

Guoyue Shi

List of Publications by Year in descending order

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papers

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127
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citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide metal-organic framework as a paper strip sensor for visual detection of sulfonamide with smartphone-based point-of-care platform. <i>Talanta</i> , 2022, 237, 122920.	5.5	17
2	Progress on the reaction-based methods for detection of endogenous hydrogen sulfide. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2809-2839.	3.7	18
3	A multifunctional upconversion nanoparticles probe for Cu ²⁺ sensing and pattern recognition of biothiols. <i>Chinese Chemical Letters</i> , 2022, 33, 3782-3786.	9.0	13
4	Interface engineering with self-assembling Au@Ag@ β -cyclodextrin bimetal nanoparticles to fabricate a ring-like arrayed SERS substrate for sensitive recognition of phthalate esters based on a host-guest interaction and the coffee ring effect. <i>Analytical Methods</i> , 2022, 14, 259-268.	2.7	5
5	High-Performance Extended-Gate Field-Effect Transistor for Kinase Sensing in $\text{A}\beta$ Accumulation of Alzheimer's Disease. <i>Analytical Chemistry</i> , 2022, 94, 1491-1497.	6.5	11
6	Rational design of a self-assembled surfactant film in nanopipettes: combined fluorescence and electrochemical sensing. <i>Chemical Communications</i> , 2022, 58, 2140-2143.	4.1	3
7	Wound Dressing: From Nanomaterials to Diagnostic Dressings and Healing Evaluations. <i>ACS Nano</i> , 2022, 16, 1708-1733.	14.6	173
8	Rational design of MoS ₂ QDs and Eu ³⁺ as a ratiometric fluorescent probe for point-of-care visual quantitative detection of tetracycline via smartphone-based portable platform. <i>Analytica Chimica Acta</i> , 2022, 1198, 339572.	5.4	35
9	<i>In Vivo</i> Monitoring of pH in Subacute PD Mouse Brains with a Ratiometric Electrochemical Microsensor Based on Poly(melamine) Films. <i>ACS Sensors</i> , 2022, 7, 235-244.	7.8	12
10	A sensitive fluorescent probe for β -galactosidase activity detection and application in ovarian tumor imaging. <i>Journal of Materials Chemistry B</i> , 2021, 9, 170-175.	5.8	13
11	Red-to-blue paper-based colorimetric sensor integrated with smartphone for point-of-use analysis of cerebral AChE upon Cd ²⁺ exposure. <i>Nanoscale</i> , 2021, 13, 1283-1290.	5.6	14
12	Colorimetric recognition of lanthanide ions with a complexometric indicator array. <i>Analyst</i> , The, 2021, 146, 4441-4445.	3.5	3
13	Ionic Liquid-Functionalized Magnetic Metal-Organic Framework Nanocomposites for Efficient Extraction and Sensitive Detection of Fluoroquinolone Antibiotics in Environmental Water. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 5357-5367.	8.0	75
14	Dual-emission fluorescence biosensing of vancomycin based on AIEgen-peptide conjugates and aptamer-modified Au nanoclusters. <i>Analytica Chimica Acta</i> , 2021, 1150, 238177.	5.4	18
15	Using a High Quantum Yield Fluorescent Probe with Two-Photon Excitation to Detect Cisplatin in Biological Systems. <i>ACS Sensors</i> , 2021, 6, 1400-1406.	7.8	5
16	A fluorescence biosensor for therapeutic drug monitoring of vancomycin using <i>in vivo</i> microdialysis. <i>Analytica Chimica Acta</i> , 2021, 1151, 338250.	5.4	11
17	Selection of a Structure-Switching Aptamer for the Specific Methotrexate Detection. <i>ACS Sensors</i> , 2021, 6, 2436-2441.	7.8	20
18	A ratiometric electrochemical microsensor for monitoring chloride ions <i>in vivo</i> . <i>Analyst</i> , The, 2021, 146, 6202-6210.	3.5	5

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19	Coordination of Ligand-Protected Metal Nanoclusters and Glass Nanopipettes: Conversion of a Liquid-Phase Fluorometric Assay into an Enhanced Nanopore Analysis. <i>Analytical Chemistry</i> , 2021, 93, 1779-1785.	6.5	16
20	A highly selective ATP-responsive biomimetic nanochannel based on smart copolymer. <i>Analytica Chimica Acta</i> , 2021, 1188, 339167.	5.4	4
21	An enhanced fluorescent probe through the strategy of using MgWO ₄ nanosheets to enhance terbium ion luminescence for highly sensitive and point-of-care visual quantitative testing of ciprofloxacin integrated with a low-cost smartphone-based platform. <i>Analyst, The</i> , 2021, 146, 7710-7719.	3.5	2
22	Tailoring Oxygen-Containing Groups on Graphene for Ratiometric Electrochemical Measurements of Ascorbic Acid in Living Subacute Parkinson's Disease Mouse Brains. <i>Analytical Chemistry</i> , 2021, 93, 16598-16607.	6.5	13
23	A dual-channel colorimetric and fluorescent sensor for the rapid and ultrasensitive detection of kanamycin based on gold nanoparticles-copper nanoclusters. <i>Analytical Methods</i> , 2021, 13, 5813-5820.	2.7	6
24	Competitive redox reaction of Au-NCs/MnO ₂ nanocomposite: Toward colorimetric and fluorometric detection of acid phosphatase as an indicator of soil cadmium contamination. <i>Analytica Chimica Acta</i> , 2020, 1096, 174-183.	5.4	24
25	Sensitive and Selective Measurement of Hydroxyl Radicals at Subcellular Level with Tungsten Nanoelectrodes. <i>Analytical Chemistry</i> , 2020, 92, 2543-2549.	6.5	35
26	Design of smart chemical "tongue" sensor arrays for pattern-recognition-based biochemical sensing applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115794.	11.4	39
27	Ultra-small CoO _x /GO catalyst supported on ITO glass obtained by electrochemical post-treatment of a redox-active infinite coordination polymer: a portable reactor for real-time monitoring of catalytic oxidative degradation of colored wastewater. <i>Environmental Science: Nano</i> , 2020, 7, 554-570.	4.3	12
28	Functionalized ionic liquids-supported metal organic frameworks for dispersive solid phase extraction of sulfonamide antibiotics in water samples. <i>Analytica Chimica Acta</i> , 2020, 1133, 88-98.	5.4	36
29	<i>In situ</i> detection of hydroxyl radicals in mitochondrial oxidative stress with a nanopipette electrode. <i>Chemical Communications</i> , 2020, 56, 13225-13228.	4.1	18
30	Molybdenum disulfide nanosheets-based fluorescent "off-to-on" probe for targeted monitoring and inhibition of β -amyloid oligomers. <i>Analyst, The</i> , 2020, 145, 6369-6377.	3.5	20
31	Gelsolin Encountering Ag Nanorods/Triangles: An Aggregation-Based Colorimetric Sensor Array for <i>In Vivo</i> Monitoring the Cerebrospinal A β ₄₂ as an Indicator of Cd ²⁺ Exposure-Related Alzheimer's Disease Pathogenesis. <i>ACS Applied Bio Materials</i> , 2020, 3, 7965-7973.	4.6	9
32	Electrochemical Strategy for Analyzing the Co-evolution of Cu ²⁺ and H_2O_2 Levels at the Early Stages of Transgenic AD Mice. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42595-42603.	8.0	9
33	A single-component yet multifunctional tongue-mimicking sensor array for upconversion fluorescence biosensing. <i>Analyst, The</i> , 2020, 145, 7191-7196.	3.5	9
34	Stimulus Response of GQD-Sensitized Tb/GMP ICP Nanoparticles with Dual-Responsive Ratiometric Fluorescence: Toward Point-of-Use Analysis of Acetylcholinesterase and Organophosphorus Pesticide Poisoning with Acetylcholinesterase as a Biomarker. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42119-42128.	8.0	42
35	Stimulus Response of TPE-TS@Eu/GMP ICPs: Toward Colorimetric Sensing of an Anthrax Biomarker with Double Ratiometric Fluorescence and Its Coffee Ring Test Kit for Point-of-Use Application. <i>Analytical Chemistry</i> , 2020, 92, 12934-12942.	6.5	48
36	Fluorescent pattern recognition of metal ions by nanoparticles of bovine serum albumin as a chemical nose/tongue. <i>Analyst, The</i> , 2020, 145, 6222-6226.	3.5	7

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37	A smartphone-based platform for point-of-use determination of alkaline phosphatase as an indicator of water eutrophication. <i>Mikrochimica Acta</i> , 2020, 187, 354.	5.0	10
38	An Electrochemophysiological Microarray for Real-time Monitoring and Quantification of Multiple Ions in the Brain of a Freely Moving Rat. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10426-10430.	13.8	50
39	Facile Ratiometric Electrochemical Sensor for In Vivo/Online Repetitive Measurements of Cerebral Ascorbic Acid in Brain Microdialysate. <i>Analytical Chemistry</i> , 2020, 92, 3981-3989.	6.5	47
40	Interface engineering of microelectrodes toward ultrasensitive monitoring of β -amyloid peptides in cerebrospinal fluid in Alzheimer's disease. <i>Analyst</i> , 2020, 145, 2331-2338.	3.5	17
41	Carbon dots sensitized lanthanide infinite coordination polymer nanoparticles: Towards ratiometric fluorescent sensing of cerebrospinal Al^{3+} monomer as a biomarker for Alzheimer's disease. <i>Analytica Chimica Acta</i> , 2020, 1105, 147-154.	5.4	38
42	Double molecular recognition strategy based on boronic acid-diol and NHS ester-amine for selective electrochemical detection of cerebral dopamine. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3727-3736.	3.7	6
43	An Electrochemophysiological Microarray for Real-time Monitoring and Quantification of Multiple Ions in the Brain of a Freely Moving Rat. <i>Angewandte Chemie</i> , 2020, 132, 10512-10516.	2.0	16
44	A self-calibrating logic system and oxidase-based biosensor using Tb^{3+} -doped carbon dots/DNA conjugates. <i>Talanta</i> , 2019, 191, 235-240.	5.5	22
45	The Marriage of Protein and Lanthanide: Unveiling a Time-Resolved Fluorescence Sensor Array Regulated by pH toward High-Throughput Assay of Metal Ions in Biofluids. <i>Analytical Chemistry</i> , 2019, 91, 11170-11177.	6.5	57
46	In vivo monitoring of cerebral glucose with an updated on-line electroanalytical system. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5929-5935.	3.7	6
47	Rational Design of Stimuli-Responsive Polymers Modified Nanopores for Selective and Sensitive Determination of Salivary Glucose. <i>Analytical Chemistry</i> , 2019, 91, 14029-14035.	6.5	26
48	Tailor-Made Engineering of Bioinspired Inks for Writing Barcode-like Multifunctional Sensory Electronics. <i>ACS Sensors</i> , 2019, 4, 2588-2592.	7.8	10
49	In vivo monitoring of superoxide anion from Alzheimer's rat brains with functionalized ionic liquid polymer decorated microsensor. <i>Biosensors and Bioelectronics</i> , 2019, 144, 111665.	10.1	27
50	Three-Dimensional Porous $\text{Ti}_3\text{C}_2\text{Tx}$ MXene-Graphene Hybrid Films for Glucose Biosensing. <i>ACS Applied Nano Materials</i> , 2019, 2, 6537-6545.	5.0	112
51	Rational design of an ionic liquid dispersive liquid-liquid micro-extraction method for the detection of organophosphorus pesticides. <i>Analyst</i> , 2019, 144, 2166-2172.	3.5	21
52	Enantiomers of Single Chirality Nanotube as Chiral Recognition Interface for Enhanced Electrochemical Chiral Analysis. <i>Analytical Chemistry</i> , 2019, 91, 3015-3020.	6.5	58
53	Manganese(II)-doped zinc/germanium oxide nanoparticles as a viable fluorescent probe for visual and time-resolved fluorometric determination of ascorbic acid and its oxidase. <i>Mikrochimica Acta</i> , 2019, 186, 466.	5.0	15
54	Coordination polymers of Tb^{3+} /Nucleotide as smart chemical nose/tongue toward pattern-recognition-based and time-resolved fluorescence sensing. <i>Biosensors and Bioelectronics</i> , 2019, 139, 111335.	10.1	25

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55	Time-space-resolved origami hierarchical electronics for ultrasensitive detection of physical and chemical stimuli. <i>Nature Communications</i> , 2019, 10, 1120.	12.8	50
56	An electrochemical biosensor based on double molecular recognition for selective monitoring of cerebral dopamine dynamics at 4 min interval. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 356-363.	7.8	17
57	Facile reflux synthesis of polyethyleneimine-capped fluorescent carbon dots for sequential bioassays toward Cu ²⁺ /H ₂ S and its application for a logic system. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 426-433.	3.1	15
58	Fabrication of a low background signal glucose biosensor with 3D network materials as the electrocatalyst. <i>Analytical Biochemistry</i> , 2019, 567, 63-71.	2.4	14
59	Multifunctional fluorescent sensing of chemical and physical stimuli using smart riboflavin-5-phosphate/Eu ³⁺ coordination polymers. <i>Analytica Chimica Acta</i> , 2018, 1012, 74-81.	5.4	14
60	Lanthanide-doped nanoparticles encountering porphyrin hydrate: Boosting a dual-mode optical nanokit for Cu ²⁺ sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 108-114.	7.8	33
61	DNA Encountering Terbium(III): A Smart "Chemical Nose/Tongue" for Large-Scale Time-Gated Luminescent and Lifetime-Based Sensing. <i>Analytical Chemistry</i> , 2018, 90, 3443-3451.	6.5	53
62	Development of Glass-sealed Gold Nanoelectrodes for <i>in vivo</i> Detection of Dopamine in Rat Brain. <i>Electroanalysis</i> , 2018, 30, 1041-1046.	2.9	12
63	Colorimetric Detection of Carcinogenic Aromatic Amine Using Layer-by-Layer Graphene Oxide/Cytochrome <i>c</i> Composite. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11350-11360.	8.0	5
64	GelRed/[G3T]5/Tb ³⁺ hybrid: A novel label-free ratiometric fluorescent probe for H ₂ O ₂ and oxidase-based visual biosensing. <i>Biosensors and Bioelectronics</i> , 2018, 100, 526-532.	10.1	31
65	Label-free non-invasive fluorescent pattern discrimination of thiols and chiral recognition of cysteine enantiomers in biofluids using a bioinspired copolymer-Cu ²⁺ hybrid sensor array regulated by pH. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6877-6883.	5.8	9
66	pH-Regulated Optical Performances in Organic/Inorganic Hybrid: A Dual-Mode Sensor Array for Pattern-Recognition-Based Biosensing. <i>Analytical Chemistry</i> , 2018, 90, 10536-10542.	6.5	39
67	The Chemistry of Europium(III) Encountering DNA: Sprouting Unique Sequence-Dependent Performances for Multifunctional Time-Resolved Luminescent Assays. <i>Analytical Chemistry</i> , 2018, 90, 10614-10620.	6.5	28
68	Inorganic-Organic Hybrid Tongue-Mimic for Time-Resolved Luminescent Noninvasive Pattern and Chiral Recognition of Thiols in Biofluids toward Healthcare Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31725-31734.	8.0	28
69	Bioinspired Copolymers Based Nose/Tongue-Mimic Chemosensor for Label-Free Fluorescent Pattern Discrimination of Metal Ions in Biofluids. <i>Analytical Chemistry</i> , 2018, 90, 8248-8253.	6.5	54
70	Rational Design of a Stimuli-Responsive Polymer Electrode Interface Coupled with <i>in Vivo</i> Microdialysis for Measurement of Sialic Acid in Live Mouse Brain in Alzheimer's Disease. <i>ACS Sensors</i> , 2017, 2, 394-400.	7.8	37
71	Highly sensitive QDs-MnO ₂ based assay with turn-on fluorescence for monitoring cerebrospinal acetylcholinesterase fluctuation: A biomarker for organophosphorus pesticides poisoning and management. <i>Environmental Pollution</i> , 2017, 224, 436-444.	7.5	36
72	Nanomolar sensitive colorimetric assay for Mn ²⁺ using cysteic acid-capped silver nanoparticles and theoretical investigation of its sensing mechanism. <i>Analytica Chimica Acta</i> , 2017, 980, 65-71.	5.4	12

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73	Dual lanthanide-doped complexes: the development of a time-resolved ratiometric fluorescent probe for anthrax biomarker and a paper-based visual sensor. <i>Biosensors and Bioelectronics</i> , 2017, 94, 388-393.	10.1	153
74	β -cyclodextrin-ionic liquid polymer based dynamically coating for simultaneous determination of tetracyclines by capillary electrophoresis. <i>Electrophoresis</i> , 2017, 38, 1060-1067.	2.4	44
75	Biomimetic Mineralization of Gold Nanoclusters as Multifunctional Thin Films for Glass Nanopore Modification, Characterization, and Sensing. <i>Analytical Chemistry</i> , 2017, 89, 7886-7892.	6.5	31
76	Ionic liquids modified graphene oxide composites: a high efficient adsorbent for phthalates from aqueous solution. <i>Scientific Reports</i> , 2016, 6, 38417.	3.3	44
77	Polyacrylic acid-coated cerium oxide nanoparticles: An oxidase mimic applied for colorimetric assay to organophosphorus pesticides. <i>Biosensors and Bioelectronics</i> , 2016, 85, 457-463.	10.1	85
78	Colorimetric assay for on-the-spot alcoholic strength sensing in spirit samples based on dual-responsive lanthanide coordination polymer particles with ratiometric fluorescence. <i>Analytica Chimica Acta</i> , 2016, 942, 96-103.	5.4	30
79	Selective and Sensitive Monitoring of Cerebral Antioxidants Based on the Dye-Labeled DNA/Polydopamine Conjugates. <i>Analytical Chemistry</i> , 2016, 88, 11647-11653.	6.5	48
80	Wettability Switching of Electrode for Signal Amplification: Conversion of Conformational Change of Stimuli-Responsive Polymer into Enhanced Electrochemical Chiral Analysis. <i>Analytical Chemistry</i> , 2016, 88, 12219-12226.	6.5	41
81	An integrated logic system for time-resolved fluorescent "turn-on" detection of cysteine and histidine base on terbium (III) coordination polymer-copper (II) ensemble. <i>Talanta</i> , 2016, 158, 208-213.	5.5	41
82	In vivo monitoring of local pH values in a live rat brain based on the design of a specific electroactive molecule for H ⁺ . <i>Chemical Communications</i> , 2016, 52, 3717-3720.	4.1	44
83	Functional surface engineering of quantum dot hydrogels for selective fluorescence imaging of extracellular lactate release. <i>Biosensors and Bioelectronics</i> , 2016, 80, 315-322.	10.1	27
84	"Molecular beacon"-hosted thioflavin T: Applications for label-free fluorescent detection of iodide and logic operations. <i>Talanta</i> , 2016, 150, 615-621.	5.5	8
85	Stimulus Response of Au-NPs@GMP-Tb Core-Shell Nanoparticles: Toward Colorimetric and Fluorescent Dual-Mode Sensing of Alkaline Phosphatase Activity in Algal Blooms of a Freshwater Lake. <i>Environmental Science & Technology</i> , 2016, 50, 847-855.	10.0	64
86	Quantum dot-DNA aptamer conjugates coupled with capillary electrophoresis: A universal strategy for ratiometric detection of organophosphorus pesticides. <i>Talanta</i> , 2016, 146, 55-61.	5.5	97
87	Determination of three estrogens and bisphenol A by functional ionic liquid dispersive liquid-phase microextraction coupled with ultra-high performance liquid chromatography and ultraviolet detection. <i>Journal of Separation Science</i> , 2015, 38, 2158-2166.	2.5	27
88	Valence-tautomeric infinite coordination polymer nanoparticles for encapsulation of rhodamine B and its potential application for colorimetric and fluorescence dual mode sensing of hypochlorite. <i>RSC Advances</i> , 2015, 5, 107964-107969.	3.6	17
89	Gelsolin bound β -amyloid peptides (1 ⁴⁰ /1 ⁴²): Electrochemical evaluation of levels of soluble peptide associated with Alzheimer's disease. <i>Biosensors and Bioelectronics</i> , 2015, 68, 115-121.	10.1	64
90	A Selective and Accurate Ratiometric Electrochemical Biosensor for Monitoring of Cu ²⁺ Ions in a Rat Brain. <i>Analytical Chemistry</i> , 2015, 87, 2931-2936.	6.5	113

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91	Selective extraction and analysis of catecholamines in rat blood microdialysate by polymeric ionic liquid-diphenylboric acid-packed capillary column and fast separation in high-performance liquid chromatography-electrochemical detector. <i>Journal of Chromatography A</i> , 2015, 1409, 125-131.	3.7	13
92	Development of Au Disk Nanoelectrode Down to 3 nm in Radius for Detection of Dopamine Release from a Single Cell. <i>Analytical Chemistry</i> , 2015, 87, 5531-5538.	6.5	63
93	Visual fluorescence detection of H ₂ O ₂ and glucose based on a molecular beacon-hosted Hoechst dyes. <i>Analyst</i> , The, 2015, 140, 3642-3647.	3.5	17
94	Determination of Endocrine Disruptors in Environmental Water by Single-Drop Microextraction and High-Performance Liquid Chromatography. <i>Analytical Letters</i> , 2015, 48, 710-725.	1.8	11
95	Synthesis of graphene supported graphene-like C ₃ N ₄ metal-free layered nanosheets for enhanced electrochemical performance and their biosensing for biomolecules. <i>Talanta</i> , 2015, 132, 871-876.	5.5	49
96	Development of gold nanoparticle-sheathed glass capillary nanoelectrodes for sensitive detection of cerebral dopamine. <i>Biosensors and Bioelectronics</i> , 2015, 63, 262-268.	10.1	32
97	DNA-based sensitization of Tb ³⁺ luminescence regulated by Ag ⁺ and cysteine: use as a logic gate and a H ₂ O ₂ sensor. <i>Chemical Communications</i> , 2014, 50, 4677-4679.	4.1	41
98	Time-resolved probes and oxidase-based biosensors using terbium(III)-guanosine monophosphate-mercury(II) coordination polymer nanoparticles. <i>Chemical Communications</i> , 2014, 50, 12855-12858.	4.1	47
99	A Method for Evaluating the Level of Soluble A β (1-40/1-42) in Alzheimer's Disease Based on the Binding of Gelsolin to A β Peptides. <i>Angewandte Chemie</i> , 2014, 126, 13046-13049.	2.0	20
100	Boronic acid functionalized graphene quantum dots as a fluorescent probe for selective and sensitive glucose determination in microdialysate. <i>Chemical Communications</i> , 2013, 49, 9830.	4.1	180
101	Hybrid nanotube-graphene junctions: spin degeneracy breaking and tunable electronic structure. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20281.	2.8	5
102	A novel composite of SiO ₂ -coated graphene oxide and molecularly imprinted polymers for electrochemical sensing dopamine. <i>Biosensors and Bioelectronics</i> , 2013, 45, 25-33.	10.1	226
103	Photochemical Synthesis of Noble Metal (Ag, Pd, Au, Pt) on Graphene/ZnO Multihybrid Nanoarchitectures as Electrocatalysis for H ₂ O ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6762-6768.	8.0	140
104	Size-controllable preparation of palladium nanoparticles assembled on TiO ₂ /graphene nanosheets and their electrocatalytic activity for glucose biosensing. <i>Analytical Methods</i> , 2013, 5, 7049.	2.7	12
105	A novel electrochemical sensor based on boronic acid-functionalized multi-walled carbon nanotubes for astragaloside IV determination using ARS as the current indicator. <i>Analytical Methods</i> , 2012, 4, 492-495.	2.7	7
106	Fe ₃ O ₄ @Au sphere molecular imprinting with self-assembled monolayer for the recognition of parathion-methyl. <i>Analytical Methods</i> , 2011, 3, 2313.	2.7	19
107	A Sensitive Nanoporous Gold-Based Electrochemical DNA Biosensor for <i>Escherichia coli</i> Detection. <i>Analytical Letters</i> , 2011, 44, 2559-2570.	1.8	15
108	Facile Synthesis of Leaf-Like CuO Nanoparticles and Their Application on Glucose Biosensor. <i>Electroanalysis</i> , 2011, 23, 497-502.	2.9	51

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109	Determination of Parathion-methyl in Vegetables by Fluorescent-Labeled Molecular Imprinted Polymer. Chinese Journal of Chemistry, 2011, 29, 2134-2140.	4.9	9
110	Enhanced Visible-Light-Induced Photoelectrocatalytic Degradation of Methyl Orange by CdS Sensitized TiO ₂ Nanotube Arrays Electrode. Chinese Journal of Chemistry, 2011, 29, 2505-2510.	4.9	11
111	Glucose Biosensor Based on the Fabrication of Glucose Oxidase in the Bio-Inspired Polydopamine-Gold Nanoparticle Composite Film. Chinese Journal of Chemistry, 2010, 28, 2489-2493.	4.9	10
112	Electrochemical Sensor Prepared from Molecularly Imprinted Polymer for Recognition of 1,3-Dinitrobenzene (DNB). Chinese Journal of Chemistry, 2009, 27, 2043-2048.	4.9	18
113	A Simple and Sensitive Method for the Amperometric Detection of Trace Chromium(VI) Based on Prussian Blue Modified Glassy Carbon Electrode. Electroanalysis, 2009, 21, 1678-1684.	2.9	27
114	Ultrasensitive Voltammetric Detection of Trace Lead(II) and Cadmium(II) Using MWCNTs-Nafion/Bismuth Composite Electrodes. Electroanalysis, 2008, 20, 2655-2662.	2.9	159
115	Sonophotoelectrocatalytic degradation of azo dye on TiO ₂ nanotube electrode. Ultrasonics Sonochemistry, 2008, 15, 370-375.	8.2	33
116	Electrochemistry and Electrocatalytic Properties of Hemoglobin in Layer-by-Layer Films of SiO ₂ with Vapor-Surface Sol-Gel Deposition. Analytical Chemistry, 2007, 79, 3581-3588.	6.5	98
117	Ti/TiO ₂ Electrode Preparation Using Laser Anneal and Its Application to Determination of Chemical Oxygen Demand. Electroanalysis, 2006, 18, 1014-1018.	2.9	34
118	Photoelectro-Synergistic Catalysis at Ti/TiO ₂ /PbO ₂ Electrode and Its Application on Determination of Chemical Oxygen Demand. Electroanalysis, 2006, 18, 2251-2256.	2.9	31
119	On-line biosensors for simultaneous determination of glucose, choline, and glutamate integrated with a microseparation system. Electrophoresis, 2003, 24, 3266-3272.	2.4	18
120	Solid-state pH ultramicrosensor based on a tungstic oxide film fabricated on a tungsten nanoelectrode and its application to the study of endothelial cells. Analytica Chimica Acta, 2003, 480, 109-117.	5.4	61
121	The study of Nafion/xanthine oxidase/Au colloid chemically modified biosensor and its application in the determination of hypoxanthine in myocardial cells in vivo. Analyst, The, 2002, 127, 396-400.	3.5	17
122	Study of an Au colloid self-assembled electrode and its application to the determination of carbon monoxide. Fresenius' Journal of Analytical Chemistry, 2001, 370, 878-882.	1.5	4
123	High Performance Liquid Chromatography-Electrochemical Detection (HPLC-ECD) for the Pharmacokinetic Studies of Acetaminophen with Microdialysis. Electroanalysis, 1999, 11, 432-437.	2.9	14
124	A New Ultramicrosensor for Nitric Oxide Based on Electropolymerized Film of Nickel Salen. Analytical Letters, 1998, 31, 1991-2007.	1.8	18