Guoyue Shi

List of Publications by Year
in descending order

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124	4,398	94433 37	133252 59
papers	citations	h-index	g-index

127	127	127	5230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel composite of SiO2-coated graphene oxide and molecularly imprinted polymers for electrochemical sensing dopamine. Biosensors and Bioelectronics, 2013, 45, 25-33.	10.1	226
2	Boronic acid functionalized graphene quantum dots as a fluorescent probe for selective and sensitive glucose determination in microdialysate. Chemical Communications, 2013, 49, 9830.	4.1	180
3	Wound Dressing: From Nanomaterials to Diagnostic Dressings and Healing Evaluations. ACS Nano, 2022, 16, 1708-1733.	14.6	173
4	Ultrasensitive Voltammetric Detection of Trace Lead(II) and Cadmium(II) Using MWCNTsâ€Nafion/Bismuth Composite Electrodes. Electroanalysis, 2008, 20, 2655-2662.	2.9	159
5	Dual lanthanide-doped complexes: the development of a time-resolved ratiometric fluorescent probe for anthrax biomarker and a paper-based visual sensor. Biosensors and Bioelectronics, 2017, 94, 388-393.	10.1	153
6	Photochemical Synthesis of Noble Metal (Ag, Pd, Au, Pt) on Graphene/ZnO Multihybrid Nanoarchitectures as Electrocatalysis for H₂O₂ Reduction. ACS Applied Materials & Interfaces, 2013, 5, 6762-6768.	8.0	140
7	A Selective and Accurate Ratiometric Electrochemical Biosensor for Monitoring of Cu²⁺ Ions in a Rat Brain. Analytical Chemistry, 2015, 87, 2931-2936.	6.5	113
8	Three-Dimensional Porous Ti₃C₂T_x MXeneâ€“Graphene Hybrid Films for Glucose Biosensing. ACS Applied Nano Materials, 2019, 2, 6537-6545.	5.0	112
9	Electrochemistry and Electrocatalytic Properties of Hemoglobin in Layer-by-Layer Films of SiO2with Vaporâ^'Surface Solâ^'Gel Deposition. Analytical Chemistry, 2007, 79, 3581-3588.	6.5	98
10	Quantum dot-DNA aptamer conjugates coupled with capillary electrophoresis: A universal strategy for ratiometric detection of organophosphorus pesticides. Talanta, 2016, 146, 55-61.	5.5	97
11	Polyacrylic acid-coated cerium oxide nanoparticles: An oxidase mimic applied for colorimetric assay to organophosphorus pesticides. Biosensors and Bioelectronics, 2016, 85, 457-463.	10.1	85
12	Ionic Liquid-Functionalized Magnetic Metalâ€“Organic Framework Nanocomposites for Efficient Extraction and Sensitive Detection of Fluoroquinolone Antibiotics in Environmental Water. ACS Applied Materials & Interfaces, 2021, 13, 5357-5367.	8.0	75
13	Gelsolin bound Î²-amyloid peptides (1â€“40/1â€“42) : Electrochemical evaluation of levels of soluble peptide associated with Alzheimer's disease. Biosensors and Bioelectronics, 2015, 68, 115-121.	10.1	64
14	Stimulus Response of Au-NPs@GMP-Tb Coreâ€“Shell Nanoparticles: Toward Colorimetric and Fluorescent Dual-Mode Sensing of Alkaline Phosphatase Activity in Algal Blooms of a Freshwater Lake. Environmental Science & Technology, 2016, 50, 847-855.	10.0	64
15	Development of Au Disk Nanoelectrode Down to 3 nm in Radius for Detection of Dopamine Release from a Single Cell. Analytical Chemistry, 2015, 87, 5531-5538.	6.5	63
16	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
17	Enantiomers of Single Chirality Nanotube as Chiral Recognition Interface for Enhanced Electrochemical Chiral Analysis. Analytical Chemistry, 2019, 91, 3015-3020.	6.5	58
18	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. Analytical Chemistry, 2019, 91, 11170-11177.	6.5	57

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19	Bioinspired Copolymers Based Nose/Tongue-Mimic Chemosensor for Label-Free Fluorescent Pattern Discrimination of Metal Ions in Biofluids. Analytical Chemistry, 2018, 90, 8248-8253.	6.5	54
20	DNA Encountering Terbium(III): A Smart â€œChemical Nose/Tongueâ€•for Large-Scale Time-Gated Luminescent and Lifetime-Based Sensing. Analytical Chemistry, 2018, 90, 3443-3451.	6.5	53
21	Facile Synthesis of Leafâ€Like CuO Nanoparticles and Their Application on Glucose Biosensor. Electroanalysis, 2011, 23, 497-502.	2.9	51
22	Time-space-resolved origami hierarchical electronics for ultrasensitive detection of physical and chemical stimuli. Nature Communications, 2019, 10, 1120.	12.8	50
23	An Electrochemophysiological Microarray for Realâ€Time Monitoring and Quantification of Multiple Ions in the Brain of a Freely Moving Rat. Angewandte Chemie - International Edition, 2020, 59, 10426-10430.	13.8	50
24	Synthesis of graphene supported graphene-like C3N4 metal-free layered nanosheets for enhanced electrochemical performance and their biosensing for biomolecules. Talanta, 2015, 132, 871-876.	5.5	49
25	Selective and Sensitive Monitoring of Cerebral Antioxidants Based on the Dye-Labeled DNA/Polydopamine Conjugates. Analytical Chemistry, 2016, 88, 11647-11653.	6.5	48
26	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. Analytical Chemistry, 2020, 92, 12934-12942.	6.5	48
27	Time-resolved probes and oxidase-based biosensors using terbium(<scp>iii</scp>)â€“guanosine monophosphateâ€“mercury(<scp>ii</scp>) coordination polymer nanoparticles. Chemical Communications, 2014, 50, 12855-12858.	4.1	47
28	Facile Ratiometric Electrochemical Sensor for In Vivo/Online Repetitive Measurements of Cerebral Ascorbic Acid in Brain Microdiaysate. Analytical Chemistry, 2020, 92, 3981-3989.	6.5	47
29	Ionic liquids modified graphene oxide composites: a high efficient adsorbent for phthalates from aqueous solution. Scientific Reports, 2016, 6, 38417.	3.3	44
30	In vivo monitoring of local pH values in a live rat brain based on the design of a specific electroactive molecule for H⁺. Chemical Communications, 2016, 52, 3717-3720.	4.1	44
31	Î²â€cyclodextrinâ€ionic liquid polymer based dynamically coating for simultaneous determination of tetracyclines by capillary electrophoresis. Electrophoresis, 2017, 38, 1060-1067.	2.4	44
32	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. ACS Applied Materials & Interfaces, 2020, 12, 42119-42128.	8.0	42
33	DNA-based sensitization of Tb³⁺ luminescence regulated by Ag⁺ and cysteine: use as a logic gate and a H₂O₂ sensor. Chemical Communications, 2014, 50, 4677-4679.	4.1	41
34	Wettability Switching of Electrode for Signal Amplification: Conversion of Conformational Change of Stimuli-Responsive Polymer into Enhanced Electrochemical Chiral Analysis. Analytical Chemistry, 2016, 88, 12219-12226.	6.5	41
35	An integrated logic system for time-resolved fluorescent â€œturn-onâ€•detection of cysteine and histidine base on terbium (III) coordination polymerâ€“copper (II) ensemble. Talanta, 2016, 158, 208-213.	5.5	41
36	pH-Regulated Optical Performances in Organic/Inorganic Hybrid: A Dual-Mode Sensor Array for Pattern-Recognition-Based Biosensing. Analytical Chemistry, 2018, 90, 10536-10542.	6.5	39

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37	Design of smart chemical â€˜tongueâ€™ sensor arrays for pattern-recognition-based biochemical sensing applications. TrAC - Trends in Analytical Chemistry, 2020, 124, 115794.	11.4	39
38	Carbon dots sensitized lanthanide infinite coordination polymer nanoparticles: Towards ratiometric fluorescent sensing of cerebrospinal AÎ² monomer as a biomarker for Alzheimerâ€™s disease. Analytica Chimica Acta, 2020, 1105, 147-154.	5.4	38
39	Rational Design of a Stimuli-Responsive Polymer Electrode Interface Coupled with in Vivo Microdialysis for Measurement of Sialic Acid in Live Mouse Brain in Alzheimerâ€™s Disease. ACS Sensors, 2017, 2, 394-400.	7.8	37
40	Highly sensitive GQDs-MnO2 based assay with turn-on fluorescence for monitoring cerebrospinal acetylcholinesterase fluctuation: A biomarker for organophosphorus pesticides poisoning and management. Environmental Pollution, 2017, 224, 436-444.	7.5	36
41	Functionalized ionic liquids-supported metal organic frameworks for dispersive solid phase extraction of sulfonamide antibiotics in water samples. Analytica Chimica Acta, 2020, 1133, 88-98.	5.4	36
42	Sensitive and Selective Measurement of Hydroxyl Radicals at Subcellular Level with Tungsten Nanoelectrodes. Analytical Chemistry, 2020, 92, 2543-2549.	6.5	35
43	Rational design of MoS2 QDs and Eu3+ as a ratiometric fluorescent probe for point-of-care visual quantitative detection of tetracycline via smartphone-based portable platform. Analytica Chimica Acta, 2022, 1198, 339572.	5.4	35
44	Ti/TiO2 Electrode Preparation Using Laser Anneal and Its Application to Determination of Chemical Oxygen Demand. Electroanalysis, 2006, 18, 1014-1018.	2.9	34
45	Sonophotoelectrocatalytic degradation of azo dye on TiO2 nanotube electrode. Ultrasonics Sonochemistry, 2008, 15, 370-375.	8.2	33
46	Lanthanide-doped nanoparticles encountering porphyrin hydrate: Boosting a dual-mode optical nanokit for Cu2+ sensing. Sensors and Actuators B: Chemical, 2018, 268, 108-114.	7.8	33
47	Development of gold nanoparticle-sheathed glass capillary nanoelectrodes for sensitive detection of cerebral dopamine. Biosensors and Bioelectronics, 2015, 63, 262-268.	10.1	32
48	Photoelectro-Synergistic Catalysis at Ti/TiO2/PbO2 Electrode and Its Application on Determination of Chemical Oxygen Demand. Electroanalysis, 2006, 18, 2251-2256.	2.9	31
49	Biomimetic Mineralization of Gold Nanoclusters as Multifunctional Thin Films for Glass Nanopore Modification, Characterization, and Sensing. Analytical Chemistry, 2017, 89, 7886-7892.	6.5	31
50	GelRed/[G3T]5/Tb3+ hybrid: A novel label-free ratiometric fluorescent probe for H2O2 and oxidase-based visual biosensing. Biosensors and Bioelectronics, 2018, 100, 526-532.	10.1	31
51	Colorimetric assay for on-the-spot alcoholic strength sensing in spirit samples based on dual-responsive lanthanide coordination polymer particles with ratiometric fluorescence. Analytica Chimica Acta, 2016, 942, 96-103.	5.4	30
52	The Chemistry of Europium(III) Encountering DNA: Sprouting Unique Sequence-Dependent Performances for Multifunctional Time-Resolved Luminescent Assays. Analytical Chemistry, 2018, 90, 10614-10620.	6.5	28
53	Inorganicâ€“Organic Hybrid Tongue-Mimic for Time-Resolved Luminescent Noninvasive Pattern and Chiral Recognition of Thiols in Biofluids toward Healthcare Monitoring. ACS Applied Materials & Interfaces, 2018, 10, 31725-31734.	8.0	28
54	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

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55	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. Journal of Separation Science, 2015, 38, 2158-2166.	2.5	27
56	Functional surface engineering of quantum dot hydrogels for selective fluorescence imaging of extracellular lactate release. Biosensors and Bioelectronics, 2016, 80, 315-322.	10.1	27
57	In vivo monitoring of superoxide anion from Alzheimer's rat brains with functionalized ionic liquid polymer decorated microsensor. Biosensors and Bioelectronics, 2019, 144, 111665.	10.1	27
58	Rational Design of Stimuli-Responsive Polymers Modified Nanopores for Selective and Sensitive Determination of Salivary Glucose. Analytical Chemistry, 2019, 91, 14029-14035.	6.5	26
59	Coordination polymers of Tb3+/Nucleotide as smart chemical nose/tongue toward pattern-recognition-based and time-resolved fluorescence sensing. Biosensors and Bioelectronics, 2019, 139, 111335.	10.1	25
60	Competitive redox reaction of Au-NCs/MnO2 nanocomposite: Toward colorimetric and fluorometric detection of acid phosphatase as an indicator of soil cadmium contamination. Analytica Chimica Acta, 2020, 1096, 174-183.	5.4	24
61	A self-calibrating logic system and oxidase-based biosensor using Tb3+-doped carbon dots/DNA conjugates. Talanta, 2019, 191, 235-240.	5.5	22
62	Rational design of an ionic liquid dispersive liquidâ€“liquid micro-extraction method for the detection of organophosphorus pesticides. Analyst, The, 2019, 144, 2166-2172.	3.5	21
63	A Method for Evaluating the Level of Soluble Î²â€Amyloid_(1â€“40/1â€“42) in Alzheimerâ€™s Disease Based on the Binding of Gelsolin to Î²â€Amyloid Peptides. Angewandte Chemie, 2014, 126, 13046-13049.	2.0	20
64	Molybdenum disulfide nanosheets-based fluorescent â€œoff-to-onâ€•probe for targeted monitoring and inhibition of Î²-amyloid oligomers. Analyst, The, 2020, 145, 6369-6377.	3.5	20
65	Selection of a Structure-Switching Aptamer for the Specific Methotrexate Detection. ACS Sensors, 2021, 6, 2436-2441.	7.8	20
66	Fe3O4@Au sphere molecular imprinting with self-assembled monolayer for the recognition of parathion-methyl. Analytical Methods, 2011, 3, 2313.	2.7	19
67	A New Ultramicrosensor for Nitric Oxide Based on Electropolymerized Film of Nickel Salen. Analytical Letters, 1998, 31, 1991-2007.	1.8	18
68	On-line biosensors for simultaneous determination of glucose, choline, and glutamate integrated with a microseparation system. Electrophoresis, 2003, 24, 3266-3272.	2.4	18
69	Electrochemical Sensor Prepared from Molecularly Imprinted Polymer for Recognition of 1,3â€Dinitrobenzene (DNB). Chinese Journal of Chemistry, 2009, 27, 2043-2048.	4.9	18
70	In situ detection of hydroxyl radicals in mitochondrial oxidative stress with a nanopipette electrode. Chemical Communications, 2020, 56, 13225-13228.	4.1	18
71	Dual-emission fluorescence biosensing of vancomycin based on AIEgenâ€“peptide conjugates and aptamer-modified Au nanoclusters. Analytica Chimica Acta, 2021, 1150, 238177.	5.4	18
72	Progress on the reaction-based methods for detection of endogenous hydrogen sulfide. Analytical and Bioanalytical Chemistry, 2022, 414, 2809-2839.	3.7	18

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73	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
74	Valence-tautomeric infinite coordination polymer nanoparticles for encapsulation of rhodamine B and its potential application for colorimetric and fluorescence dual mode sensing of hypochlorite. RSC Advances, 2015, 5, 107964-107969.	3.6	17
75	Visual fluorescence detection of H2O2 and glucose based on â€œmolecular beaconâ€•hosted Hoechst dyes. Analyst, The, 2015, 140, 3642-3647.	3.5	17
76	An electrochemical biosensor based on double molecular recognition for selective monitoring of cerebral dopamine dynamics at 4â€‰min interval. Sensors and Actuators B: Chemical, 2019, 287, 356-363.	7.8	17
77	Interface engineering of microelectrodes toward ultrasensitive monitoring of Î²-amyloid peptides in cerebrospinal fluid in Alzheimer's disease. Analyst, The, 2020, 145, 2331-2338.	3.5	17
78	Lanthanide metal-organic framework as a paper strip sensor for visual detection of sulfonamide with smartphone-based point-of-care platform. Talanta, 2022, 237, 122920.	5.5	17
79	An Electrochemophysiological Microarray for Realâ€Time Monitoring and Quantification of Multiple Ions in the Brain of a Freely Moving Rat. Angewandte Chemie, 2020, 132, 10512-10516.	2.0	16
80	Coordination of Ligand-Protected Metal Nanoclusters and Glass Nanopipettes: Conversion of a Liquid-Phase Fluorometric Assay into an Enhanced Nanopore Analysis. Analytical Chemistry, 2021, 93, 1779-1785.	6.5	16
81	A Sensitive Nanoporous Gold-Based Electrochemical DNA Biosensor forEscherichia coliDetection. Analytical Letters, 2011, 44, 2559-2570.	1.8	15
82	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. Mikrochimica Acta, 2019, 186, 466.	5.0	15
83	Facile reflux synthesis of polyethyleneimineâ€capped fluorescent carbon dots for sequential bioassays toward Cu²⁺/H₂S and its application for a logic system. Biotechnology and Applied Biochemistry, 2019, 66, 426-433.	3.1	15
84	High Performance Liquid Chromatography-Electrochemical Detection (HPLC-ECD) for the Pharmacokinetic Studies of Acetaminophen with Microdialysis. Electroanalysis, 1999, 11, 432-437.	2.9	14
85	Multifunctional fluorescent sensing of chemical and physical stimuli using smart riboflavin-5â€²-phosphate/Eu3+ coordination polymers. Analytica Chimica Acta, 2018, 1012, 74-81.	5.4	14
86	Fabrication of a low background signal glucose biosensor with 3D network materials as the electrocatalyst. Analytical Biochemistry, 2019, 567, 63-71.	2.4	14
87	Red-to-blue paper-based colorimetric sensor integrated with smartphone for point-of-use analysis of cerebral AChE upon Cd²⁺ exposure. Nanoscale, 2021, 13, 1283-1290.	5.6	14
88	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. Journal of Chromatography A, 2015, 1409, 125-131.	3.7	13
89	A sensitive fluorescent probe for Î²-galactosidase activity detection and application in ovarian tumor imaging. Journal of Materials Chemistry B, 2021, 9, 170-175.	5.8	13
90	Tailoring Oxygen-Containing Groups on Graphene for Ratiometric Electrochemical Measurements of Ascorbic Acid in Living Subacute Parkinsonâ€™s Disease Mouse Brains. Analytical Chemistry, 2021, 93, 16598-16607.	6.5	13

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91	A multifunctional upconversion nanoparticles probe for Cu2+ sensing and pattern recognition of biothiols. Chinese Chemical Letters, 2022, 33, 3782-3786.	9.0	13
92	Size-controllable preparation of palladium nanoparticles assembled on TiO2/graphene nanosheets and their electrocatalytic activity for glucose biosensing. Analytical Methods, 2013, 5, 7049.	2.7	12
93	Nanomolar sensitive colorimetric assay for Mn 2+ using cysteic acid-capped silver nanoparticles and theoretical investigation of its sensing mechanism. Analytica Chimica Acta, 2017, 980, 65-71.	5.4	12
94	Development of Glassâ€sealed Gold Nanoelectrodes for in vivo Detection of Dopamine in Rat Brain. Electroanalysis, 2018, 30, 1041-1046.	2.9	12
95	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. Environmental Science: Nano, 2020, 7, 554-570.	4.3	12
96	In Vivo Monitoring of pH in Subacute PD Mouse Brains with a Ratiometric Electrochemical Microsensor Based on Poly(melamine) Films. ACS Sensors, 2022, 7, 235-244.	7.8	12
97	Enhanced Visibleâ€Lightâ€Induced Photoelectrocatalytic Degradation of Methyl Orange by CdS Sensitized TiO₂ Nanotube Arrays Electrode. Chinese Journal of Chemistry, 2011, 29, 2505-2510.	4.9	11
98	Determination of Endocrine Disruptors in Environmental Water by Single-Drop Microextraction and High-Performance Liquid Chromatography. Analytical Letters, 2015, 48, 710-725.	1.8	11
99	A fluorescence biosensor for therapeutic drug monitoring of vancomycin using inÂvivo microdialysis. Analytica Chimica Acta, 2021, 1151, 338250.	5.4	11
100	High-Performance Extended-Gate Field-Effect Transistor for Kinase Sensing in Aβ² Accumulation of Alzheimerâ€™s Disease. Analytical Chemistry, 2022, 94, 1491-1497.	6.5	11
101	Glucose Biosensor Based on the Fabrication of Glucose Oxidase in the Bioâ€Inspired Polydopamineâ€Gold Nanoparticle Composite Film. Chinese Journal of Chemistry, 2010, 28, 2489-2493.	4.9	10
102	Tailor-Made Engineering of Bioinspired Inks for Writing Barcode-like Multifunctional Sensory Electronics. ACS Sensors, 2019, 4, 2588-2592.	7.8	10
103	A smartphone-based platform for point-of-use determination of alkaline phosphatase as an indicator of water eutrophication. Mikrochimica Acta, 2020, 187, 354.	5.0	10
104	Determination of Parathionâ€methyl in Vegetables by Fluorescentâ€Labeled Molecular Imprinted Polymer. Chinese Journal of Chemistry, 2011, 29, 2134-2140.	4.9	9
105	Label-free non-invasive fluorescent pattern discrimination of thiols and chiral recognition of cysteine enantiomers in biofluids using a bioinspired copolymerâ€“Cu²⁺ hybrid sensor array regulated by pH. Journal of Materials Chemistry B, 2018, 6, 6877-6883.	5.8	9
106	Gelsolin Encountering Ag Nanorods/Triangles: An Aggregation-Based Colorimetric Sensor Array for in Vivo Monitoring the Cerebrospinal Aβ²₄₂% as an Indicator of Cd²⁺ Exposure-Related Alzheimerâ€™s Disease Pathogenesis. ACS Applied Bio Materials, 2020, 3, 7965-7973.	4.6	9
107	Electrochemical Strategy for Analyzing the Co-evolution of Cu2+ and â€¢OH Levels at the Early Stages of Transgenic AD Mice. ACS Applied Materials & Interfaces, 2020, 12, 42595-42603.	8.0	9
108	A single-component yet multifunctional tongue-mimicking sensor array for upconversion fluorescence biosensing. Analyst, The, 2020, 145, 7191-7196.	3.5	9

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109	â€œMolecular beaconâ€•hosted thioflavin T: Applications for label-free fluorescent detection of iodide and logic operations. Talanta, 2016, 150, 615-621.	5.5	8
110	A novel electrochemical sensor based on boronic acid-functionalized multi-walled carbon nanotubes for astragaloside IV determination using ARS as the current indicator. Analytical Methods, 2012, 4, 492-495.	2.7	7
111	Fluorescent pattern recognition of metal ions by nanoparticles of bovine serum albumin as a chemical nose/tongue. Analyst, The, 2020, 145, 6222-6226.	3.5	7
112	In vivo monitoring of cerebral glucose with an updated on-line electroanalytical system. Analytical and Bioanalytical Chemistry, 2019, 411, 5929-5935.	3.7	6
113	Double molecular recognition strategy based on boronic acidâ€“diol and NHS esterâ€“amine for selective electrochemical detection of cerebral dopamine. Analytical and Bioanalytical Chemistry, 2020, 412, 3727-3736.	3.7	6
114	A dual-channel colorimetric and fluorescent sensor for the rapid and ultrasensitive detection of kanamycin based on gold nanoparticles-copper nanoclusters. Analytical Methods, 2021, 13, 5813-5820.	2.7	6
115	Hybrid nanotubeâ€“graphene junctions: spin degeneracy breaking and tunable electronic structure. Physical Chemistry Chemical Physics, 2013, 15, 20281.	2.8	5
116	Colorimetric Detection of Carcinogenic Aromatic Amine Using Layer-by-Layer Graphene Oxide/Cytochrome c Composite. ACS Applied Materials & Interfaces, 2018, 10, 11350-11360.	8.0	5
117	Using a High Quantum Yield Fluorescent Probe with Two-Photon Excitation to Detect Cisplatin in Biological Systems. ACS Sensors, 2021, 6, 1400-1406.	7.8	5
118	A ratiometric electrochemical microsensor for monitoring chloride ions in vivo. Analyst, The, 2021, 146, 6202-6210.	3.5	5
119	Interface engineering with self-assembling Au@Ag@Î²-cyclodextrin bimetal nanoparticles to fabricate a ring-like arrayed SERS substrate for sensitive recognition of phthalate esters based on a hostâ€“guest interaction and the coffee ring effect. Analytical Methods, 2022, 14, 259-268.	2.7	5
120	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
121	A highly selective ATP-responsive biomimetic nanochannel based on smart copolymer. Analytica Chimica Acta, 2021, 1188, 339167.	5.4	4
122	Colorimetric recognition of lanthanide ions with a complexometric indicator array. Analyst, The, 2021, 146, 4441-4445.	3.5	3
123	Rational design of a self-assembled surfactant film in nanopipettes: combined fluorescence and electrochemical sensing. Chemical Communications, 2022, 58, 2140-2143.	4.1	3
124	An enhanced fluorescent probe through the strategy of using MgWO4 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. Analyst, The, 2021, 146, 7710-7719.	3.5	2