

Cheng Dan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Cu-MOF-199/single-walled carbon nanotubes modified electrode for simultaneous determination of hydroquinone and catechol with extended linear ranges and lower detection limits. <i>Analytica Chimica Acta</i> , 2015, 899, 57-65.	5.4	141
2	Studies on CdSe/cysteine Quantum Dots Synthesized in Aqueous Solution for Biological Labeling. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7670-7676.	3.1	88
3	Synthesis and adsorption properties of magnetic resin microbeads with amine and mercaptan as chelating groups. <i>Journal of Applied Polymer Science</i> , 2001, 82, 1587-1592.	2.6	56
4	The Simultaneous Electrochemical Detection of Catechol and Hydroquinone with [Cu(Sal- i^2 -Ala)(3,5-DMPz) $_2$]/SWCNTs/GCE. <i>Sensors</i> , 2014, 14, 22274-22284.	3.8	52
5	Simultaneous determination of ascorbic acid, dopamine and uric acid using a glassy carbon electrode modified with the nickel(II)-bis(1,10-phenanthroline) complex and single-walled carbon nanotubes. <i>Mikrochimica Acta</i> , 2016, 183, 1401-1408.	5.0	46
6	Toxicity of aromatic compounds to <i>Tetrahymena</i> estimated by microcalorimetry and QSAR. <i>Aquatic Toxicology</i> , 2010, 98, 322-327.	4.0	44
7	A simple modified electrode based on MIL-53(Fe) for the highly sensitive detection of hydrogen peroxide and nitrite. <i>Analytical Methods</i> , 2017, 9, 2082-2088.	2.7	35
8	Single-walled carbon nanotubes-co-carboxyl-functionalized graphene oxide-based electrochemical DNA biosensor for thermolabile hemolysin gene detection. <i>Analytical Methods</i> , 2015, 7, 5303-5310.	2.7	29
9	One-step synthesis of structure controlled vinyl functionalized hollow mesoporous silica nanospheres. <i>New Journal of Chemistry</i> , 2015, 39, 287-294.	2.8	20
10	[Cu(phen) $_2$] $^{2+}$ acts as electrochemical indicator and anchor to immobilize probe DNA in electrochemical DNA biosensor. <i>Analytical Biochemistry</i> , 2016, 492, 56-62.	2.4	20
11	Synthesis of MOF-74-derived carbon/ZnCo $_2$ O $_4$ nanoparticles@CNT-nest hybrid material and its application in lithium ion batteries. <i>Journal of Applied Electrochemistry</i> , 2019, 49, 1103-1112.	2.9	20
12	The impacts of nitrogen doping on the electrochemical hydrogen storage in a carbon. <i>International Journal of Energy Research</i> , 2021, 45, 9326-9339.	4.5	20
13	Facile synthesis of hierarchical porous carbon derived from carboxyl graphene oxide/phenolic foam for high performance supercapacitors. <i>RSC Advances</i> , 2017, 7, 43965-43977.	3.6	18
14	A glassy carbon electrode modified with the nickel(II)-bis(1,10-phenanthroline) complex and multi-walled carbon nanotubes, and its use as a sensor for ascorbic acid. <i>Mikrochimica Acta</i> , 2013, 180, 1309-1316.	5.0	17
15	The synthesis and adsorption performance of polyamine Cu $^{2+}$ imprinted polymer for selective removal of Cu $^{2+}$. <i>Polymer Bulletin</i> , 2017, 74, 3487-3504.	3.3	16
16	Highly efficient electrochemical detection of lead ion using metal-organic framework and graphene as platform based on DNAzyme. <i>Synthetic Metals</i> , 2019, 254, 164-171.	3.9	16
17	Joint toxicity of heavy metals and chlorobenzenes to pyriformis <i>Tetrahymena</i> . <i>Chemosphere</i> , 2014, 104, 177-183.	8.2	14
18	Isothermal Titration Calorimetry in the Student Laboratory. <i>Journal of Chemical Education</i> , 2011, 88, 101-105.	2.3	12

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19	Aggregation prevention: reduction of graphene oxide in mixed medium of alkylphenol polyoxyethylene (7) ether and 2-methoxyethanol. RSC Advances, 2018, 8, 39140-39148.	3.6	12
20	Porous cobalt oxides/carbon foam hybrid materials for high supercapacitive performance. Journal of Colloid and Interface Science, 2019, 542, 102-111.	9.4	12
21	Fabrication of Z-scheme Bi ₅ O ₇ I/MIL-53(Fe) hybrid with improved photocatalytic performance under visible light irradiation. Journal of Materials Science: Materials in Electronics, 2020, 31, 4822-4835.	2.2	11
22	A Simple Rate Law Experiment Using a Custom-Built Isothermal Heat Conduction Calorimeter. Journal of Chemical Education, 2008, 85, 112.	2.3	10
23	The action of norfloxacin complexes on Tetrahymena investigated by microcalorimetry. Journal of Thermal Analysis and Calorimetry, 2012, 109, 433-439.	3.6	8
24	Preparation and characterization of a novel nanocomposite particles via in situ emulsion polymerization of vinyl functionalized silica nanoparticles and vinyl acetate. Journal of Sol-Gel Science and Technology, 2013, 68, 54-59.	2.4	7
25	Preparation of Ag-doped Bi ₅ O ₇ I composites with enhanced visible-light-induced photocatalytic performance. Research on Chemical Intermediates, 2019, 45, 2797-2809.	2.7	7
26	The toxicity of binary mixture of Cu (II) ion and phenols on Tetrahymena thermophila. Ecotoxicology and Environmental Safety, 2015, 113, 412-417.	6.0	6
27	Electrochemically reduced graphene oxide as modified electrode material for determination of dihydroxybenzenes. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 1220-1224.	1.0	6
28	Coralline-like CoP ₃ @Cu as an efficient electrocatalyst for the hydrogen evolution reaction in acidic and alkaline solutions. New Journal of Chemistry, 2020, 44, 18601-18607.	2.8	6
29	A sandwich-type photoelectrochemical aptasensor using Au/BiVO ₄ and CdS quantum dots for carcinoembryonic antigen assay. Analyst, The, 2021, 146, 5904-5912.	3.5	6
30	Action of the Selenomorpholine Compounds on the Bacterium Growth by Microcalorimetry. Chinese Journal of Chemistry, 2010, 20, 829-833.	4.9	5
31	Ultrasensitive electrochemical sensor for mercury ion detection based on molybdenum selenide and Au nanoparticles <i>via</i> thymineâ€“Hg ²⁺ â€“thymine coordination. Analytical Methods, 2022, 14, 278-285.	2.7	5
32	Cu(II) complex /multiwall carbon nanotube modified electrode for the determination of ascorbic acid. Journal Wuhan University of Technology, Materials Science Edition, 2015, 30, 412-415.	1.0	4
33	Thermokinetic studies of the groups on TiO ₂ surface. Surface and Interface Analysis, 2009, 41, 394-398.	1.8	3
34	Study of Thermokinetic Properties of Sodium Selenite on <i>Bacillus thuringiensis</i> Cry B by Microcalorimetry. Chinese Journal of Chemistry, 2001, 19, 562-565.	4.9	2
35	Thermodynamic Studies of Electrostatic Selfâ€“assembly of Poly Diallyldimethylammonium Chloride on Proton Exchange Membrane. Chinese Journal of Chemistry, 2008, 26, 1215-1218.	4.9	1
36	Combination of Silica Sol and Potassium Silicate via Isothermal Heat Conduction Microcalorimetry. Chinese Journal of Chemistry, 2011, 29, 356-362.	4.9	1

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37	Hydrogen ion supercapacitor cell construction and rational design of cell structure. International Journal of Energy Research, 2019, 43, 8439.	4.5	1