Bingqian Liu

List of Publications by Year in descending order

32 papers	1,258 citations	394421 19 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	1835 citing authors

#	Article	IF	Citations
1	Molecular Dipoleâ€Induced Photoredox Catalysis for Hydrogen Evolution over Selfâ€Assembled Naphthalimide Nanoribbons. Angewandte Chemie, 2022, 134, .	2.0	7
2	TiO2/CuInS2-sensitized structure for sensitive photoelectrochemical immunoassay of cortisol in saliva. Journal of Solid State Electrochemistry, 2022, 26, 749-759.	2.5	5
3	Molecular Dipoleâ€Induced Photoredox Catalysis for Hydrogen Evolution over Selfâ€Assembled Naphthalimide Nanoribbons. Angewandte Chemie - International Edition, 2022, 61, .	13.8	31
4	Signal-on photoelectrochemical immunoassay for salivary cortisol based on silver nanoclusters-triggered ion-exchange reaction with CdS quantum dots. Analytical and Bioanalytical Chemistry, 2022, 414, 3033-3042.	3.7	8
5	Colorimetric detection of hydrogen sulfide based on novel magnetic functional composites. Biosensors and Bioelectronics: X, 2022, , 100155.	1.7	0
6	A ratiometric electrochemical strategy based on Fe (<scp>iii</scp>) and Pt (<scp>iv</scp>) for immobilization-free detection of Escherichia coli. Analytical Methods, 2022, 14, 2541-2548.	2.7	4
7	Targetâ€stimulated DNAzyme Concatamers Released from Aptasensor for Highly Sensitive and Specific Detection of Progesterone. Electroanalysis, 2020, 32, 546-553.	2.9	2
8	Enzyme-induced Fenton reaction coupling oxidation of o-phenylenediamine for sensitive and specific immunoassay. Journal of Solid State Electrochemistry, 2020, 24, 633-640.	2.5	2
9	Target-regulated proximity hybridization with three-way DNA junction for in situ enhanced electronic detection of marine biotoxin based on isothermal cycling signal amplification strategy. Biosensors and Bioelectronics, 2015, 69, 241-248.	10.1	31
10	Amplified electrochemical sensing of lead ion based on DNA-mediated self-assembly-catalyzed polymerization. Biosensors and Bioelectronics, 2015, 69, 230-234.	10.1	35
11	Nickel-functionalized reduced graphene oxide with polyaniline for non-enzymatic glucose sensing. Mikrochimica Acta, 2015, 182, 625-631.	5.0	43
12	Redox and catalysis â€˜all-in-oneâ€™ infinite coordination polymer for electrochemical immunosensor of tumor markers. Biosensors and Bioelectronics, 2015, 64, 6-12.	10.1	58
13	Digital multimeter-based immunosensing strategy for sensitive monitoring of biomarker by coupling an external capacitor with an enzymatic catalysis. Biosensors and Bioelectronics, 2014, 55, 255-258.	10.1	12
14	Biotin-avidin-conjugated metal sulfide nanoclusters for simultaneous electrochemical immunoassay of tetracycline and chloramphenicol. Mikrochimica Acta, 2014, 181, 257-262.	5.0	50
15	An omega-like DNA nanostructure utilized for small molecule introduction to stimulate formation of DNAzymeâ€“aptamer conjugates. Chemical Communications, 2014, 50, 1900-1902.	4.1	21
16	NiCoBP-doped carbon nanotube hybrid: A novel oxidase mimetic system for highly efficient electrochemical immunoassay. Analytica Chimica Acta, 2014, 851, 49-56.	5.4	19
17	Proximity Ligation Assay with Three-Way Junction-Induced Rolling Circle Amplification for Ultrasensitive Electronic Monitoring of Concanavalin A. Analytical Chemistry, 2014, 86, 7773-7781.	6.5	70
18	Metal sulfide-functionalized DNA concatamer for ultrasensitive electronic monitoring of ATP using a programmable capillary-based aptasensor. Biosensors and Bioelectronics, 2014, 53, 390-398.	10.1	15

#	Article	IF	Citations
19	Au(III)-promoted magnetic molecularly imprinted polymer nanospheres for electrochemical determination of streptomycin residues in food. Biosensors and Bioelectronics, 2013, 41, 551-556.	10.1	91
20	Molecular Imprint for Electrochemical Detection of Streptomycin Residues Using Enzyme Signal Amplification. Electroanalysis, 2013, 25, 531-537.	2.9	48
21	Cleavage of Metal-Ion-Induced DNAzymes Released from Nanolabels for Highly Sensitive and Specific Immunoassay. Bioconjugate Chemistry, 2013, 24, 678-683.	3.6	17
22	Au(iii)-assisted coreâ€“shell iron oxide@poly(o-phenylenediamine) nanostructures for ultrasensitive electrochemical aptasensors based on DNase I-catalyzed target recycling. Chemical Communications, 2012, 48, 2624.	4.1	40
23	DNA-Based Hybridization Chain Reaction for Amplified Bioelectronic Signal and Ultrasensitive Detection of Proteins. Analytical Chemistry, 2012, 84, 5392-5399.	6.5	381
24	Cadmium ion-doped magnetic poly(styrene-acrylic acid) nanospheres for sensitive electrochemical immunoassay. Biosensors and Bioelectronics, 2012, 35, 461-465.	10.1	15
25	A graphene-based Au(111) platform for electrochemical biosensing based catalytic recycling of products on gold nanoflowers. Analyst, The, 2011, 136, 2218.	3.5	20
26	Multifunctional Goldâ€“Silica Nanostructures for Ultrasensitive Electrochemical Immunoassay of Streptomycin Residues. ACS Applied Materials & Interfaces, 2011, 3, 4668-4676.	8.0	69
27	One-step electrochemical immunoassay of biomarker based on nanogold-functionalized graphene sensing platform. Analytical Methods, 2011, 3, 1615.	2.7	23
28	Target-induced biomolecular release for sensitive aptamer-based electrochemical detection of small molecules from magnetic graphene. RSC Advances, 2011, 1, 40.	3.6	17
29	Synthesis of patterned nanogold and mesoporous CoFe2O4 nanoparticle assemblies and their application in clinical immunoassays. Nanoscale, 2011, 3, 2220.	5.6	35
30	Sensitive detection of hydrogen peroxide in foodstuff using an organicâ€“inorganic hybrid multilayer-functionalized graphene biosensing platform. Mikrochimica Acta, 2011, 174, 137-144.	5.0	33
31	A New Electrochemical Biosensor for Determination of Hydrogen Peroxide in Food Based on Wellâ€Dispersive Gold Nanoparticles on Graphene Oxide. Electroanalysis, 2011, 23, 1821-1829.	2.9	52
32	Enhanced Immunosensor Using a Handheld pH Meter for the Pointâ€ofâ€care, Sensitive Detection of Prostate Specific Antigen. Electroanalysis, 0, , .	2.9	4