

Guofeng Cui

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,274
citations

361413

20
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

1953
citing authors

#	ARTICLE	IF	CITATIONS
1	An in situ Fourier transform infrared spectroelectrochemical study on ethanol electrooxidation on Pd in alkaline solution. <i>Journal of Power Sources</i> , 2010, 195, 1375-1378.	7.8	164
2	Hierarchical bi-continuous Pt decorated nanoporous Au-Sn alloy on carbon fiber paper for ascorbic acid, dopamine and uric acid simultaneous sensing. <i>Biosensors and Bioelectronics</i> , 2019, 124-125, 191-198.	10.1	121
3	First-Principles Considerations on Catalytic Activity of Pd toward Ethanol Oxidation. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15639-15642.	3.1	117
4	Tungsten carbide as supports for Pt electrocatalysts with improved CO tolerance in methanol oxidation. <i>Journal of Power Sources</i> , 2011, 196, 6125-6130.	7.8	115
5	A Flexible Microsupercapacitor with Integral Photocatalytic Fuel Cell for Self-Charging. <i>ACS Nano</i> , 2019, 13, 8246-8255.	14.6	86
6	Stretchable Ni@NiCoP textile for wearable energy storage clothes. <i>Nano Energy</i> , 2019, 55, 506-515.	16.0	79
7	CdS/CeOx heterostructured nanowires for photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4190.	10.3	61
8	Mechanism studies of terpolymerization of phthalic anhydride, propylene epoxide, and carbon dioxide catalyzed by ZnGA. <i>RSC Advances</i> , 2014, 4, 9503-9508.	3.6	52
9	Gold nanoparticle decorated polypyrrole/graphene oxide nanosheets as a modified electrode for simultaneous determination of ascorbic acid, dopamine and uric acid. <i>New Journal of Chemistry</i> , 2020, 44, 4916-4926.	2.8	47
10	Three-dimensional nanoporous Au films as high-efficiency enzyme-free electrochemical sensors. <i>Electrochimica Acta</i> , 2015, 170, 337-342.	5.2	33
11	Nanoporous gold on three-dimensional nickel foam: An efficient hybrid electrode for hydrogen peroxide electroreduction in acid media. <i>Journal of Power Sources</i> , 2014, 269, 461-465.	7.8	32
12	A portable micro glucose sensor based on copper-based nanocomposite structure. <i>New Journal of Chemistry</i> , 2019, 43, 7806-7813.	2.8	32
13	Pd-decorated three-dimensional nanoporous Au/Ni foam composite electrodes for H_2O_2 reduction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16474-16479.	10.3	31
14	Synthesis of Pd on porous hollow carbon spheres as an electrocatalyst for alcohol electrooxidation. <i>RSC Advances</i> , 2011, 1, 191.	3.6	30
15	Manipulating Interfacial Stability Via Absorption-Competition Mechanism for Long-Lifespan Zn Anode. <i>Nano-Micro Letters</i> , 2022, 14, 31.	27.0	30
16	Simultaneous determination of trace Pb(II), Cd(II), and Zn(II) using an integrated three-electrode modified with bismuth film. <i>Microchemical Journal</i> , 2021, 168, 106390.	4.5	28
17	Three-dimensional nanoporous gold-cobalt oxide electrode for high-performance electroreduction of hydrogen peroxide in alkaline medium. <i>Journal of Power Sources</i> , 2015, 294, 136-140.	7.8	26
18	A three-electrode integrated electrochemical platform based on nanoporous gold for the simultaneous determination of hydroquinone and catechol with high selectivity. <i>Analyst</i> , The, 2021, 146, 232-243.	3.5	24

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19	A strategy for fabricating nanoporous gold films through chemical dealloying of electrochemically deposited Au-Sn alloys. <i>Nanotechnology</i> , 2014, 25, 445602.	2.6	21
20	A novel dealloying strategy for fabricating nanoporous silver as an electrocatalyst for hydrogen peroxide detection. <i>Applied Surface Science</i> , 2018, 447, 542-547.	6.1	20
21	Facile Synthesis of Three-Dimensional Ordered Porous Amorphous Ni-P for High-Performance Asymmetric Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2019, 166, D37-D43.	2.9	16
22	Liquid-like Polymer Coating as a Promising Candidate for Reducing Electrode Contamination and Noise in Complex Biofluids. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4450-4462.	8.0	15
23	A Flexible Portable Glucose Sensor Based on Hierarchical Arrays of Au@Cu(OH) ₂ Nanograss. <i>Sensors</i> , 2019, 19, 5055.	3.8	14
24	Visible-Light Photocatalytic Degradation of Aromatic Contaminants with Simultaneous H ₂ Generation: Comparison of 2,4-Dichlorophenoxyacetic Acid and 4-Chlorophenol. <i>Catalysis Letters</i> , 2008, 125, 371-375.	2.6	13
25	Mesoporous Ag nanocubes synthesized via selectively oxidative etching at room temperature for surface-enhanced Raman spectroscopy. <i>Nano Research</i> , 2015, 8, 2351-2362.	10.4	12
26	Three-Dimensional Bi-Continuous Nanoporous Gold/Nickel Foam Supported MnO ₂ for High Performance Supercapacitors. <i>Scientific Reports</i> , 2017, 7, 17857.	3.3	12
27	Thermal Characterization of Low-Dimensional Materials by Resistance Thermometers. <i>Materials</i> , 2019, 12, 1740.	2.9	7
28	Alleviating concentration polarization: a micro three-electrode interdigitated glucose sensor based on nanoporous gold from a mild process. <i>RSC Advances</i> , 2019, 9, 10465-10472.	3.6	7
29	Significant enhancement in the electrochemical determination of 4-aminophenol from nanoporous gold by decorating with a Pd@CeO ₂ composite film. <i>New Journal of Chemistry</i> , 2020, 44, 3087-3096.	2.8	7
30	Hybrid 3D printed integrated microdevice for the determination of copper ions in human body fluids. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4047-4057.	3.7	7
31	Efficient electroless nickel plating from highly active Ni@B nanoparticles for electric circuit patterns on Al ₂ O ₃ ceramics. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5149.	5.5	6
32	A graphene-based electrochemical flow analysis device for simultaneous determination of dopamine, 5-hydroxytryptamine, and melatonin. <i>Analyst</i> , 2022, 147, 1598-1610.	3.5	6
33	Study of a novel fabrication method of 3D Ag-based nanoporous structures for electrochemical detection. <i>Journal of Electroanalytical Chemistry</i> , 2021, 882, 114990.	3.8	3