

Yue Xia

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,120
citations

430442

18
h-index

395343

33
g-index

42
all docs

42
docs citations

42
times ranked

1689
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical preparation of Pt nanoparticles modified nanoporous gold electrode with highly rough surface for efficient determination of hydrazine. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127416.	4.0	39
2	Ultrafast one-pot anodic preparation of Co ₃ O ₄ /nanoporous gold composite electrode as an efficient nonenzymatic amperometric sensor for glucose and hydrogen peroxide. <i>Analytica Chimica Acta</i> , 2019, 1059, 49-58.	2.6	42
3	CdS sensitized sol-gel derived thin films of self-patterned micro-blocks of closely-packed SnO ₂ nanoparticles as high-performance photoanodes in alkaline solution of methanol. <i>Electrochimica Acta</i> , 2019, 295, 130-138.	2.6	5
4	Rapid electrochemical conversion of smooth Cu surfaces to urchin-like Cu nanowire arrays via flower-like Cu ₂ Se nanosheets as an advanced nonenzymatic glucose sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 801-809.	4.0	15
5	Insights into electrocatalytic hydrogen evolution reaction in acidic medium at in-situ dispersed Pt atoms on nanoporous gold films. <i>Journal of Catalysis</i> , 2018, 368, 379-388.	3.1	20
6	Ultra-rapid fabrication of highly surface-roughened nanoporous gold film from AuSn alloy with improved performance for nonenzymatic glucose sensing. <i>Biosensors and Bioelectronics</i> , 2018, 117, 758-765.	5.3	33
7	Highly Sensitive Determination of 4-Nitrophenol at a Nafion Modified Glass Carbon Nanofilm Electrode. <i>Journal of the Electrochemical Society</i> , 2017, 164, H63-H69.	1.3	11
8	One-step rapid electrochemical fabrication of self-supported Ni(OH) ₂ /nanoporous gold hybrid electrode for nonenzymatic glucose detection. <i>Materials Letters</i> , 2017, 206, 197-200.	1.3	6
9	Facile Preparation of Gold Nanoparticles via Simultaneous Electrodissolution/Chemical Reduction Processes for the Electrochemical Oxidation and Sensing of Ascorbic Acid. <i>Journal of the Electrochemical Society</i> , 2017, 164, H1041-H1046.	1.3	3
10	Fabrication of graphene oxide enwrapped Z-scheme Ag ₂ SO ₃ /AgBr nanoparticles with enhanced visible-light photocatalysis. <i>Applied Surface Science</i> , 2017, 396, 48-57.	3.1	38
11	Fabrication of strawberry-like nano-CdSe thin films for photoelectrochemistry by selenizing Cd(OH) ₂ deposits obtained from the anodization of Cd. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 477-483.	1.2	2
12	Enhanced photoelectrochemical properties of nano-CdS sensitized micro-nanoporous TiO ₂ thin films from gas/liquid interface assembly. <i>Journal of Alloys and Compounds</i> , 2016, 684, 616-623.	2.8	10
13	Rapid and high-capacity adsorption of sulfonated anionic dyes onto basic bismuth(III) nitrate via bidentate bridging and electrostatic attracting interactions. <i>RSC Advances</i> , 2016, 6, 39861-39869.	1.7	18
14	Electrochemical Fabrication of Cobalt Oxides/Nanoporous Gold Composite Electrode and its Nonenzymatic Glucose Sensing Performance. <i>Electroanalysis</i> , 2016, 28, 2149-2157.	1.5	14
15	Fabrication of nano-CdSe thin films from gas/liquid interface reactions and self-assembly for photoelectrochemical hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 2278-2284.	3.8	7
16	Rapid fabrication of SERS substrate and superhydrophobic surface with different micro/nano-structures by electrochemical shaping of smooth Cu surface. <i>Applied Surface Science</i> , 2015, 353, 1277-1284.	3.1	15
17	Electrochemical determination of 4-nitrophenol using uniform nanoparticle film electrode of glass carbon fabricated facilely by square wave potential pulses. <i>Electrochimica Acta</i> , 2015, 176, 448-455.	2.6	42
18	Voltammetric Determination of 4-Nitrophenol at Graphite Nanoflakes Modified Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2015, 162, H72-H78.	1.3	18

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19	Insights into the superhydrophobicity of metallic surfaces prepared by electrodeposition involving spontaneous adsorption of airborne hydrocarbons. <i>Applied Surface Science</i> , 2015, 324, 576-583.	3.1	113
20	Electrochemical fabrication of stalactite-like copper micropillar arrays via surface rebuilding for ultrasensitive nonenzymatic sensing of glucose. <i>Electrochimica Acta</i> , 2015, 151, 340-346.	2.6	48
21	Preparation of Graphite Nanoflakes and Supported Noble Metal/Alloy Nanoparticles by Paired Electrolysis with Graphite Electrodes. <i>Journal of the Electrochemical Society</i> , 2014, 161, H606-H611.	1.3	4
22	Preparation of Surface-Sulfurized Nanoflake-Like BiOCl Layered Semiconductor Films with Interbedded S ²⁻ for Enhanced Photoelectrochemical Performances. <i>Journal of the Electrochemical Society</i> , 2014, 161, H269-H275.	1.3	13
23	Ultrasensitive nonenzymatic sensing of glucose on Ni(OH) ₂ -coated nanoporous gold film with two pairs of electron mediators. <i>Electrochimica Acta</i> , 2014, 142, 351-358.	2.6	49
24	A Rapid Anodic Fabrication of Nanoporous Gold in NH ₄ Cl Solution for Nonenzymatic Glucose Detection. <i>Journal of the Electrochemical Society</i> , 2014, 161, H802-H808.	1.3	9
25	Facile fabrication of superhydrophobic Bi/Bi ₂ O ₃ surfaces with hierarchical micro-nanostructures by electroless deposition or electrodeposition. <i>Applied Surface Science</i> , 2014, 288, 558-563.	3.1	36
26	Effect of calcined atmosphere on the photocatalytic activity of P-doped TiO ₂ . <i>Applied Surface Science</i> , 2014, 289, 306-315.	3.1	89
27	An ultrasensitive non-enzymatic amperometric glucose sensor based on a Cu-coated nanoporous gold film involving co-mediating. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 388-395.	4.0	62
28	Blacking of nano-CdS thin film from gas/liquid interface for enhanced photoelectrochemical performances. <i>Applied Surface Science</i> , 2014, 313, 26-30.	3.1	9
29	Inherent superhydrophobicity of Sn/SnO _x films prepared by surface self-passivation of electrodeposited porous dendritic Sn. <i>Materials Research Bulletin</i> , 2013, 48, 4804-4810.	2.7	19
30	Electrochemical fabrication of a cauliflower-like nanostructured Pd film from pure Pd and its applications in electrocatalysis and electroanalysis. <i>Electrochimica Acta</i> , 2013, 107, 537-541.	2.6	7
31	Novel α -ketoesters from β -diketones via a vanadium-mediated tandem transformation under an oxygen atmosphere. <i>Catalysis Communications</i> , 2013, 37, 109-113.	1.6	4
32	Facile preparation of ordered arrays of polystyrene spheres dissymmetrically decorated with gold nanoparticles at air/liquid interface and their SERS properties. <i>RSC Advances</i> , 2012, 2, 5284.	1.7	5
33	Preparation of Ag ₂ SO ₃ based composites and their efficient degradation of rhodamine B under visible light irradiation. <i>Materials Letters</i> , 2012, 87, 58-61.	1.3	10
34	Effects of electrolytes on the fabrication of three-dimensional nanoporous gold films by a rapid anodic potential step method for SERS. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 842-847.	1.2	11
35	Fabrication of nano-network gold films via anodization of gold electrode and their application in SERS. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1733-1739.	1.2	9
36	Electrochemical fabrication of clean dendritic Au supported Pt clusters for electrocatalytic oxidation of formic acid. <i>Electrochimica Acta</i> , 2012, 70, 304-312.	2.6	28

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37	Transformation of randomly aggregated gold nanoparticles into dendritic structures by square wave potential pulses. <i>Materials Letters</i> , 2011, 65, 2326-2329.	1.3	10
38	Nonenzymatic amperometric response of glucose on a nanoporous gold film electrode fabricated by a rapid and simple electrochemical method. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3555-3561.	5.3	165
39	A novel strategy to assemble colloidal gold nanoparticles at the water-air interface by the vapor of formic acid. <i>Journal of Colloid and Interface Science</i> , 2011, 359, 536-541.	5.0	31
40	Nanoassemblies of Colloidal Gold Nanoparticles by Oxygen-Induced Inorganic Ligand Replacement. <i>Langmuir</i> , 2010, 26, 9351-9356.	1.6	9
41	Impact of Lewis Acids on Diels-Alder Reaction Reactivity: A Conceptual Density Functional Theory Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9970-9977.	1.1	41