 83, 155-160.	1.4	5
27	Amino-acid and mineral composition of the seeds of <i>Euryale ferox</i> . <i>Chemistry of Natural Compounds</i> , 2011, 47, 490-491.	0.8	4
28	A novel electrochemiluminescence sensor for the determination of diphenidol based on a nano-TiO <sub>2</sub> /silica sol/PVP/Ru(bpy) <sub>3</sub> <sup>2+</sup> modified gold electrode. <i>New Journal of Chemistry</i> , 2015, 39, 2997-3003.	2.8	4
29	Improved electrochemical performance of ZnMn <sub>2</sub> O <sub>4</sub> /CuO composite as cathode materials for aqueous zinc-ion batteries. <i>Ionics</i> , 2021, 27, 4783-4792.	2.4	3
30	Hydrothermal synthesis of In <sub>2</sub> O <sub>3</sub> @ZnO nanocomposite and their enhanced photocatalytic properties. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	2
31	Activation of Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> by Fe <sub>2</sub> O <sub>3</sub> /CuS composite oxides for the degradation of Orange II under visible light irradiation. <i>New Journal of Chemistry</i> , 2022, 46, 4272-4282.	2.8	2
32	Separation and determination of six catechins in tea by pressurized capillary electrochromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 393-401.	1.0	1
33	Essential Oil Composition of the Flowers of <i>Plumeria rubra</i> cv. <i>acutifolia</i> from China. <i>Chemistry of Natural Compounds</i> , 2016, 52, 154-154.	0.8	0
34	Expression of <i>Aspergillus niger</i> N5-5 in <i>E. coli</i> and purification and identification of products. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1842-1848.	3.8	0
35	Highly sensitive detection of venlafaxine by Ru(bpy) <sub>3</sub> <sup>2+</sup> electrochemiluminescence. <i>WIT Transactions on the Built Environment</i> , 2014, , .	0.0	0
36	Fabrication and corrosion resistance research of stearic acid-doped silane composite passivation film on electrolytic manganese. <i>Corrosion Engineering Science and Technology</i> , 2022, 57, 290-300.	1.4	0

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37	Electrochemiluminescence sensor based on Electrospun Crosslinked Carbon Nanofibers for the Detection of Difenidol Hydrochloride. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, .	1.1	0