

Cheng Dan

List of Publications by Year in descending order

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37
papers

777
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1187
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#	ARTICLE	IF	CITATIONS
1	Ultrasensitive electrochemical sensor for mercury ion detection based on molybdenum selenide and Au nanoparticles <i>via</i> thymineâ€“Hg ²⁺ â€“thymine coordination. <i>Analytical Methods</i> , 2022, 14, 278-285.	1.3	5
2	The impacts of nitrogen doping on the electrochemical hydrogen storage in a carbon. <i>International Journal of Energy Research</i> , 2021, 45, 9326-9339.	2.2	20
3	A sandwich-type photoelectrochemical aptasensor using Au/BiVO ₄ and CdS quantum dots for carcinoembryonic antigen assay. <i>Analyst</i> , 2021, 146, 5904-5912.	1.7	6
4	Coralline-like CoP ₃ @Cu as an efficient electrocatalyst for the hydrogen evolution reaction in acidic and alkaline solutions. <i>New Journal of Chemistry</i> , 2020, 44, 18601-18607.	1.4	6
5	Fabrication of Z-scheme Bi ₅ O ₇ I/MIL-53(Fe) hybrid with improved photocatalytic performance under visible light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 4822-4835.	1.1	11
6	Hydrogen ion supercapacitor cell construction and rational design of cell structure. <i>International Journal of Energy Research</i> , 2019, 43, 8439.	2.2	1
7	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.	1.5	20
8	Porous cobalt oxides/carbon foam hybrid materials for high supercapacitive performance. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 102-111.	5.0	12
9	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.	2.1	16
10	Preparation of Ag-doped Bi ₅ O ₇ I composites with enhanced visible-light-induced photocatalytic performance. <i>Research on Chemical Intermediates</i> , 2019, 45, 2797-2809.	1.3	7
11	Aggregation prevention: reduction of graphene oxide in mixed medium of alkylphenol polyoxyethylene (7) ether and 2-methoxyethanol. <i>RSC Advances</i> , 2018, 8, 39140-39148.	1.7	12
12	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.	1.7	16
13	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.	1.3	35
14	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.	1.7	18
15	Electrochemically reduced graphene oxide as modified electrode material for determination of dihydroxybenzenes. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2017, 32, 1220-1224.	0.4	6
16	[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.	1.1	20
17	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.	2.5	46
18	Single-walled carbon nanotubesâ€“carboxyl-functionalized graphene oxide-based electrochemical DNA biosensor for thermolabile hemolysin gene detection. <i>Analytical Methods</i> , 2015, 7, 5303-5310.	1.3	29

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19	The toxicity of binary mixture of Cu (II) ion and phenols on <i>Tetrahymena thermophila</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 412-417.	2.9	6
20	One-step synthesis of structure controlled vinyl functionalized hollow mesoporous silica nanospheres. <i>New Journal of Chemistry</i> , 2015, 39, 287-294.	1.4	20
21	Cu(II) complex /multiwall carbon nanotube modified electrode for the determination of ascorbic acid. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015, 30, 412-415.	0.4	4
22	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.	2.6	141
23	The Simultaneous Electrochemical Detection of Catechol and Hydroquinone with [Cu(Sal-1 ² -Ala)(3,5-DMPz) ₂]/SWCNTs/GCE. <i>Sensors</i> , 2014, 14, 22274-22284.	2.1	52
24	Joint toxicity of heavy metals and chlorobenzenes to pyriformis <i>Tetrahymena</i> . <i>Chemosphere</i> , 2014, 104, 177-183.	4.2	14
25	Preparation and characterization of a novel nanocomposite particles via in situ emulsion polymerization of vinyl functionalized silica nanoparticles and vinyl acetate. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 68, 54-59.	1.1	7
26	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.	2.5	17
27	The action of norfloxacin complexes on <i>Tetrahymena</i> investigated by microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 433-439.	2.0	8
28	Isothermal Titration Calorimetry in the Student Laboratory. <i>Journal of Chemical Education</i> , 2011, 88, 101-105.	1.1	12
29	Combination of Silica Sol and Potassium Silicate via Isothermal Heat Conduction Microcalorimetry. <i>Chinese Journal of Chemistry</i> , 2011, 29, 356-362.	2.6	1
30	Action of the Selenomorpholine Compounds on the Bacterium Growth by Microcalorimetry. <i>Chinese Journal of Chemistry</i> , 2010, 20, 829-833.	2.6	5
31	Toxicity of aromatic compounds to <i>Tetrahymena</i> estimated by microcalorimetry and QSAR. <i>Aquatic Toxicology</i> , 2010, 98, 322-327.	1.9	44
32	Thermokinetic studies of the groups on TiO ₂ surface. <i>Surface and Interface Analysis</i> , 2009, 41, 394-398.	0.8	3
33	Studies on CdSe/cysteine Quantum Dots Synthesized in Aqueous Solution for Biological Labeling. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7670-7676.	1.5	88
34	Thermodynamic Studies of Electrostatic Self-Assembly of Poly Diallyldimethylammonium Chloride on Proton Exchange Membrane. <i>Chinese Journal of Chemistry</i> , 2008, 26, 1215-1218.	2.6	1
35	A Simple Rate Law Experiment Using a Custom-Built Isothermal Heat Conduction Calorimeter. <i>Journal of Chemical Education</i> , 2008, 85, 112.	1.1	10
36	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.	1.3	56

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37	Study of Thermokinetic Properties of Sodium Selenite on <i>Bacillus thuringiensis</i> Cry B by Microcalorimetry. Chinese Journal of Chemistry, 2001, 19, 562-565.	2.6	2