Qingji Xie

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

239 papers	7,513 citations	43 h-index	72 g-index
246 ext. papers	8,314 ext. citations	6.8 avg, IF	5.94 L-index

#	Paper	IF	Citations
239	Photoelectrochemical biosensing of leukemia gene based on CdS/AuNPs/FeOOH Z-scheme heterojunction and a facile reflective device. *Sensors and Actuators B: Chemical*, **2022**, 362, 131795	8.5	1
238	Anodic Stripping Voltammetric Analysis of Trace Arsenic(III) on a Au-Stained Au Nanoparticles/Pyridine/Carboxylated Multiwalled Carbon Nanotubes/Glassy Carbon Electrode.. *Nanomaterials*, **2022**, 12,	5.4	1
237	A TetR family transcriptional regulator, SP_2854 can affect the butenyl-spinosyn biosynthesis by regulating glucose metabolism in Saccharopolyspora pogona.. *Microbial Cell Factories*, **2022**, 21, 83	6.4	
236	Sensitive photoelectrochemical determination of T4 polynucleotide kinase using AuNPs/SnS2/ZnIn2S4 photoactive material and enzymatic reaction-induced DNA structure switch strategy. *Talanta*, **2022**, 123660	6.2	0
235	Deletion of a hybrid NRPS-T1PKS biosynthetic gene cluster via Latour gene knockout system in Saccharopolyspora pogona and its effect on butenyl-spinosyn biosynthesis and growth development. *Microbial Biotechnology*, **2021**, 14, 2369-2384	6.3	2
234	Tailoring the Photoelectrochemical Activity of Hexametaphosphate-Capped CdS Quantum Dots by Ca-Triggered Surface Charge Regulation: A New Signaling Strategy for Sensitive Immunoassay. *Analytical Chemistry*, **2021**, 93, 13783-13790	7.8	1
233	Cobalt-doped tungsten trioxide nanorods decorated with Au nanoparticles for ultrasensitive photoelectrochemical detection of aflatoxin B1 based on aptamer structure switch. *Sensors and Actuators B: Chemical*, **2021**, 332, 129528	8.5	8
232	Computational Design of Single Mo Atom Anchored Defective Boron Phosphide Monolayer as a High-performance Electrocatalyst for the Nitrogen Reduction Reaction. *Energy and Environmental Materials*, **2021**, 4, 255-262	13	18
231	Identification of a TetR family regulator and a polyketide synthase gene cluster involved in growth development and butenyl-spinosyn biosynthesis of Saccharopolyspora pogona. *Applied Microbiology and Biotechnology*, **2021**, 105, 1519-1533	5.7	5
230	Photoelectrochemical immunoassay of interleukin-6 based on covalent reaction-triggered photocurrent polarity switching of ZnO@fullerenol. *Chemical Communications*, **2021**, 57, 10903-10906	5.8	2
229	Preparation of a uniform thin-film Pd-Au electrocatalyst via electroreduction of a palladium hexacyanoferrate(II)-Au electrodeposit for alkaline oxidation of methanol. *Journal of Electroanalytical Chemistry*, **2021**, 895, 115416	4.1	
228	MWCNTs-CoP hybrids for dual-signal electrochemical immunosensing of carcinoembryonic antigen based on overall water splitting. *Talanta*, **2021**, 233, 122521	6.2	3
227	NaBH4-electrooxidation mediated electrodeposition of catalytic Pt nanoparticles on a honeycomb-gold electrode for hydrogen evolution reaction. *Journal of Alloys and Compounds*, **2021**, 888, 161564	5.7	1
226	Synergistic electrocatalysis of Cu2S@Co3S4 core-shell heterostructures toward H2O2 reduction and their application for sensitive immunosensing of alpha fetoprotein. *Sensors and Actuators B: Chemical*, **2021**, 348, 130703	8.5	1
225	CdSe quantum dots-decorated ZnIn2S4 nanosheets for signal-on photoelectrochemical aptasensing of ATP by integrating exciton energy transfer with exciton-plasmon coupling. *Sensors and Actuators B: Chemical*, **2021**, 348, 130686	8.5	5
224	Anodic stripping voltammetry analysis of mercury(II) on a pyridine-Au/pyridine/glassy carbon electrode. *Sensors and Actuators B: Chemical*, **2020**, 317, 128202	8.5	8
223	Promoting electrocatalytic nitrogen reduction to ammonia via Fe-boosted nitrogen activation on MnO2 surfaces. *Journal of Materials Chemistry A*, **2020**, 8, 13679-13684	13	21

222	CdS Quantum-Dots-Decorated VO Nanosheets as Chemically Etchable Active Materials for Sensitive Photoelectrochemical Immunoassay of Carcinoembryonic Antigen. *ACS Applied Materials & Interfaces*, **2020**, 12, 29066-29073	9.5	8
221	Simultaneous sensitive analysis of Cd(II), Pb(II) and As(III) using a dual-channel anodic stripping voltammetry approach. *New Journal of Chemistry*, **2020**, 44, 5739-5745	3.6	2
220	An immunosensor for sensitive photoelectrochemical detection of Staphylococcus aureus using ZnS-AgS/polydopamine as photoelectric material and CuO as peroxidase mimic tag. *Talanta*, **2020**, 212, 120797	6.2	16
219	Dual-signal sandwich-type electrochemical immunoassay of galectin-3 using methylene blue and gold nanoparticles biolabels. *Journal of Electroanalytical Chemistry*, **2020**, 861, 113952	4.1	4
218	Three-dimensional macroporous gold electrodes superior to conventional gold disk electrodes in the construction of an electrochemical immunobiosensor for Staphylococcus aureus detection. *Analyst, The*, **2020**, 145, 2988-2994	5	4
217	Biomineralized nanoparticles enable an enzyme-assisted DNA signal amplification in living cells. *Chemical Communications*, **2020**, 56, 2901-2904	5.8	7
216	Immunosensing of NT-proBNP via Cu2+-based MOFs Biolabeling and in situ Microliter-droplet Anodic Stripping Voltammetry. *Electroanalysis*, **2020**, 32, 1754-1762	3	3
215	Potentiometric and UV-Vis spectrophotometric titrations for evaluation of the antioxidant capacity of chicoric acid.. *RSC Advances*, **2020**, 10, 11876-11882	3.7	1
214	Preparation of a Pt thin-film modified electrode for alkaline electrocatalytic oxidation of methanol by Cu(OH)2 electrodeposition and galvanic replacement reaction. *Electrochimica Acta*, **2020**, 330, 135234	6.7	4
213	Preparation of porous thiolated polymer nanocomposite for construction of sensitive and selective phytohormone amperometric immunosensor. *Microchemical Journal*, **2020**, 153, 104380	4.8	2
212	Gold nanoparticles decorated three-dimensional porous graphitic carbon nitrides for sensitive anodic stripping voltammetric analysis of trace arsenic(III). *Journal of Alloys and Compounds*, **2020**, 823, 153723	5.7	12
211	A two-photon fluorescence self-reporting black phosphorus nanoprobe for the monitoring of therapy response. *Chemical Communications*, **2020**, 56, 14007-14010	5.8	5
210	Pyridine-2-sulfonic (or carboxylic) acid modified glassy carbon electrode for anodic stripping voltammetry analysis of Cd and Pb. *Analytica Chimica Acta*, **2020**, 1135, 20-28	6.6	8
209	Promoting electricity generation of shewanella putrefaciens in a microbial fuel cell by modification of porous poly(3-aminophenylboronic acid) film on carbon anode. *Electrochimica Acta*, **2020**, 354, 136715	6.7	8
208	NiCoO@CeO Nanoboxes for Ultrasensitive Electrochemical Immunosensing Based on the Oxygen Evolution Reaction in a Neutral Medium: Application for Interleukin-6 Detection. *Analytical Chemistry*, **2020**, 92, 16267-16273	7.8	10
207	Boosting Capacitive Sodium-Ion Storage in Electrochemically Exfoliated Graphite for Sodium-Ion Capacitors. *ACS Applied Materials & Interfaces*, **2020**, 12, 52635-52642	9.5	13
206	Bi-Underpotential/PtAu-bulk co-electrodeposition and subsequent Bi dissolution for the electrocatalytic oxidation and amperometric analysis of formaldehyde. *Analyst, The*, **2020**, 145, 7546-7550	5	1
205	Charge Transfer Boosting Moisture Resistance of Seminude Perovskite Nanocrystals via Hierarchical Alumina Modulation. *Journal of Physical Chemistry Letters*, **2020**, 11, 3159-3165	6.4	8

204	Ultrasensitive immunoassay of Staphylococcus aureus based on colorimetric and fluorescent responses of 4-chloro-7-nitrobenzo-2-oxa-1,3-diazole to l-cysteine. *Talanta*, **2019**, 202, 244-250	6.2	9
203	Dynamic gas bubble template electrodeposition mechanisms and amperometric glucose sensing performance of three kinds of three-dimensional honeycomb-like porous nano-golds. *Sensors and Actuators B: Chemical*, **2019**, 296, 126679	8.5	12
202	Electrocatalytic oxidation and detection of ethanol on an electroplated Pt/3D honeycomb-like nano-Au/Au disk electrode. *Journal of Electroanalytical Chemistry*, **2019**, 849, 113375	4.1	3
201	Ruthenium Ion-Complexed Carbon Nitride Nanosheets with Peroxidase-like Activity as a Ratiometric Fluorescence Probe for the Detection of Hydrogen Peroxide and Glucose. *ACS Applied Materials & Interfaces*, **2019**, 11, 29072-29077	9.5	43
200	Design and synthesis of electrode materials with both battery-type and capacitive charge storage. *Energy Storage Materials*, **2019**, 22, 235-255	19.4	83
199	Preparation of a thin-film Pt electrocatalyst by MnO2 electrodeposition and galvanic replacement reaction for oxidation of methanol. *Journal of Electroanalytical Chemistry*, **2019**, 853, 113553	4.1	5
198	Sensitive photoelectrochemical immunoassay of Staphylococcus aureus based on one-pot electrodeposited ZnS/CdS heterojunction nanoparticles. *Analyst, The*, **2019**, 145, 165-171	5	7
197	Improving Photovoltaic and Enzymatic Sensing Performance by Coupling a Core-Shell Au Nanorod@TiO Heterostructure with the Bioinspired l-DOPA Polymer. *ACS Applied Materials & Interfaces*, **2019**, 11, 9394-9404	9.5	20
196	Bio-/Nanoimmobilization Platform Based on Bioinspired Fibrin-Bone@Polydopamine-Shell Adhesive Composites for Biosensing. *ACS Applied Materials & Interfaces*, **2019**, 11, 47311-47319	9.5	5
195	Few-layer phosphorene: An emerging electrode material for electrochemical energy storage. *Applied Materials Today*, **2019**, 15, 18-33	6.6	36
194	Poly(noradrenalin) based bi-enzyme biosensor for ultrasensitive multi-analyte determination. *Talanta*, **2019**, 194, 343-349	6.2	10
193	An electrochemical immunobiosensor for ultrasensitive detection of Escherichia coli O157:H7 using CdS quantum dots-encapsulated metal-organic frameworks as signal-amplifying tags. *Biosensors and Bioelectronics*, **2019**, 126, 493-500	11.8	77
192	Ultrasensitive immunoassay of proteins based on in-situ enzymatic formation of quantum dots and microliter-droplet anodic stripping voltammetry. *Journal of Electroanalytical Chemistry*, **2018**, 811, 121-127	4.1	10
191	Oxidative polymerization of 5-hydroxytryptamine to physically and chemically immobilize glucose oxidase for electrochemical biosensing. *Analytica Chimica Acta*, **2018**, 1013, 26-35	6.6	12
190	L-tyrosine polymerization-based ultrasensitive multi-analyte enzymatic biosensor. *Talanta*, **2018**, 179, 803-809	6.2	5
189	Ultrasensitive electrochemical sensing of Hg based on thymine-Hg-thymine interaction and signal amplification of alkaline phosphatase catalyzed silver deposition. *Biosensors and Bioelectronics*, **2018**, 104, 95-101	11.8	27
188	Fluorescent Immunoassay for the Detection of Pathogenic Bacteria at the Single-Cell Level Using Carbon Dots-Encapsulated Breakable Organosilica Nanocapsule as Labels. *ACS Applied Materials & Interfaces*, **2018**, 10, 3441-3448	9.5	69
187	Preparation of an ultrathin Pt electrocatalyst via a galvanic replacement reaction of electrodeposited CuCl for the oxidation of methanol in an alkaline medium. *Chemical Communications*, **2018**, 54, 3743-3746	5.8	7

186	Au nanocluster-embedded chitosan nanocapsules as labels for the ultrasensitive fluorescence immunoassay of Escherichia coli O157:H7. *Analyst, The*, **2018**, 143, 4067-4073	5	19
185	Magnetic-core@dual-functional-shell nanocomposites with peroxidase mimicking properties for use in colorimetric and electrochemical sensing of hydrogen peroxide. *Mikrochimica Acta*, **2018**, 186, 20	5.8	7
184	Identifying the origin and contribution of pseudocapacitive sodium ion storage in tungsten disulphide nanosheets for application in sodium-ion capacitors. *Journal of Materials Chemistry A*, **2018**, 6, 21010-21017	13	32
183	In situ enzymatic generation of gold for ultrasensitive amperometric sandwich immunoassay of procalcitonin. *Biosensors and Bioelectronics*, **2018**, 117, 422-428	11.8	16
182	Selective staining of CdS on ZnO biolabel for ultrasensitive sandwich-type amperometric immunoassay of human heart-type fatty-acid-binding protein and immunoglobulin G. *Biosensors and Bioelectronics*, **2017**, 91, 321-327	11.8	14
181	Boosting current generation in microbial fuel cells by an order of magnitude by coating an ionic liquid polymer on carbon anodes. *Biosensors and Bioelectronics*, **2017**, 91, 644-649	11.8	39
180	Bioimmobilization Matrices with Ultrahigh Efficiency Based on Combined Polymerizations of Chemical Oxidation and Metal Organic Coordination for Biosensing. *Journal of Physical Chemistry C*, **2017**, 121, 6229-6236	3.8	4
179	Effective covalent immobilization of quinone and aptamer onto a gold electrode via thiol addition for sensitive and selective protein biosensing. *Talanta*, **2017**, 164, 244-248	6.2	15
178	Amperometric thrombin aptasensor using a glassy carbon electrode modified with polyaniline and multiwalled carbon nanotubes tethered with a thiolated aptamer. *Mikrochimica Acta*, **2017**, 184, 1677-1682	5.8	18
177	Study on the bioelectrochemistry of a horseradish peroxidase-gold nanoclusters bionanocomposite. *Journal of Electroanalytical Chemistry*, **2017**, 792, 39-45	4.1	9
176	Electrochemical Conversion of FeO Magnetic Nanoparticles to Electroactive Prussian Blue Analogues for Self-Sacrificial Label Biosensing of Avian Influenza Virus H5N1. *Analytical Chemistry*, **2017**, 89, 12145-12151	7.8	52
175	Macroporous graphitic carbon foam decorated with polydopamine as a high-performance anode for microbial fuel cell. *Journal of Power Sources*, **2017**, 363, 27-33	8.9	41
174	Photoelectrochemical aptasensing of thrombin based on multilayered gold nanoparticle/graphene-TiO 2 and enzyme functionalized graphene oxide nanocomposites. *Electrochimica Acta*, **2017**, 249, 243-252	6.7	15
173	Copper-Based Metal-Organic Framework Nanoparticles with Peroxidase-Like Activity for Sensitive Colorimetric Detection of Staphylococcus aureus. *ACS Applied Materials & Interfaces*, **2017**, 9, 24440-24445	9.5	155
172	Preparation of a porous Au electrode with a sacrificed Prussian blue analogue template for anodic stripping voltammetric analysis of trace arsenic(III). *Sensors and Actuators B: Chemical*, **2017**, 253, 603-611	8.5	9
171	Graphene-like carbon nanosheets as a new electrode material for electrochemical determination of hydroquinone and catechol. *Talanta*, **2017**, 164, 300-306	6.2	46
170	1-Butyl-3-Methylimidazolium Tetrafluoroborate Film as a Highly Selective Sensing Material for Non-Invasive Detection of Acetone Using a Quartz Crystal Microbalance. *Sensors*, **2017**, 17,	3.8	12
169	Step-by-step electrodeposition of a high-performance Prussian blue-gold nanocomposite for H2O2 sensing and glucose biosensing. *Journal of Electroanalytical Chemistry*, **2016**, 778, 66-73	4.1	18

168	Differential pulse voltammetric simultaneous determination of ascorbic acid, dopamine and uric acid on a glassy carbon electrode modified with electroreduced graphene oxide and imidazolium groups. *Mikrochimica Acta*, **2016**, 183, 2539-2546	5.8	48
167	Effective immobilization of tyrosinase via enzyme catalytic polymerization of l-DOPA for highly sensitive phenol and atrazine sensing. *Talanta*, **2016**, 160, 125-132	6.2	29
166	Tyrosinase-catalyzed polymerization of L-DOPA (versus L-tyrosine and dopamine) to generate melanin-like biomaterials for immobilization of enzymes and amperometric biosensing. *RSC Advances*, **2016**, 6, 17016-17022	3.7	13
165	Ultrasensitive Immunoassay of Proteins Based on Gold Label/Silver Staining, Galvanic Replacement Reaction Enlargement, and in Situ Microliter-Droplet Anodic Stripping Voltammetry. *Journal of Physical Chemistry C*, **2016**, 120, 2855-2865	3.8	18
164	Preparation of rough Pt modified Au electrode by silver staining and galvanic replacement reactions for amperometric and fuel-cell-based sensing of ethanol. *Sensors and Actuators B: Chemical*, **2016**, 230, 77-86	8.5	1
163	In situ microliter-droplet anodic stripping voltammetry of copper stained on the gold label after galvanic replacement reaction enlargement for ultrasensitive immunoassay of proteins. *Biosensors and Bioelectronics*, **2016**, 79, 914-21	11.8	12
162	Horseradish peroxidase-catalyzed polymerization of L-DOPA for mono-/bi-enzyme immobilization and amperometric biosensing of H2O2 and uric acid. *Talanta*, **2016**, 149, 117-123	6.2	33
161	Hyaluronic acid-coated magnetic nanoparticles-based selective collection and detection of leukemia cells with quartz crystal microbalance. *Sensors and Actuators B: Chemical*, **2016**, 223, 9-14	8.5	20
160	Sensitive Bioanalysis Based on in-Situ Droplet Anodic Stripping Voltammetric Detection of CdS Quantum Dots Label after Enhanced Cathodic Preconcentration. *Sensors*, **2016**, 16,	3.8	5
159	Three-dimensional graphene-like carbon frameworks as a new electrode material for electrochemical determination of small biomolecules. *Biosensors and Bioelectronics*, **2016**, 85, 618-624	11.8	39
158	One-pot electrodeposition of a composite film of glucose oxidase, imidazolium alkoxysilane and chitosan on a reduced graphene oxide–Pt nanoparticle/Au electrode for biosensing. *Journal of Electroanalytical Chemistry*, **2016**, 781, 296-303	4.1	15
157	Facile electrochemical preparation of a composite film of ruthenium dioxide and carboxylated graphene for a high performance supercapacitor. *RSC Advances*, **2016**, 6, 33666-33675	3.7	15
156	Co-, N-, and S-Tridoped Carbon Derived from Nitrogen- and Sulfur-Enriched Polymer and Cobalt Salt for Hydrogen Evolution Reaction. *ACS Applied Materials & Interfaces*, **2016**, 8, 13341-7	9.5	37
155	An amperometric enzyme electrode and its biofuel cell based on a glucose oxidase-poly(3-anilineboronic acid)-Pd nanoparticles bionanocomposite for glucose biosensing. *Talanta*, **2015**, 138, 100-107	6.2	17
154	Anodic stripping voltammetric analysis of trace arsenic(III) enhanced by mild hydrogen-evolution at a bimetallic Au–Pt nanoparticle modified glassy carbon electrode. *Electrochemistry Communications* , **2015**, 59, 28-31	5.1	36
153	Redistribution of Activator Tuning of Photoluminescence by Isovalent and Aliovalent Cation Substitutions in Whitlockite Phosphors. *Journal of Physical Chemistry C*, **2015**, 119, 16853-16859	3.8	43
152	Enhanced Cathodic Preconcentration of As(0) at Au and Pt Electrodes for Anodic Stripping Voltammetry Analysis of As(III) and As(V). *Journal of Physical Chemistry C*, **2015**, 119, 11400-11409	3.8	41
151	Ultrasensitive electrochemical immunoassay of proteins based on in situ duple amplification of gold nanoparticle biolabel signals. *Chemical Communications*, **2015**, 51, 8540-3	5.8	40

150	Determination of catecholamines in urine using aminophenylboronic acid functionalized magnetic nanoparticles extraction followed by high-performance liquid chromatography and electrochemical detection. *Journal of Separation Science*, **2015**, 38, 460-7	3.4	30
149	Synthesis and photoluminescence properties of a cyan-emitting phosphor Ca3(PO4)2:Eu2+ for white light-emitting diodes. *Optical Materials*, **2015**, 39, 173-177	3.3	44
148	Electroanalysis of nicotine at an electroreduced carboxylated graphene modified glassy carbon electrode. *Analytical Methods*, **2015**, 7, 1147-1153	3.2	7
147	Determination of guanine and adenine by high-performance liquid chromatography with a self-fabricated wall-jet/thin-layer electrochemical detector at a glassy carbon electrode. *Talanta*, **2015**, 134, 354-359	6.2	19
146	Simultaneous electroanalysis of isoniazid and uric acid at poly(sulfosalicylic acid)/electroreduced carboxylated graphene modified glassy carbon electrode. *Sensors and Actuators B: Chemical*, **2015**, 207, 167-176	8.5	36
145	Facile Fabrication of Graphene-Containing Foam as a High-Performance Anode for Microbial Fuel Cells. *Chemistry - A European Journal*, **2015**, 21, 10634-8	4.8	28
144	Integration of a miniature quartz crystal microbalance with a microfluidic chip for amyloid beta-A□42 quantitation. *Sensors*, **2015**, 15, 25746-60	3.8	9
143	Immobilization of Enzymes by Electrochemical and Chemical Oxidative Polymerization of L-DOPA to Fabricate Amperometric Biosensors and Biofuel Cells. *ACS Applied Materials & Interfaces*, **2015**, 7, 10843-52	9.5	20
142	An amperometric biosensor and a biofuel cell of uric acid based on a chitosan/uricase□poly(furan-3-boronic acid)□Pd nanoparticles/plated Pd/multiwalled carbon nanotubes/Au electrode. *Journal of Electroanalytical Chemistry*, **2015**, 739, 187-196	4.1	12
141	Three-dimensional activated graphene network-sulfonate-terminated polymer nanocomposite as a new electrode material for the sensitive determination of dopamine and heavy metal ions. *Analyst, The*, **2015**, 140, 1647-54	5	15
140	Sulfur-doped porous carbon nanosheets as an advanced electrode material for supercapacitors. *RSC Advances*, **2015**, 5, 13046-13051	3.7	78
139	Carbon nanotube-based label-free electrochemical biosensor for sensitive detection of miRNA-24. *Biosensors and Bioelectronics*, **2014**, 54, 158-64	11.8	99
138	Square wave anodic stripping voltammetric determination of Cd□+ and Pb□+ at bismuth-film electrode modified with electroreduced graphene oxide-supported thiolated thionine. *Talanta*, **2014**, 122, 285-92	6.2	35
137	Facile fabrication of network film electrodes with ultrathin Au nanowires for nonenzymatic glucose sensing and glucose/O2 fuel cell. *Biosensors and Bioelectronics*, **2014**, 52, 105-10	11.8	56
136	Synthesis and oxygen reduction properties of three-dimensional sulfur-doped graphene networks. *Chemical Communications*, **2014**, 50, 6382-5	5.8	115
135	Simultaneous analysis of isoniazid and rifampicin by high-performance liquid chromatography with gradient elution and wall-jet/thin-layer electrochemical detection. *Analytical Methods*, **2014**, 6, 1530	3.2	16
134	Rapid electrodeposition of a gold-Prussian blue nanocomposite with ultrahigh electroactivity for dual-potential amperometric biosensing of uric acid. *Analyst, The*, **2014**, 139, 2904-11	5	16
133	Epoxidation of cyclohexene with molecular oxygen by electrolysis combined with chemical catalysis. *Journal of the Iranian Chemical Society*, **2014**, 11, 1723-1729	2	0

132	Three-dimensional graphene networks as a new substrate for immobilization of laccase and dopamine and its application in glucose/O2 biofuel cell. *ACS Applied Materials & Interfaces*, **2014**, 6, 12808-14	9.5	77
131	Filling carbon nanotubes with Prussian blue nanoparticles of high peroxidase-like catalytic activity for colorimetric chemo- and biosensing. *Chemistry - A European Journal*, **2014**, 20, 2623-30	4.8	56
130	Preparation and Luminescence Properties of Eu2+ and Mn2+ Coactivated Tricalcium Phosphate Phosphors. *Journal of the American Ceramic Society*, **2014**, 97, 3631-3635	3.8	11
129	Bio-Inspired Preparation of Fibrin-Boned Bionanocomposites of Biomacromolecules and Nanomaterials for Biosensing. *Advanced Functional Materials*, **2014**, 24, 5011-5018	15.6	12
128	Sensitive square wave anodic stripping voltammetric determination of Cd2+ and Pb2+ ions at Bi/Nafion/overoxidized 2-mercaptoethanesulfonate-tethered polypyrrole/glassy carbon electrode. *Sensors and Actuators B: Chemical*, **2014**, 191, 94-101	8.5	39
127	Synthesis, crystal structure and luminescence of a near ultraviolet-green to red spectral converter BaY2S4:Eu2+, Er3+. *RSC Advances*, **2013**, 3, 16781	3.7	12
126	Biocompatible multi-walled carbon nanotube-chitosan-folic acid nanoparticle hybrids as GFP gene delivery materials. *Colloids and Surfaces B: Biointerfaces*, **2013**, 111, 224-31	6	50
125	Horseradish peroxidase-catalyzed synthesis of poly(thiophene-3-boronic acid) biocomposites for mono-/bi-enzyme immobilization and amperometric biosensing. *Biosensors and Bioelectronics*, **2013**, 44, 41-7	11.8	30
124	One-pot preparation of uricase–poly(thiophene-3-boronic acid)–Ptnano composites for high-performance amperometric biosensing of uric acid. *Sensors and Actuators B: Chemical*, **2013**, 177, 116-123	8.5	18
123	Amperometric sensing of nitrite based on electroactive ferricyanide–poly(diallyldimethylammonium)–alginate composite film. *Sensors and Actuators B: Chemical*, **2013**, 181, 375-381	8.5	34
122	Amperometric determination of ascorbic acid using multiwalled carbon nanotube-thiolated polyaniline composite modified glassy carbon electrode. *Journal of Electroanalytical Chemistry*, **2013**, 709, 19-25	4.1	22
121	Simultaneous analysis of dopamine and homovanillic acid by high-performance liquid chromatography with wall-jet/thin-layer electrochemical detection. *Analyst, The*, **2013**, 138, 7246-53	5	45
120	Thiol-ene chemistry guided preparation of thiolated polymeric nanocomposite for anodic stripping voltammetric analysis of Cd2+ and Pb2+. *Analyst, The*, **2013**, 138, 1180-6	5	16
119	Novel amperometric aptasensor based on analyte-induced suppression of enzyme catalysis in polymeric bionanocomposites. *ACS Applied Materials & Interfaces*, **2013**, 5, 934-9	9.5	18
118	Recent advances in electrochemical glucose biosensors: a review. *RSC Advances*, **2013**, 3, 4473	3.7	557
117	Synthesis of ultrathin nitrogen-doped graphitic carbon nanocages as advanced electrode materials for supercapacitor. *ACS Applied Materials & Interfaces*, **2013**, 5, 2241-8	9.5	282
116	Amperometric biosensor for NADH and ethanol based on electroreduced graphene oxide–polythionine nanocomposite film. *Sensors and Actuators B: Chemical*, **2013**, 181, 280-287	8.5	66
115	Dual-signal anodic stripping voltammetric determination of trace arsenic(III) at a glassy carbon electrode modified with internal-electrolysis deposited gold nanoparticles. *Electrochemistry Communications*, **2013**, 33, 43-46	5.1	34

114	A compartment-less nonenzymatic glucose–air fuel cell with nitrogen-doped mesoporous carbons and Au nanowires as catalysts. *Energy and Environmental Science*, **2013**, 6, 3600	35.4	36
113	Electrodeposition of electroreduced graphene oxide-Au nanoparticles composite film at glassy carbon electrode for anodic stripping voltammetric analysis of trace arsenic(III). *Sensors and Actuators B: Chemical*, **2013**, 188, 894-901	8.5	77
112	Square wave anodic stripping voltammetric determination of Cd and Pb ions at a Bi/Nafion/thiolated polyaniline/glassy carbon electrode. *Electrochemistry Communications*, **2012**, 15, 34-37	5.1	78
111	Preparation of Au-film electrodes in glucose-containing Au-electroplating aqueous bath for high-performance nonenzymatic glucose sensor and glucose/O2 fuel cell. *Electrochemistry Communications*, **2012**, 18, 108-111	5.1	28
110	Fabrication of a chitosan/glucose oxidase-poly(anilineboronic acid)-Au(nano)/Au-plated Au electrode for biosensor and biofuel cell. *Biosensors and Bioelectronics*, **2012**, 31, 357-62	11.8	31
109	Highly sensitive phenolic biosensor based on magnetic polydopamine-laccase-Fe3O4 bionanocomposite. *Sensors and Actuators B: Chemical*, **2012**, 168, 46-53	8.5	43
108	An reagentless glucose biosensor based on direct electrochemistry of glucose oxidase immobilized on poly(methylene blue) doped silica nanocomposites. *Sensors and Actuators B: Chemical*, **2012**, 165, 126-132	8.5	41
107	Square wave anodic stripping voltammetric determination of lead(II) using a glassy carbon electrode modified with a lead ionophore and multiwalled carbon nanotubes. *Mikrochimica Acta*, **2012**, 176, 81-89	5.8	17
106	A graphene–platinum nanoparticles–ionic liquid composite catalyst for methanol-tolerant oxygen reduction reaction. *Energy and Environmental Science*, **2012**, 5, 6923	35.4	112
105	Quartz crystal microbalance monitoring of intervention of doxorubicin-loaded core–shell magnetic silica nanospheres on human breast cancer cells (MCF-7). *Sensors and Actuators B: Chemical*, **2012**, 173, 433-440	8.5	8
104	Au-supported Pt-Au mixed atomic monolayer electrocatalyst with ultrahigh specific activity for oxidation of formic acid in acidic solution. *Chemical Communications*, **2012**, 48, 12106-8	5.8	21
103	Facile Synthesis of Prussian Blue-Filled Multiwalled Carbon Nanotubes Nanocomposites: Exploring Filling/Electrochemistry/Mass-Transfer in Nanochannels and Cooperative Biosensing Mode. *Journal of Physical Chemistry C*, **2012**, 116, 20908-20917	3.8	27
102	A dynamic study on reversal of multidrug resistance by ginsenoside Rh1 in adriamycin-resistant human breast cancer MCF-7 cells. *Talanta*, **2012**, 88, 345-51	6.2	17
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