

Bin Qiu

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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.

164
papers

3,694
citations

34
h-index

52
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169
ext. papers

4,588
ext. citations

6.5
avg, IF

5.7
L-index

#	Paper	IF	Citations
164	Highly Uniform Gold Nanobipyramids for Ultrasensitive Colorimetric Detection of Influenza Virus. <i>Analytical Chemistry</i> , 2017 , 89, 1617-1623	7.8	145
163	Surface-Enhanced Electrochemiluminescence of Ru@SiO ₂ for Ultrasensitive Detection of Carcinoembryonic Antigen. <i>Analytical Chemistry</i> , 2015 , 87, 5966-72	7.8	126
162	Gold Nanorods as Colorful Chromogenic Substrates for Semiquantitative Detection of Nucleic Acids, Proteins, and Small Molecules with the Naked Eye. <i>Analytical Chemistry</i> , 2016 , 88, 3227-34	7.8	101
161	Highly Selective and Sensitive Electrochemiluminescence Biosensor for p53 DNA Sequence Based on Nicking Endonuclease Assisted Target Recycling and Hyperbranched Rolling Circle Amplification. <i>Analytical Chemistry</i> , 2016 , 88, 5097-103	7.8	101
160	Electrochemiluminescence biosensor for ultrasensitive determination of ochratoxin A in corn samples based on aptamer and hyperbranched rolling circle amplification. <i>Biosensors and Bioelectronics</i> , 2015 , 70, 268-74	11.8	88
159	A universal multicolor immunosensor for semiquantitative visual detection of biomarkers with the naked eyes. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 122-128	11.8	85
158	Ultrasensitive homogeneous electrochemical biosensor for DNA species related to oral cancer based on nicking endonuclease assisted target recycling amplification. <i>Analytical Chemistry</i> , 2015 , 87, 9204-8	7.8	84
157	Noble Metal Nanoparticle-Based Multicolor Immunoassays: An Approach toward Visual Quantification of the Analytes with the Naked Eye. <i>ACS Sensors</i> , 2019 , 4, 782-791	9.2	82
156	Colorimetric detection of microcystin-LR based on disassembly of orient-aggregated gold nanoparticle dimers. <i>Biosensors and Bioelectronics</i> , 2015 , 68, 475-480	11.8	76
155	Facile synthesis of FeO/g-CN/HKUST-1 composites as a novel biosensor platform for ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 718-723	11.8	69
154	An electrochemiluminescence biosensor for Kras mutations based on locked nucleic acid functionalized DNA walkers and hyperbranched rolling circle amplification. <i>Chemical Communications</i> , 2017 , 53, 2910-2913	5.8	68
153	Detection of aflatoxin B in food samples based on target-responsive aptamer-cross-linked hydrogel using a handheld pH meter as readout. <i>Talanta</i> , 2018 , 176, 34-39	6.2	63
152	A sensitive aptasensor for adenosine based on the quenching of Ru(bpy) ₃ (2+)-doped silica nanoparticle ECL by ferrocene. <i>Chemical Communications</i> , 2010 , 46, 7751-3	5.8	62
151	Synthesis of a novel fluorescent probe useful for DNA detection. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 2629-35	11.8	61
150	Exonuclease-Catalyzed Target Recycling Amplification and Immobilization-free Electrochemical Aptasensor. <i>Analytical Chemistry</i> , 2015 , 87, 11826-31	7.8	56
149	Stimulus-response mesoporous silica nanoparticle-based chemiluminescence biosensor for cocaine determination. <i>Biosensors and Bioelectronics</i> , 2016 , 75, 8-14	11.8	55
148	Multicolor biosensor for fish freshness assessment with the naked eye. <i>Sensors and Actuators B: Chemical</i> , 2017 , 252, 201-208	8.5	54

147	Multicolor Colormetric Biosensor for the Determination of Glucose based on the Etching of Gold Nanorods. <i>Scientific Reports</i> , 2016 , 6, 37879	4.9	53
146	Ratiometric Fluorescent Hydrogel Test Kit for On-Spot Visual Detection of Nitrite. <i>ACS Sensors</i> , 2019 , 4, 1252-1260	9.2	52
145	Hyperbranched rolling circle amplification based electrochemiluminescence aptasensor for ultrasensitive detection of thrombin. <i>Biosensors and Bioelectronics</i> , 2015 , 63, 166-171	11.8	50
144	Electrochemiluminescence Biosensor for Glucose Based on Graphene/Nafion/GOD Film Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2010 , 22, 2347-2352	3	50
143	Graphene and Nanogold-Functionalized Immunosensing Interface with Enhanced Sensitivity for One-Step Electrochemical Immunoassay of Alpha-Fetoprotein in Human Serum. <i>Electroanalysis</i> , 2010 , 22, 2720-2728	3	50
142	Ratiometric Immunosensor for GP73 Detection Based on the Ratios of Electrochemiluminescence and Electrochemical Signal Using DNA Tetrahedral Nanostructure as the Carrier of Stable Reference Signal. <i>Analytical Chemistry</i> , 2019 , 91, 3717-3724	7.8	49
141	Surface enhanced electrochemiluminescence of Ru(bpy) ₃ (2+). <i>Scientific Reports</i> , 2015 , 5, 7954	4.9	49
140	Disassembly of gold nanoparticle dimers for colorimetric detection of ochratoxin A. <i>Analytical Methods</i> , 2015 , 7, 842-845	3.2	45
139	Aptamer-based portable biosensor for platelet-derived growth factor-BB (PDGF-BB) with personal glucose meter readout. <i>Biosensors and Bioelectronics</i> , 2014 , 55, 412-6	11.8	44
138	Preparation of an Efficient Ratiometric Fluorescent Nanoprobe (m-CDs@[Ru(bpy)]) for Visual and Specific Detection of Hypochlorite on Site and in Living Cells. <i>ACS Sensors</i> , 2017 , 2, 1684-1691	9.2	42
137	Highly sensitive fluorescent immunosensor for detection of influenza virus based on Ag autocatalysis. <i>Biosensors and Bioelectronics</i> , 2014 , 54, 358-64	11.8	42
136	G-quadruplex DNAzyme as the turn on switch for fluorimetric detection of genetically modified organisms. <i>Chemical Communications</i> , 2011 , 47, 1437-9	5.8	40
135	Homogeneous electrochemical aptasensor for mucin 1 detection based on exonuclease I-assisted target recycling amplification strategy. <i>Biosensors and Bioelectronics</i> , 2018 , 117, 474-479	11.8	40
134	A one-step electrochemiluminescence immunosensor preparation for ultrasensitive detection of carbohydrate antigen 19-9 based on multi-functionalized graphene oxide. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 468-73	11.8	38
133	Highly Sensitive and Selective Photoelectrochemical Aptasensor for Cancer Biomarker CA125 Based on AuNPs/GaN Schottky Junction. <i>Analytical Chemistry</i> , 2020 , 92, 10114-10120	7.8	38
132	Surface Enhanced Electrochemiluminescence for Ultrasensitive Detection of Hg ²⁺ . <i>Electrochimica Acta</i> , 2014 , 150, 123-128	6.7	37
131	A Simple and Convenient Aptasensor for Protein Using an Electronic Balance as a Readout. <i>Analytical Chemistry</i> , 2018 , 90, 1087-1091	7.8	37
130	Structural characterization, hypoglycemic effects and mechanism of a novel polysaccharide from <i>Tetragium hemsleyanum</i> Diels et Gilg. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 775-783	7.9	33

129	Highly sensitive colorimetric aptasensor for ochratoxin A detection based on enzyme-encapsulated liposome. <i>Analytica Chimica Acta</i> , 2018 , 1002, 90-96	6.6	32
128	Polysaccharides from <i>Tetrastigma hemsleyanum</i> Diels et Gilg: Extraction optimization, structural characterizations, antioxidant and antihyperlipidemic activities in hyperlipidemic mice. <i>International Journal of Biological Macromolecules</i> , 2019 , 125, 1033-1041	7.9	32
127	Homogeneous and label-free electrochemiluminescence aptasensor based on the difference of electrostatic interaction and exonuclease-assisted target recycling amplification. <i>Biosensors and Bioelectronics</i> , 2018 , 105, 182-187	11.8	31
126	Electrochemiluminescence biosensor for folate receptor based on terminal protection of small-molecule-linked DNA. <i>Biosensors and Bioelectronics</i> , 2014 , 58, 226-31	11.8	31
125	Dual-color plasmonic enzyme-linked immunosorbent assay based on enzyme-mediated etching of Au nanoparticles. <i>Scientific Reports</i> , 2016 , 6, 32755	4.9	30
124	Determination of nerolidol in teas using headspace solid phase microextraction-gas chromatography. <i>Food Chemistry</i> , 2014 , 152, 285-90	8.5	29
123	Adsorption removal of crystal violet from aqueous solution using a metal-organic frameworks material, copper coordination polymer with dithiooxamide. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 2857-2864	2.9	29
122	Signal-on electrochemiluminescence aptasensor for bisphenol A based on hybridization chain reaction and electrically heated electrode. <i>Biosensors and Bioelectronics</i> , 2019 , 129, 36-41	11.8	29
121	Highly sensitive colorimetric immunosensor for influenza virus H5N1 based on enzyme-encapsulated liposome. <i>Analytica Chimica Acta</i> , 2017 , 963, 112-118	6.6	28
120	Interesting optical variations of the etching of Au Nanobipyramid@Ag Nanorods and its application as a colorful chromogenic substrate for immunoassays. <i>Sensors and Actuators B: Chemical</i> , 2018 , 267, 502-509	8.5	28
119	Sensitive detection of telomerase activity in cancer cells using portable pH meter as readout. <i>Biosensors and Bioelectronics</i> , 2018 , 121, 153-158	11.8	28
118	Boron nitride nanosheets as a platform for fluorescence sensing. <i>Talanta</i> , 2017 , 174, 365-371	6.2	27
117	Highly sensitive visual detection of Avian Influenza A (H7N9) virus based on the enzyme-induced metallization. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 874-80	11.8	27
116	Multicolor ELISA based on alkaline phosphatase-triggered growth of Au nanorods. <i>Analyst, The</i> , 2016 , 141, 2970-6	5	27
115	Immobilization free electrochemical biosensor for folate receptor in cancer cells based on terminal protection. <i>Biosensors and Bioelectronics</i> , 2016 , 86, 496-501	11.8	26
114	Enzyme-free multicolor biosensor based on Cu ²⁺ -modified carbon nitride nanosheets and gold nanobipyramids for sensitive detection of neuron specific enolase. <i>Sensors and Actuators B: Chemical</i> , 2019 , 283, 138-145	8.5	26
113	Sensitive Hyaluronidase Biosensor Based on Target-Responsive Hydrogel Using Electronic Balance as Readout. <i>Analytical Chemistry</i> , 2019 , 91, 11821-11826	7.8	25
112	Application of ordered nanoparticle self-assemblies in surface-enhanced spectroscopy. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 835-860	7.8	25

111	Enzyme-free fluorescent biosensor for miRNA-21 detection based on MnO ₂ nanosheets and catalytic hairpin assembly amplification. <i>Analytical Methods</i> , 2016 , 8, 8492-8497	3.2	25
110	Signal on fluorescence biosensor for MMP-2 based on FRET between semiconducting polymer dots and a metal organic framework. <i>RSC Advances</i> , 2014 , 4, 58852-58857	3.7	25
109	On-spot surface enhanced Raman scattering detection of Aflatoxin B in peanut extracts using gold nanobipyramids evenly trapped into the AAO nanoholes. <i>Food Chemistry</i> , 2020 , 307, 125528	8.5	25
108	Development of an Immunosensor Based on the Exothermic Reaction between HO and CaO Using a Common Thermometer as Readout. <i>ACS Sensors</i> , 2019 , 4, 2375-2380	9.2	23
107	Mechanism study on inorganic oxidants induced inhibition of Ru(bpy) ₃ ⁺ electrochemiluminescence and its application for sensitive determination of some inorganic oxidants. <i>Talanta</i> , 2011 , 85, 339-44	6.2	23
106	Synthesis of N-4-butylamine acridone and its use as fluorescent probe for ctDNA. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 1281-5	11.8	22
105	Ultrasensitive and Portable Assay for Lead(II) Ions by Electronic Balance as a Readout. <i>ACS Sensors</i> , 2019 , 4, 2465-2470	9.2	21
104	Fluorescence determination of acrylamide in heat-processed foods. <i>Talanta</i> , 2014 , 123, 95-100	6.2	21
103	Label-free electrochemical impedance biosensor for sequence-specific recognition of double-stranded DNA. <i>Analytical Methods</i> , 2013 , 5, 5005	3.2	21
102	Highly reproducible ratiometric aptasensor based on the ratio of amplified electrochemiluminescence signal and stable internal reference electrochemical signal. <i>Electrochimica Acta</i> , 2018 , 283, 798-805	6.7	20
101	Enantioselective analysis of melagatran via an LSPR biosensor integrated with a microfluidic chip. <i>Lab on A Chip</i> , 2012 , 12, 3901-6	7.2	20
100	A novel fluorescent biosensor for detection of target DNA fragment from the transgene cauliflower mosaic virus 35S promoter. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 168-71	11.8	20
99	Fluorescence aptasensor for Ochratoxin A in food samples based on hyperbranched rolling circle amplification. <i>Analytical Methods</i> , 2015 , 7, 6109-6113	3.2	19
98	Highly sensitive aptamer based on electrochemiluminescence biosensor for label-free detection of bisphenol A. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 7145-7151	4.4	18
97	Antibacterial mechanism of Tetrastigma hemsleyanum Diels et Gilg polysaccharides by metabolomics based on HPLC/MS. <i>International Journal of Biological Macromolecules</i> , 2019 , 140, 206-215	7.9	18
96	Emission Wavelength Switchable Carbon Dots Combined with Biomimetic Inorganic Nanozymes for a Two-Photon Fluorescence Immunoassay. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 30085-30094	9.5	18
95	Direct visualization of sub-femtomolar circulating microRNAs in serum based on the duplex-specific nuclease-amplified oriented assembly of gold nanoparticle dimers. <i>Chemical Communications</i> , 2016 , 52, 11347-11350	5.8	18
94	Dialysis assisted ligand exchange on gold nanorods: Amplification of the performance of a lateral flow immunoassay for E. coli O157:H7. <i>Mikrochimica Acta</i> , 2018 , 185, 350	5.8	18

93	A Portable Immunosensor with Differential Pressure Gauges Readout for Alpha Fetoprotein Detection. <i>Scientific Reports</i> , 2017 , 7, 45343	4.9	17
92	G-quadruplex DNA biosensor for sensitive visible detection of genetically modified food. <i>Talanta</i> , 2014 , 128, 445-9	6.2	17
91	Electrochemiluminescence determination of codeine or morphine with an organically modified silicate film immobilizing Ru(bpy) ₃ (2+). <i>Luminescence</i> , 2007 , 22, 189-94	2.5	17
90	A Highly Sensitive Electrochemiluminescence Biosensor for Pyrophosphatase Detection Based on Click Chemistry-Triggered Hybridization Chain Reaction in Homogeneous Solution. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 34716-34722	9.5	16
89	Electrochemiluminescence biosensor for hyaluronidase activity detection and inhibitor assay based on the electrostatic interaction between hyaluronic acid and Ru(bpy) ₃ 2+. <i>Sensors and Actuators B: Chemical</i> , 2018 , 275, 409-414	8.5	16
88	Highly Sensitive and Selective Photoelectrochemical Aptasensors for Cancer Biomarkers Based on MoS/Au/GaN Photoelectrodes. <i>Analytical Chemistry</i> , 2021 , 93, 7341-7347	7.8	16
87	Real-Time Visualization of the Single-Nanoparticle Electrocatalytic Hydrogen Generation Process and Activity under Dark Field Microscopy. <i>Analytical Chemistry</i> , 2020 , 92, 9016-9023	7.8	15
86	Hypoglycemic Effects of a Polysaccharide from <i>Tetrastigma hemsleyanum</i> Diels & Gilg in Alloxan-Induced Diabetic Mice. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800070	2.5	15
85	Highly sensitive and selective aflatoxin B biosensor based on Exonuclease I-catalyzed target recycling amplification and targeted response aptamer-crosslinked hydrogel using electronic balances as a readout. <i>Talanta</i> , 2020 , 214, 120862	6.2	14
84	Target-triggered aggregation of gold nanoparticles for photothermal quantitative detection of adenosine using a thermometer as readout. <i>Analytica Chimica Acta</i> , 2020 , 1110, 151-157	6.6	14
83	Homogeneous Electrochemiluminescence Biosensor for the Detection of RNase A Activity and Its Inhibitor. <i>Analytical Chemistry</i> , 2019 , 91, 14751-14756	7.8	14
82	Visual detection of copper(II) based on the aggregation of gold nano-particles via click chemistry. <i>Analytical Methods</i> , 2012 , 4, 612	3.2	14
81	Mechanism study on inhibited Ru(bpy) ₃ (2+) electrochemiluminescence between coreactants. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 12826-32	3.6	14
80	Highly selective fluorescence sensor for hydrogen sulfide based on the Cu(II)-dependent DNAzyme. <i>Journal of Luminescence</i> , 2019 , 207, 369-373	3.8	14
79	Surface Enhanced Electrochemiluminescence Immunoassay for Highly Sensitive Detection of Disease Biomarkers in Whole Blood. <i>Electroanalysis</i> , 2016 , 28, 1783-1786	3	13
78	Determination of magnesium ion in serum samples by a DNAzyme-based electrochemical biosensor. <i>Analytical Methods</i> , 2012 , 4, 947	3.2	13
77	Ultrasensitive Homogeneous Electrochemiluminescence Biosensor for a Transcription Factor Based on Target-Modulated Proximity Hybridization and Exonuclease III-Powered Recycling Amplification. <i>Analytical Chemistry</i> , 2020 , 92, 12686-12692	7.8	13
76	Fluorometric determination of the activity of inorganic pyrophosphatase and its inhibitors by exploiting the peroxidase mimicking properties of a two-dimensional metal organic framework. <i>Mikrochimica Acta</i> , 2019 , 186, 190	5.8	13

75	Discrimination of enantiomers based on LSPR biosensors fabricated with weak enantioselective and nonselective receptors. <i>Biosensors and Bioelectronics</i> , 2013 , 47, 199-205	11.8	12
74	Sensitive biosensor for p53 DNA sequence based on the photothermal effect of gold nanoparticles and the signal amplification of locked nucleic acid functionalized DNA walkers using a thermometer as readout. <i>Talanta</i> , 2020 , 220, 121398	6.2	12
73	An ultrasensitive electrochemiluminescence biosensor for nuclear factor kappa B p50 based on the proximity hybridization-induced hybridization chain reaction. <i>Chemical Communications</i> , 2019 , 55, 12980-12983 ¹²	5.8	12
72	A highly sensitive signal-on biosensor for microRNA 142-3p based on the quenching of Ru(bpy)-TPA electrochemiluminescence by carbon dots and duplex specific nuclease-assisted target recycling amplification. <i>Chemical Communications</i> , 2020 , 56, 6692-6695	5.8	11
71	A fluorescence signal amplification and specific energy transfer strategy for sensitive detection of β -galactosidase based on the effects of AIE and host-guest recognition. <i>Biosensors and Bioelectronics</i> , 2020 , 169, 112655	11.8	11
70	In situ deposition of MOF-74(Cu) nanosheet arrays onto carbon cloth to fabricate a sensitive and selective electrocatalytic biosensor and its application for the determination of glucose in human serum. <i>Mikrochimica Acta</i> , 2020 , 187, 670	5.8	11
69	A novel method for geographical origin identification of <i>Tetrastigma hemsleyanum</i> (Sanyeqing) by near-infrared spectroscopy. <i>Analytical Methods</i> , 2018 , 10, 2980-2988	3.2	11
68	Use of Fourier transform near-infrared spectroscopy combined with a relevance vector machine to discriminate <i>Tetrastigma hemsleyanum</i> (Sanyeqing) from other related species. <i>Analytical Methods</i> , 2017 , 9, 4023-4027	3.2	10
67	Core-satellite assemblies and exonuclease assisted double amplification strategy for ultrasensitive SERS detection of biotoxin. <i>Analytica Chimica Acta</i> , 2020 , 1110, 56-63	6.6	10
66	A Facile Approach for On-Site Evaluation of Nicotine in Tobacco and Environmental Tobacco Smoke. <i>ACS Sensors</i> , 2019 , 4, 1844-1850	9.2	10
65	Preparation of novel core-shell silica particles for pH sensing using ratiometric fluorescence approach. <i>Analytical Methods</i> , 2012 , 4, 1001	3.2	10
64	Specific immunoreaction-induced controlled release strategy for sensitive impedance immunoassay of a cancer marker. <i>Analyst, The</i> , 2011 , 136, 3869-71	5	10
63	Synthesis of a new Ni-phenanthroline complex and its application as an electrochemical probe for detection of nucleic acid. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2270-4	11.8	10
62	Label-free electrochemiluminescence biosensor for ultrasensitive detection of telomerase activity in HeLa cells based on extension reaction and intercalation of Ru(phen) ₃ (2.). <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 7105-11	4.4	10
61	Electrochemiluminescence biosensor for thrombin detection based on metal organic framework with electrochemiluminescence indicator embedded in the framework. <i>Biosensors and Bioelectronics</i> , 2021 , 189, 113374	11.8	10
60	Rapid synthesis of a highly active and uniform 3-dimensional SERS substrate for on-spot sensing of dopamine. <i>Mikrochimica Acta</i> , 2019 , 186, 260	5.8	9
59	Determination of the migration of eight parabens from antibacterial plastic packaging by liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Analytical Methods</i> , 2014 , 6, 2096	3.2	9
58	In situ synthesis of protein-resistant poly(oligo(ethylene glycol)methacrylate) films in capillary for protein separation. <i>RSC Advances</i> , 2014 , 4, 4883	3.7	9

57	Formation and characterization of glutathione adducts derived from polybrominated diphenyl ethers. <i>Chemosphere</i> , 2015 , 120, 365-70	8.4	8
56	Interaction of 2-(2,4,6-tribromophenoxy)-benzoquinone with deoxynucleosides and DNA in vitro. <i>Chemosphere</i> , 2015 , 118, 29-34	8.4	8
55	A reusable and portable immunosensor using personal glucose meter as transducer. <i>Analytical Methods</i> , 2014 , 6, 5264-5268	3.2	8
54	Study on interaction between a new fluorescent probe 2-methylbenzo[b][1,10]phenanthroline-7(12H)-one and BSA. <i>Analyst, The</i> , 2011 , 136, 973-8	5	8
53	Highly Reproducible and Sensitive Electrochemiluminescence Biosensors for HPV Detection Based on Bovine Serum Albumin Carrier Platforms and Hyperbranched Rolling Circle Amplification. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 298-305	9.5	8
52	A surface-enhanced electrochemiluminescence sensor based on Au-SiO ₂ core-shell nanocomposites doped with Ru(bpy) ₃ for the ultrasensitive detection of prostate-specific antigen in human serum. <i>Analyst, The</i> , 2019 , 145, 132-138	5	8
51	Sensing of Hydrogen Sulfide Gas in the Raman-Silent Region Based on Gold Nano-Bipyramids (Au NBPs) Encapsulated by Zeolitic Imidazolate Framework-8. <i>ACS Sensors</i> , 2020 , 5, 3964-3970	9.2	8
50	Convenient detection of HS based on the photothermal effect of Au@Ag nanocubes using a handheld thermometer as readout. <i>Analytica Chimica Acta</i> , 2021 , 1149, 3382-11	6.6	8
49	Electrochemiluminescence Biosensor for the Detection of the Folate Receptor in HeLa Cells Based on Hyperbranched Rolling Circle Amplification and Terminal Protection. <i>ChemElectroChem</i> , 2019 , 6, 827-833	4.3	8
48	Rapid detection of dibutyl phthalate in liquor by a semi-quantitative multicolor immunosensor with naked eyes as readout. <i>Analytical Methods</i> , 2019 , 11, 524-529	3.2	7
47	Enzyme-linked immunosorbent assay for aflatoxin B1 using a portable pH meter as the readout. <i>Analytical Methods</i> , 2018 , 10, 3804-3809	3.2	7
46	Determination of flumioxazin residue in food samples through a sensitive fluorescent sensor based on click chemistry. <i>Food Chemistry</i> , 2014 , 162, 242-6	8.5	7
45	Prussian blue-doped nanogold microspheres for enzyme-free electrocatalytic immunoassay of p53 protein. <i>Mikrochimica Acta</i> , 2014 , 181, 581-588	5.8	7
44	Terminal protection G-quadruplex-based turn-on fluorescence biosensor for H5N1 antibody. <i>Analytical Methods</i> , 2012 , 4, 3425	3.2	7
43	An ultrasensitive biosensor for glucose based on solid-state electrochemiluminescence on GOx/CdS/GCE electrode. <i>Analytical Methods</i> , 2013 , 5, 1941	3.2	7
42	A fluorescence signal amplification strategy for modification-free ratiometric determination of tyrosinase in situ based on the use of dual-templated copper nanoclusters. <i>Mikrochimica Acta</i> , 2020 , 187, 240	5.8	6
41	Fluorescence biosensor for DNA methyltransferase activity and related inhibitor detection based on methylation-sensitive cleavage primer triggered hyperbranched rolling circle amplification. <i>Analytica Chimica Acta</i> , 2020 , 1122, 1-8	6.6	6
40	Photoelectrochemical Biosensor for MicroRNA-21 Based on High Photocurrent of TiO ₂ /Two-Dimensional Coordination Polymer CuCl ₂ (MBA) Photoelectrode. <i>Analytical Chemistry</i> , 2021 , 93, 11010-11018	7.8	6

39	Electrochemiluminescence Sensor for Cancer Cell Detection Based on H ₂ O ₂ -Triggered Stimulus Response System. <i>Journal of Analysis and Testing</i> , 2020 , 4, 128-135	3.2	4
38	Rapid authentication of <i>Pseudostellaria heterophylla</i> (Taizishen) from different regions by near-infrared spectroscopy combined with chemometric methods. <i>Journal of Food Science</i> , 2020 , 85, 2004-2009	3.4	4
37	A homogeneous photoelectrochemical hydrogen sulfide sensor based on the electronic transfer mediated by tetrasulfophthalocyanine. <i>Analyst, The</i> , 2020 , 145, 3543-3548	5	4
36	A Bright Nitrogen-doped-Carbon-Dots based Fluorescent Biosensor for Selective Detection of Copper Ions. <i>Journal of Analysis and Testing</i> , 2021 , 5, 84-92	3.2	4
35	Ultrasensitive Photoelectrochemical Biosensor for microRNA-155 Based on Energy Transfer between Au Nanocages and Red Emission Carbon Dot-Assembled Nanosheets Coupled with the Duplex-Specific Nuclease Enzyme-Assisted Target Recycling Strategy.. <i>Analytical Chemistry</i> , 2021 ,	7.8	4
34	Chemiluminescent sensor for hydrogen sulfide in rat brain microdialysis based on target-induced horseradish peroxidase deactivation. <i>Analytical Methods</i> , 2019 , 11, 3085-3089	3.2	3
33	Dark field microscope-based single nanoparticle identification coupled with statistical analysis for ultrasensitive biotoxin detection in complex sample matrix. <i>Mikrochimica Acta</i> , 2020 , 187, 413	5.8	3
32	Electrochemiluminescent Detection Method for Glyphosate in Soybean on Carbon Fiber-ionic Liquid Paste Electrode. <i>Chinese Journal of Chemistry</i> , 2011 , 29, 581-586	4.9	3
31	A signal-on fluorescence sensor for hydrogen sulphide detection in environmental samples based on silver-mediated base pairs. <i>Analytical Methods</i> , 2020 , 12, 188-192	3.2	3
30	A Novel Enzyme-Responded Controlled Release Electrochemical Biosensor for Hyaluronidase Activity Detection. <i>Journal of Analysis and Testing</i> , 2021 , 5, 69-75	3.2	3
29	Spectroscopy study of the interaction between endocrine disruptor 4-OH-2,2',3,4'-BDE and human serum albumin. <i>Analytical Methods</i> , 2017 , 9, 3338-3346	3.2	2
28	Au nanoparticle preconcentration coupled with CE-electrochemiluminescence detection for sensitive analysis of fluoroquinolones in European eel (<i>Ictalurus nebulosus</i>). <i>Analytical Methods</i> , 2020 , 12, 2693-2702	3.2	2
27	Fluorescence probe techniques to study the interaction between hydroxylated polybrominated diphenyl ethers (OH-PBDEs) and protein disulfide isomerase (PDI). <i>Analytical Methods</i> , 2014 , 6, 8106-8109	3.2	2
26	Metabolomic analysis of antimicrobial mechanism of polysaccharides from <i>Sparassis crispa</i> based on HPLC-Q-TOF/MS. <i>Carbohydrate Research</i> , 2021 , 503, 108299	2.9	2
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