Hao Cheng

List of Publications by Year
in descending order

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37 papers	645 citations	623734 14 h-index	610901 24 g-index
37 all docs	37 docs citations	37 times ranked	623 citing authors

#	Article	IF	Citations
1	Heterogeneous activation of persulfate by Mg doped Ni(OH)2 for efficient degradation of phenol. Chemosphere, 2022, 286, 131647.	8.2	29
2	An antifouling electrochemical aptasensor based on hyaluronic acid functionalized polydopamine for thrombin detection in human serum. Bioelectrochemistry, 2022, 145, 108073.	4.6	10
3	Hydrothermal synthesis of In2O3â€“ZnO nanocomposite and their enhanced photocatalytic properties. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	2
4	Determining three isoflavones from Pueraria lobata using magnetic ZIF-8 nanoparticle-based solid-phase extraction and pressurized capillary electrochromatography. Journal of Pharmaceutical and Biomedical Analysis, 2022, 212, 114592.	2.8	6
5	Activation of Na₂S₂O₈ by Î±-Fe₂O₃/CuS composite oxides for the degradation of Orange II under visible light irradiation. New Journal of Chemistry, 2022, 46, 4272-4282.	2.8	2
6	Fabrication and corrosion resistance research of stearic acid-doped silane composite passivation film on electrolytic manganese. Corrosion Engineering Science and Technology, 2022, 57, 290-300.	1.4	0
7	Sensitive and selective electrochemical determination of uric acid in urine based on ultrasmall iron oxide nanoparticles decorated urchin-like nitrogen-doped carbon. Colloids and Surfaces B: Biointerfaces, 2022, 216, 112538.	5.0	99
8	Electrochemiluminescence sensor based on Electrospun Crosslinked Carbon Nanofibers for the Detection of Difenidol Hydrochloride. Combinatorial Chemistry and High Throughput Screening, 2022, 25, .	1.1	0
9	Fabrication of Titanium Dioxide/Carbon Fiber (TiO2/CF) Composites for Removal of Methylene Blue (MB) from Aqueous Solution with Enhanced Photocatalytic Activity. Journal of Chemistry, 2021, 2021, 1-11.	1.9	17
10	Electrospun Nanofibers with High Specific Surface Area to Prepare Modified Electrodes for Electrochemiluminescence Detection of Azithromycin. Journal of Nanomaterials, 2021, 2021, 1-10.	2.7	10
11	SERS-ELISA determination of human carboxylesterase 1 using metal-organic framework doped with gold nanoparticles as SERS substrate. Mikrochimica Acta, 2021, 188, 280.	5.0	17
12	TiO₂/PANI/Grapheneâ€“PVA Hydrogel for Recyclable and Highly Efficient Photo-Electrocatalysts. Industrial & Engineering Chemistry Research, 2021, 60, 10033-10043.	3.7	14
13	Improved electrochemical performance of ZnMn2O4/CuO composite as cathode materials for aqueous zinc-ion batteries. Ionics, 2021, 27, 4783-4792.	2.4	3
14	Facile Synthesis of Co₉S₈ Nanocages as an Electrochemical Sensor for Luteolin Detection. Journal of the Electrochemical Society, 2021, 168, 087504.	2.9	61
15	Visible-light-driven activation of sodium persulfate for accelerating orange II degradation using ZnMn2O4 photocatalyst. Chemosphere, 2021, 278, 130404.	8.2	36
16	Glycosyl/MOF-5-based carbon nanofibers for highly sensitive detection of anti-bacterial drug quercetin. Surfaces and Interfaces, 2021, 27, 101488.	3.0	11
17	A facile fabrication of a hierarchical ZIF-8/MWCNT nanocomposite for the sensitive determination of rutin. Analytical Methods, 2021, 13, 5450-5457.	2.7	10
18	A magnetic SERS immunosensor for highly sensitive and selective detection of human carboxylesterase 1 in human serum samples. Analytica Chimica Acta, 2020, 1097, 176-185.	5.4	30

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19	A compatible polymer acceptor enables efficient and stable organic solar cells as a solid additive. Journal of Materials Chemistry A, 2020, 8, 17706-17712.	10.3	51
20	Specific Aptamer-Based Probe for Analyzing Biomarker MCP Entry Into Singapore Grouper Iridovirus-Infected Host Cells via Clathrin-Mediated Endocytosis. Frontiers in Microbiology, 2020, 11, 1206.	3.5	14
21	Antiviral activity of Illicium verum Hook. f. extracts against grouper iridovirus infection. Journal of Fish Diseases, 2020, 43, 531-540.	1.9	31
22	Bifunctional polyaniline electroconductive hydrogels with applications in supercapacitor and wearable strain sensors. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 938-953.	3.5	23
23	Methyl 2,2â€Difluoroâ€2â€(Fluorosulfonyl) Acetate as a Novel Electrolyte Additive for Highâ€Voltage LiCoO₂/Graphite Pouch Liâ€ion Cells. Energy Technology, 2020, 8, 1901277.	3.8	7
24	Efficient degradation of rhodamine B by magnetically separable ZnSâ€“ZnFe2O4 composite with the synergistic effect from persulfate. Chemosphere, 2019, 237, 124547.	8.2	42
25	Electrochemiluminescence Sensor Based on Electrospun Three-Dimensional Carbon Nanofibers for the Detection of Difenidol Hydrochloride. Sensors, 2019, 19, 3315.	3.8	11
26	Separation and determination of six catechins in tea by pressurized capillary electrochromatography. Journal of Liquid Chromatography and Related Technologies, 2019, 42, 393-401.	1.0	1
27	Degradation of dye in wastewater by Homogeneous Fe(VI)/NaHSO3 system. Chemosphere, 2019, 228, 595-601.	8.2	30
28	Essential Oil Composition of the Leaves of Oxalis corniculata from China. Chemistry of Natural Compounds, 2018, 54, 380-381.	0.8	6
29	Preparation, characterization and properties of an organic siloxane-modified cassava starch-based wood adhesive. Journal of Adhesion, 2018, 94, 278-293.	3.0	17
30	Expression of Aspergillus niger N5-5 in E. coli and purification and identification of products. Saudi Journal of Biological Sciences, 2017, 24, 1842-1848.	3.8	0
31	Essential Oil Composition of the Flowers of Plumeria rubra cv. acutifolia from China. Chemistry of Natural Compounds, 2016, 52, 154-154.	0.8	0
32	A novel electrochemiluminescence sensor for the determination of diphenidol based on a nano-TiO₂/silica sol/PVP/Ru(bpy)₃²⁺ modified gold electrode. New Journal of Chemistry, 2015, 39, 2997-3003.	2.8	4
33	The synthesis of ultrasmall ZnO@PEG nanoparticles and its fluorescence properties. Journal of Sol-Gel Science and Technology, 2015, 74, 718-725.	2.4	13
34	Preparation and Application of Electrochemiluminescence Sensor by Immobilizing Tris(2,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (sol/Nano-Au/PVP/L-cysteine. Electrochemistry, 2015, 83, 155-160.	1.4	5
35	Highly sensitive detection of venlafaxine by Ru(bpy)₃²⁺electrochemiluminescence. WIT Transactions on the Built Environment, 2014, , .	0.0	0
36	Amino-acid and mineral composition of the seeds of Euryale ferox. Chemistry of Natural Compounds, 2011, 47, 490-491.	0.8	4

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37	Electrochemical Behavior and Sensitive Determination of l-Tyrosine with a Gold Nanoparticles Modified Glassy Carbon Electrode. Analytical Sciences, 2009, 25, 1221-1225.	1.6	29