Guofeng Cui

List of Publications by Year
in descending order

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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	A graphene-based electrochemical flow analysis device for simultaneous determination of dopamine, 5-hydroxytryptamine, and melatonin. Analyst, The, 2022, 147, 1598-1610.	3.5	6
2	Hybrid 3D printed integrated microdevice for the determination of copper ions in human body fluids. Analytical and Bioanalytical Chemistry, 2022, 414, 4047-4057.	3.7	7
3	Manipulating Interfacial Stability Via Absorption-Competition Mechanism for Long-Lifespan Zn Anode. Nano-Micro Letters, 2022, 14, 31.	27.0	30
4	A three-electrode integrated electrochemical platform based on nanoporous gold for the simultaneous determination of hydroquinone and catechol with high selectivity. Analyst, The, 2021, 146, 232-243.	3.5	24
5	Liquid-like Polymer Coating as a Promising Candidate for Reducing Electrode Contamination and Noise in Complex Biofluids. ACS Applied Materials & Interfaces, 2021, 13, 4450-4462.	8.0	15
6	Study of a novel fabrication method of 3D Ag-based nanoporous structures for electrochemical detection. Journal of Electroanalytical Chemistry, 2021, 882, 114990.	3.8	3
7	Simultaneous determination of trace Pb(II), Cd(II), and Zn(II) using an integrated three-electrode modified with bismuth film. Microchemical Journal, 2021, 168, 106390.	4.5	28
8	Gold nanoparticle decorated polypyrrole/graphene oxide nanosheets as a modified electrode for simultaneous determination of ascorbic acid, dopamine and uric acid. New Journal of Chemistry, 2020, 44, 4916-4926.	2.8	47
9	Significant enhancement in the electrochemical determination of 4-aminophenol from nanoporous gold by decorating with a Pd@CeO₂ composite film. New Journal of Chemistry, 2020, 44, 3087-3096.	2.8	7
10	Thermal Characterization of Low-Dimensional Materials by Resistance Thermometers. Materials, 2019, 12, 1740.	2.9	7
11	Facile Synthesis of Three-Dimensional Ordered Porous Amorphous Ni-P for High-Performance Asymmetric Supercapacitors. Journal of the Electrochemical Society, 2019, 166, D37-D43.	2.9	16
12	A Flexible Microsupercapacitor with Integral Photocatalytic Fuel Cell for Self-Charging. ACS Nano, 2019, 13, 8246-8255.	14.6	86
13	A portable micro glucose sensor based on copper-based nanocomposite structure. New Journal of Chemistry, 2019, 43, 7806-7813.	2.8	32
14	Alleviating concentration polarization: a micro three-electrode interdigitated glucose sensor based on nanoporous gold from a mild process. RSC Advances, 2019, 9, 10465-10472.	3.6	7
15	A Flexible Portable Glucose Sensor Based on Hierarchical Arrays of Au@Cu(OH)2 Nanograss. Sensors, 2019, 19, 5055.	3.8	14
16	Stretchable Ni@NiCoP textile for wearable energy storage clothes. Nano Energy, 2019, 55, 506-515.	16.0	79
17	Hierarchical bi-continuous Pt decorated nanoporous Au-Sn alloy on carbon fiber paper for ascorbic acid, dopamine and uric acid simultaneous sensing. Biosensors and Bioelectronics, 2019, 124-125, 191-198.	10.1	121
18	A novel dealloying strategy for fabricating nanoporous silver as an electrocatalyst for hydrogen peroxide detection. Applied Surface Science, 2018, 447, 542-547.	6.1	20

#	Article	IF	Citations
19	Three-Dimensional Bi-Continuous Nanoporous Gold/Nickel Foam Supported MnO2 for High Performance Supercapacitors. Scientific Reports, 2017, 7, 17857.	3.3	12
20	Mesoporous Ag nanocubes synthesized via selectively oxidative etching at room temperature for surface-enhanced Raman spectroscopy. Nano Research, 2015, 8, 2351-2362.	10.4	12
21	Three-dimensional nanoporous goldâ€“cobalt oxide electrode for high-performance electroreduction of hydrogen peroxide in alkaline medium. Journal of Power Sources, 2015, 294, 136-140.	7.8	26
22	Three-dimensional nanoporous Au films as high-efficiency enzyme-free electrochemical sensors. Electrochimica Acta, 2015, 170, 337-342.	5.2	33
23	A strategy for fabricating nanoporous gold films through chemical dealloying of electrochemically deposited Au-Sn alloys. Nanotechnology, 2014, 25, 445602.	2.6	21
24	Pd-decorated three-dimensional nanoporous Au/Ni foam composite electrodes for H₂O₂reduction. Journal of Materials Chemistry A, 2014, 2, 16474-16479.	10.3	31
25	Mechanism studies of terpolymerization of phthalic anhydride, propylene epoxide, and carbon dioxide catalyzed by ZnGA. RSC Advances, 2014, 4, 9503-9508.	3.6	52
26	Nanoporous gold on three-dimensional nickel foam: An efficient hybrid electrode for hydrogen peroxide electroreduction in acid media. Journal of Power Sources, 2014, 269, 461-465.	7.8	32
27	Efficient electroless nickel plating from highly active Niâ€“B nanoparticles for electric circuit patterns on Al2O3 ceramics. Journal of Materials Chemistry C, 2013, 1, 5149.	5.5	6
28	CdS/CeOx heterostructured nanowires for photocatalytic hydrogen production. Journal of Materials Chemistry A, 2013, 1, 4190.	10.3	61
29	Synthesis of Pd on porous hollow carbon spheres as an electrocatalyst for alcohol electrooxidation. RSC Advances, 2011, 1, 191.	3.6	30
30	Tungsten carbide as supports for Pt electrocatalysts with improved CO tolerance in methanol oxidation. Journal of Power Sources, 2011, 196, 6125-6130.	7.8	115
31	An in situ Fourier transform infrared spectroelectrochemical study on ethanol electrooxidation on Pd in alkaline solution. Journal of Power Sources, 2010, 195, 1375-1378.	7.8	164
32	First-Principles Considerations on Catalytic Activity of Pd toward Ethanol Oxidation. Journal of Physical Chemistry C, 2009, 113, 15639-15642.	3.1	117
33	Visible-Light Photocatalytic Degradation of Aromatic Contaminants with Simultaneous H2 Generation: Comparison of 2,4-Dichlorophenoxyacetic Acid and 4-Chlorophenol. Catalysis Letters, 2008, 125, 371-375.	2.6	13