Yue Xia

List of Publications by Year
in descending order

41	1,120	430442	395343
papers	citations	18 h-index	33 g-index

42	42	42	1689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonenzymatic amperometric response of glucose on a nanoporous gold film electrode fabricated by a rapid and simple electrochemical method. Biosensors and Bioelectronics, 2011, 26, 3555-3561.	5.3	165
2	Insights into the superhydrophobicity of metallic surfaces prepared by electrodeposition involving spontaneous adsorption of airborne hydrocarbons. Applied Surface Science, 2015, 324, 576-583.	3.1	113
3	Effect of calcined atmosphere on the photocatalytic activity of P-doped TiO2. Applied Surface Science, 2014, 289, 306-315.	3.1	89
4	An ultrasensitive non-enzymatic amperometric glucose sensor based on a Cu-coated nanoporous gold film involving co-mediating. Sensors and Actuators B: Chemical, 2014, 203, 388-395.	4.0	62
5	Ultrasensitive nonenzymatic sensing of glucose on Ni(OH) 2 -coated nanoporous gold film with two pairs of electron mediators. Electrochimica Acta, 2014, 142, 351-358.	2.6	49
6	Electrochemical fabrication of stalactite-like copper micropillar arrays via surface rebuilding for ultrasensitive nonenzymatic sensing of glucose. Electrochimica Acta, 2015, 151, 340-346.	2.6	48
7	Electrochemical determination of 4-nitrophenol using uniform nanoparticle film electrode of glass carbon fabricated facilely by square wave potential pulses. Electrochimica Acta, 2015, 176, 448-455.	2.6	42
8	Ultrafast one-pot anodic preparation of Co3O4/nanoporous gold composite electrode as an efficient nonenzymatic amperometric sensor for glucose and hydrogen peroxide. Analytica Chimica Acta, 2019, 1059, 49-58.	2.6	42
9	Impact of Lewis Acids on Dielsâ^'Alder Reaction Reactivity: A Conceptual Density Functional Theory Study. Journal of Physical Chemistry A, 2008, 112, 9970-9977.	1.1	41
10	Electrochemical preparation of Pt nanoparticles modified nanoporous gold electrode with highly rough surface for efficient determination of hydrazine. Sensors and Actuators B: Chemical, 2020, 304, 127416.	4.0	39
11	Fabrication of graphene oxide enwrapped Z-scheme Ag2SO3/AgBr nanoparticles with enhanced visible-light photocatalysis. Applied Surface Science, 2017, 396, 48-57.	3.1	38
12	Facile fabrication of superhydrophobic Bi/Bi2O3 surfaces with hierarchical micro-nanostructures by electroless deposition or electrodeposition. Applied Surface Science, 2014, 288, 558-563.	3.1	36
13	Ultra-rapid fabrication of highly surface-roughened nanoporous gold film from AuSn alloy with improved performance for nonenzymatic glucose sensing. Biosensors and Bioelectronics, 2018, 117, 758-765.	5.3	33
14	A novel strategy to assemble colloidal gold nanoparticles at the waterâ€“air interface by the vapor of formic acid. Journal of Colloid and Interface Science, 2011, 359, 536-541.	5.0	31
15	Electrochemical fabrication of clean dendritic Au supported Pt clusters for electrocatalytic oxidation of formic acid. Electrochimica Acta, 2012, 70, 304-312.	2.6	28
16	Insights into electrocatalytic hydrogen evolution reaction in acidic medium at in-situ dispersed Pt atoms on nanoporous gold films. Journal of Catalysis, 2018, 368, 379-388.	3.1	20
17	Inherent superhydrophobicity of Sn/SnOx films prepared by surface self-passivation of electrodeposited porous dendritic Sn. Materials Research Bulletin, 2013, 48, 4804-4810.	2.7	19
18	Voltammetric Determination of 4-Nitrophenol at Graphite Nanoflakes Modified Glassy Carbon Electrode. Journal of the Electrochemical Society, 2015, 162, H72-H78.	1.3	18

#	Article	IF	Citations
19	Rapid and high-capacity adsorption of sulfonated anionic dyes onto basic bismuth(iii) nitrate via bidentate bridging and electrostatic attracting interactions. RSC Advances, 2016, 6, 39861-39869.	1.7	18
20	Rapid fabrication of SERS substrate and superhydrophobic surface with different micro/nano-structures by electrochemical shaping of smooth Cu surface. Applied Surface Science, 2015, 353, 1277-1284.	3.1	15
21	Rapid electrochemical conversion of smooth Cu surfaces to urchin-like Cu nanowire arrays via flower-like Cu2Se nanosheets as an advanced nonenzymatic glucose sensor. Sensors and Actuators B: Chemical, 2018, 262, 801-809.	4.0	15
22	Electrochemical Fabrication of Cobalt Oxides/Nanoporous Gold Composite Electrode and its Nonenzymatic Glucose Sensing Performance. Electroanalysis, 2016, 28, 2149-2157.	1.5	14
23	Preparation of Surface-Sulfurized Nanoflake-Like BiOCl Layered Semiconductor Films with Interbedded S^{2â˜’}for Enhanced Photoelectrochemical Performances. Journal of the Electrochemical Society, 2014, 161, H269-H275.	1.3	13
24	Effects of electrolytes on the fabrication of threeâ€dimensional nanoporous gold films by a rapid anodic potential step method for SERS. Journal of Raman Spectroscopy, 2012, 43, 842-847.	1.2	11
25	Highly Sensitive Determination of 4-Nitrophenol at a Nafion Modified Glass Carbon Nanofilm Electrode. Journal of the Electrochemical Society, 2017, 164, H63-H69.	1.3	11
26	Transformation of randomly aggregated gold nanoparticles into dendritic structures by square wave potential pulses. Materials Letters, 2011, 65, 2326-2329.	1.3	10
27	Preparation of Ag2SO3 based composites and their efficient degradation of rhodamine B under visible light irradiation. Materials Letters, 2012, 87, 58-61.	1.3	10
28	Enhanced photoelectrochemical properties of nano-CdS sensitized micro-nanoporous TiO2 thin films from gas/liquid interface assembly. Journal of Alloys and Compounds, 2016, 684, 616-623.	2.8	10
29	Nanoassemblies of Colloidal Gold Nanoparticles by Oxygen-Induced Inorganic Ligand Replacement. Langmuir, 2010, 26, 9351-9356.	1.6	9
30	Fabrication of nano-network gold films via anodization of gold electrode and their application in SERS. Journal of Solid State Electrochemistry, 2012, 16, 1733-1739.	1.2	9
31	A Rapid Anodic Fabrication of Nanoporous Gold in NH4Cl Solution for Nonenzymatic Glucose Detection. Journal of the Electrochemical Society, 2014, 161, H802-H808.	1.3	9
32	Blacking of nano-CdS thin film from gas/liquid interface for enhanced photoelectrochemical performances. Applied Surface Science, 2014, 313, 26-30.	3.1	9
33	Electrochemical fabrication of a cauliflower-like nanostructured Pd film from pure Pd and its applications in electrocatalysis and electroanalysis. Electrochimica Acta, 2013, 107, 537-541.	2.6	7
34	Fabrication of nano-CdSe thin films from gas/liquid interfaceÂreactions and self-assembly for photoelectrochemicalÂhydrogen production. International Journal of Hydrogen Energy, 2016, 41, 2278-2284.	3.8	7
35	One-step rapid electrochemical fabrication of self-supported Ni(OH)2/nanoporous gold hybrid electrode for nonenzymatic glucose detection. Materials Letters, 2017, 206, 197-200.	1.3	6
36	Facile preparation of ordered arrays of polystyrene spheres dissymmetrically decorated with gold nanoparticles at air/liquid interface and their SERS properties. RSC Advances, 2012, 2, 5284.	1.7	5

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37	CdS sensitized sol-gel derived thin films of self-patterned micro-blocks of closely-packed SnO2 nanoparticles as high-performance photoanodes in alkaline solution of methanol. Electrochimica Acta, 2019, 295, 130-138.	2.6	5
38	Novel Î±-ketoesters from Î²-diketones via a vanadium-mediated tandem transformation under an oxygen atmosphere. Catalysis Communications, 2013, 37, 109-113.	1.6	4
39	Preparation of Graphite Nanoflakes and Supported Noble Metal/Alloy Nanoparticles by Paired Electrolysis with Graphite Electrodes. Journal of the Electrochemical Society, 2014, 161, H606-H611.	1.3	4
40	Facile Preparation of Gold Nanoparticles via Simultaneous Electrodissolution/Chemical Reduction Processes for the Electrochemical Oxidation and Sensing of Ascorbic Acid. Journal of the Electrochemical Society, 2017, 164, H1041-H1046.	1.3	3
41	Fabrication of strawberry-like nano-CdSe thin films for photoelectrochemistry by selenizing Cd(OH)2 deposits obtained from the anodization of Cd. Journal of Solid State Electrochemistry, 2017, 21, 477-483.	1.2	2