

Longhua Guo

List of Publications by Year in descending order

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213
papers

8,668
citations

47409

49
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71088

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all docs

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docs citations

213
times ranked

10417
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallic Nanomaterials with Mimic Oxidoreductase Enzyme Activity: New Insight for Sensing and Biosensing. <i>Mini-Reviews in Organic Chemistry</i> , 2022, 19, 231-241.	0.6	1
2	Toehold-mediated strand displacement coupled with single nanoparticle dark-field microscopy imaging for ultrasensitive biosensing. <i>Nanoscale</i> , 2022, 14, 3496-3503.	2.8	5
3	Aggregation-induced emission monomer-based fluorescent molecularly imprinted poly(ionic liquid) synthesized by a one-pot method for sensitively detecting 4-nitrophenol. <i>Analytical Methods</i> , 2022, 14, 1023-1030.	1.3	3
4	An algorithm-assisted automated identification and enumeration system for sensitive hydrogen sulfide sensing under dark field microscopy. <i>Analyst</i> , 2022, 147, 1492-1498.	1.7	2
5	A Ratiometric Fluorescence Probe for Selective Detection of ex vivo Methylglyoxal in Diabetic Mice. <i>ChemistryOpen</i> , 2022, 11, e202200055.	0.9	3
6	Surface-Enhanced Electrochemiluminescence Imaging for Multiplexed Immunoassays of Cancer Markers in Exhaled Breath Condensates. <i>Analytical Chemistry</i> , 2022, 94, 7492-7499.	3.2	15
7	Homogeneous label-free electrochemiluminescence biosensor based on double-driven amplification and magnetic graphene platform. <i>Biosensors and Bioelectronics: X</i> , 2022, 11, 100185.	0.9	1
8	Superior antibacterial activity of sulfur-doped g-C ₃ N ₄ nanosheets dispersed by Tetrastigma hemsleyanum Diels & Gilg's polysaccharides-3 solution. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 453-463.	3.6	16
9	A dual-mode strategy for sensing and bio-imaging of endogenous alkaline phosphatase based on the combination of photoinduced electron transfer and hyperchromic effect. <i>Analytica Chimica Acta</i> , 2021, 1142, 65-72.	2.6	6
10	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.	2.5	25
11	A Novel Enzyme-Responded Controlled Release Electrochemical Biosensor for Hyaluronidase Activity Detection. <i>Journal of Analysis and Testing</i> , 2021, 5, 69-75.	2.5	12
12	Apatinib Combined with Irinotecan in the Treatment of Advanced Small-Cell Esophageal Carcinoma: A Case Report. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 1989-1995.	1.0	1
13	Semi-quantitative detection of p-Aminophenol in real samples with colorfully naked-eye assay. <i>Sensors and Actuators B: Chemical</i> , 2021, 334, 129604.	4.0	20
14	A novel composite of conductive metal organic framework and molecularly imprinted poly (ionic liquid) for ultrasensitive detection of p-aminophenol. <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129885.	4.0	31
15	1,2,4-Triaminobenzene as a Fluorescent Probe for Intracellular pH Imaging and Point-of-Care Ammonia Sensing. <i>ACS Applied Bio Materials</i> , 2021, 4, 6065-6072.	2.3	5
16	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.	3.2	24
17	Facile Fabrication of a Functional Filter Tip for Highly Efficient Reduction of Nicotine Content in Mainstream Smoke. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37638-37644.	4.0	4
18	Highly Sensitive Homogeneous Electrochemiluminescence Biosensor for Alkaline Phosphatase Detection Based on Click Chemistry-Triggered Branched Hybridization Chain Reaction. <i>Analytical Chemistry</i> , 2021, 93, 10351-10357.	3.2	15

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19	Homogeneous photoelectrochemical biosensor for microRNA based on target-responsive hydrogel coupled with exonuclease III and nicking endonuclease Nb.BbvCI assistant cascaded amplification strategy. <i>Mikrochimica Acta</i> , 2021, 188, 267.	2.5	11
20	Ultrahigh Efficient FRET Ratiometric Fluorescence Biosensor for Visual Detection of Alkaline Phosphatase Activity and Its Inhibitor. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12922-12929.	3.2	29
21	Agarose hydrogel doped with gold nanobipyramids(AuNBPs@AG)as colorful height readout device for sensing hydrogen peroxide in complex sample matrix. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130059.	4.0	4
22	A multicolor immunosensor for point-of-care testing NTRK1 gene fusion. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130473.	4.0	3
23	A universal strategy for the incorporation of internal standards into SERS substrates to improve the reproducibility of Raman signals. <i>Analyst, The</i> , 2021, 146, 7168-7177.	1.7	5
24	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.	4.0	35
25	Facial Fabrication of Large-Scale SERS-Active Substrate Based on Self-Assembled Monolayer of Silver Nanoparticles on CTAB-Modified Silicon for Analytical Applications. <i>Nanomaterials</i> , 2021, 11, 3250.	1.9	4
26	Oil-Free Gold Nanobipyramid@Ag Microgels as a Functional SERS Substrate for Direct Detection of Small Molecules in a Complex Sample Matrix. <i>Analytical Chemistry</i> , 2021, 93, 16727-16733.	3.2	11
27	On-spot surface enhanced Raman scattering detection of Aflatoxin B1 in peanut extracts using gold nanobipyramids evenly trapped into the AAO nanoholes. <i>Food Chemistry</i> , 2020, 307, 125528.	4.2	52
28	Nickel-phosphate pompon flowers nanostructured network enables the sensitive detection of microRNA. <i>Talanta</i> , 2020, 209, 120511.	2.9	11
29	A surface-enhanced electrochemiluminescence sensor based on Au-SiO ₂ core-shell nanocomposites doped with Ru(bpy) ₃ ²⁺ for the ultrasensitive detection of prostate-specific antigen in human serum. <i>Analyst, The</i> , 2020, 145, 132-138.	1.7	19
30	Electrochemiluminescence Biosensor for Hyaluronidase Based on the Ru(bpy) ₃ ²⁺ Doped SiO ₂ Nanoparticles Embedded in the Hydrogel Fabricated by Hyaluronic Acid and Polyethylenimine. <i>ACS Applied Bio Materials</i> , 2020, 3, 1158-1164.	2.3	11
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.	1.3	4
32	Cu ²⁺ -Modified Boron Nitride Nanosheets-Supported Subnanometer Gold Nanoparticles: An Oxidase-Mimicking Nanoenzyme with Unexpected Oxidation Properties. <i>Analytical Chemistry</i> , 2020, 92, 1236-1244.	3.2	58
33	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.	5.3	28
34	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.	4.0	37
35	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.	2.9	22
36	Comprehensive Analysis of the PD-L1 and Immune Infiltrates of m6A RNA Methylation Regulators in Head and Neck Squamous Cell Carcinoma. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 21, 299-314.	2.3	143

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37	Surface-enhanced electrochemiluminescence combined with resonance energy transfer for sensitive carcinoembryonic antigen detection in exhaled breath condensates. <i>Analyt, The</i> , 2020, 145, 6524-6531.	1.7	9
38	Integrative stemness characteristics associated with prognosis and the immune microenvironment in esophageal cancer. <i>Pharmacological Research</i> , 2020, 161, 105144.	3.1	31
39	Determination of copper ions in herbal medicine based on click chemistry using an electronic balance as a readout. <i>Analytical Methods</i> , 2020, 12, 4473-4478.	1.3	0
40	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.	2.5	12
41	Au nanoparticle preconcentration coupled with CE-electrochemiluminescence detection for sensitive analysis of fluoroquinolones in European eel (<i>Anguilla anguilla</i>). <i>Analytical Methods</i> , 2020, 12, 2693-2702.	1.3	4
42	Highly sensitive determination of 4-nitrophenol with coumarin-based fluorescent molecularly imprinted poly (ionic liquid). <i>Journal of Hazardous Materials</i> , 2020, 398, 122854.	6.5	53
43	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.	4.0	51
44	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.	1.5	12
45	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.	3.2	27
46	Label-free homogeneous electrochemical biosensor for HPV DNA based on entropy-driven target recycling and hyperbranched rolling circle amplification. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128407.	4.0	35
47	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.	2.5	8
48	Highly sensitive and selective aflatoxin B ₁ 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.	2.9	29
49	Core-satellite assemblies and exonuclease assisted double amplification strategy for ultrasensitive SERS detection of biotoxin. <i>Analytica Chimica Acta</i> , 2020, 1110, 56-63.	2.6	20
50	Electrochemical determination of rutin based on molecularly imprinted poly (ionic liquid) with ionic liquid-graphene as a sensitive element. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127911.	4.0	50
51	Nanosensors for food safety. , 2020, , 339-354.		4
52	A highly sensitive signal-on biosensor for microRNA 142-3p based on the quenching of Ru(bpy) ₃ ²⁺ â€“TPA electrochemiluminescence by carbon dots and duplex specific nuclease-assisted target recycling amplification. <i>Chemical Communications</i> , 2020, 56, 6692-6695.	2.2	18
53	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.	2.5	9
54	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.	2.6	25

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55	Optimal timing of antiviral therapy for patients with malignant tumor who presented with hepatitis B reactivation during chemotherapy and/or immunosuppressive therapy. <i>Journal of Cancer</i> , 2020, 11, 3559-3566.	1.2	2
56	A homogeneous photoelectrochemical hydrogen sulfide sensor based on the electronic transfer mediated by tetrasulfophthalocyanine. <i>Analyst</i> , The, 2020, 145, 3543-3548.	1.7	12
57	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.	2.6	21
58	Development of an Immunosensor Based on the Exothermic Reaction between H ₂ O and CaO Using a Common Thermometer as Readout. <i>ACS Sensors</i> , 2019, 4, 2375-2380.	4.0	30
59	A Facile Approach for On-Site Evaluation of Nicotine in Tobacco and Environmental Tobacco Smoke. <i>ACS Sensors</i> , 2019, 4, 1844-1850.	4.0	30
60	Homogeneous Electrochemiluminescence Biosensor for the Detection of RNase A Activity and Its Inhibitor. <i>Analytical Chemistry</i> , 2019, 91, 14751-14756.	3.2	29
61	A calcium alginate sponge with embedded gold nanoparticles as a flexible SERS substrate for direct analysis of pollutant dyes. <i>Mikrochimica Acta</i> , 2019, 186, 64.	2.5	21
62	Sensitive Hyaluronidase Biosensor Based on Target-Responsive Hydrogel Using Electronic Balance as Readout. <i>Analytical Chemistry</i> , 2019, 91, 11821-11826.	3.2	35
63	Ultrasensitive and Portable Assay for Lead(II) Ions by Electronic Balance as a Readout. <i>ACS Sensors</i> , 2019, 4, 2465-2470.	4.0	27
64	Antibacterial mechanism of <i>Tetrastigma hemsleyanum</i> Diels et Gilg's polysaccharides by metabolomics based on HPLC/MS. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 206-215.	3.6	40
65	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.	1.3	13
66	Chemiluminescent sensor for hydrogen sulfide in rat brain microdialysis based on target-induced horseradish peroxidase deactivation. <i>Analytical Methods</i> , 2019, 11, 3085-3089.	1.3	7
67	Intratumoral heterogeneity of EGFR-activating mutations in advanced NSCLC patients at the single-cell level. <i>BMC Cancer</i> , 2019, 19, 369.	1.1	13
68	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.	4.0	128
69	Ratiometric Fluorescent Hydrogel Test Kit for On-Spot Visual Detection of Nitrite. <i>ACS Sensors</i> , 2019, 4, 1252-1260.	4.0	94
70	DNAzyme-based Y-shaped label-free electrochemiluminescent biosensor for lead using electrically heated indium-tin-oxide electrode for in situ temperature control. <i>Sensors and Actuators B: Chemical</i> , 2019, 289, 78-84.	4.0	19
71	Highly sensitive enzyme-free amperometric sensing of hydrogen peroxide in real samples based on Co ₃ O ₄ nanocolumn structures. <i>Analytical Methods</i> , 2019, 11, 2292-2302.	1.3	27
72	A Cross-Linker-Based Poly(Ionic Liquid) for Sensitive Electrochemical Detection of 4-Nonylphenol. <i>Nanomaterials</i> , 2019, 9, 513.	1.9	12

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73	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.	2.5	17
74	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.	3.2	80
75	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.	2.5	23
76	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.	2.2	19
77	Sensitive Fluorescent Sensor for Hydrogen Sulfide in Rat Brain Microdialysis via CsPbBr ₃ Quantum Dots. <i>Analytical Chemistry</i> , 2019, 91, 15915-15921.	3.2	79
78	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.	1.7	14
79	Highly selective fluorescence sensor for hydrogen sulfide based on the Cu(II)-dependent DNAzyme. <i>Journal of Luminescence</i> , 2019, 207, 369-373.	1.5	19
80	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.	3.6	58
81	Signal-on electrochemiluminescence aptasensor for b ₂ microglobulin based on hybridization chain reaction and electrically heated electrode. <i>Biosensors and Bioelectronics</i> , 2019, 129, 36-41.	5.3	42
82	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.	4.0	43
83	Polysaccharides from <i>Tetragium 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.	3.6	50
84	Target-regulated formation of boron nitride quantum dots @ Gold nanoparticles nanocomposites for ultrasensitive detection of acetylcholinesterase activity and its inhibitors. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 61-68.	4.0	59
85	Application of ordered nanoparticle self-assemblies in surface-enhanced spectroscopy. <i>Materials Chemistry Frontiers</i> , 2018, 2, 835-860.	3.2	42
86	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.	4.0	43
87	Target-Induced Horseradish Peroxidase Deactivation for Multicolor Colorimetric Assay of Hydrogen Sulfide in Rat Brain Microdialysis. <i>Analytical Chemistry</i> , 2018, 90, 6222-6228.	3.2	120
88	A sensing platform for hypoxanthine detection based on amino-functionalized metal organic framework nanosheet with peroxidase mimic and fluorescence properties. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 312-319.	4.0	86
89	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.	5.3	47
90	Enhanced performance of a hyperbranched rolling circle amplification based electrochemiluminescence aptasensor for ochratoxin A using an electrically heated indium tin oxide electrode. <i>Electrochemistry Communications</i> , 2018, 88, 75-78.	2.3	25

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91	Highly sensitive colorimetric aptasensor for ochratoxin A detection based on enzyme-encapsulated liposome. <i>Analytica Chimica Acta</i> , 2018, 1002, 90-96.	2.6	44
92	A Simple and Convenient Aptasensor for Protein Using an Electronic Balance as a Readout. <i>Analytical Chemistry</i> , 2018, 90, 1087-1091.	3.2	53
93	Detection of aflatoxin B1 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.	2.9	85
94	Sensitive detection of telomerase activity in cancer cells using portable pH meter as readout. <i>Biosensors and Bioelectronics</i> , 2018, 121, 153-158.	5.3	33
95	Hypoglycemic Effects of a Polysaccharide from <i>Tetrastigma hemsleyanum</i> & Gilg in Alloxan-induced Diabetic Mice. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800070.	1.0	23
96	Rapid authentication of <i>Pseudostellaria heterophylla</i> (Taizishen) from different regions by Raman spectroscopy coupled with chemometric methods. <i>Journal of Luminescence</i> , 2018, 202, 239-245.	1.5	12
97	Dialysis assisted ligand exchange on gold nanorods: Amplification of the performance of a lateral flow immunoassay for <i>E. coli</i> O157:H7. <i>Mikrochimica Acta</i> , 2018, 185, 350.	2.5	21
98	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.	5.3	59
99	Enzyme-linked immunosorbent assay for aflatoxin B1 using a portable pH meter as the readout. <i>Analytical Methods</i> , 2018, 10, 3804-3809.	1.3	13
100	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.	2.6	30
101	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.	4.0	18
102	Highly sensitive electrochemical immunosensor for golgi protein 73 based on proximity ligation assay and enzyme-powered recycling amplification. <i>Analytica Chimica Acta</i> , 2018, 1040, 150-157.	2.6	15
103	A smart and sensitive sensing platform to monitor the extracellular concentration of hydrogen peroxide in rat brain microdialysates during pathological processes based on mesoporous silica nanoparticles. <i>Analytical Methods</i> , 2018, 10, 4361-4366.	1.3	1
104	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.	2.2	75
105	Highly sensitive colorimetric immunosensor for influenza virus H5N1 based on enzyme-encapsulated liposome. <i>Analytica Chimica Acta</i> , 2017, 963, 112-118.	2.6	38
106	The detection of melamine base on a turn-on fluorescence of DNA-Ag nanoclusters. <i>Journal of Luminescence</i> , 2017, 186, 103-108.	1.5	11
107	Colorimetric probe for copper(II) ion detection based on cost-effective aminoquinoline derivative. <i>Analytical Methods</i> , 2017, 9, 1727-1731.	1.3	10
108	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.	1.3	2

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109	Boron nitride nanosheets as a platform for fluorescence sensing. <i>Talanta</i> , 2017, 174, 365-371.	2.9	42
110	Multicolor biosensor for fish freshness assessment with the naked eye. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 201-208.	4.0	72
111	Novel imidazole fluorescent poly(ionic liquid) nanoparticles for selective and sensitive determination of pyrogallol. <i>Talanta</i> , 2017, 174, 198-205.	2.9	15
112	A Portable Immunosensor with Differential Pressure Gauges Readout for Alpha Fetoprotein Detection. <i>Scientific Reports</i> , 2017, 7, 45343.	1.6	19
113	Highly Uniform Gold Nanobipyramids for Ultrasensitive Colorimetric Detection of Influenza Virus. <i>Analytical Chemistry</i> , 2017, 89, 1617-1623.	3.2	190
114	Highly sensitive aptamer based on electrochemiluminescence biosensor for label-free detection of bisphenol A. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 7145-7151.	1.9	25
115	Preparation of an Efficient Ratiometric Fluorescent Nanoprobe (m-CDs@[Ru(bpy) ₃] ²⁺) for Visual and Specific Detection of Hypochlorite on Site and in Living Cells. <i>ACS Sensors</i> , 2017, 2, 1684-1691.	4.0	61
116	Highly active 3-dimensional cobalt oxide nanostructures on the flexible carbon substrates for enzymeless glucose sensing. <i>Analyst</i> , 2017, 142, 4299-4307.	1.7	36
117	A universal multicolor immunosensor for semiquantitative visual detection of biomarkers with the naked eyes. <i>Biosensors and Bioelectronics</i> , 2017, 87, 122-128.	5.3	115
118	Facile synthesis of Fe ₃ O ₄ /g-C ₃ N ₄ /HKUST-1 composites as a novel biosensor platform for ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2017, 92, 718-723.	5.3	93
119	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, 5097-5103.	3.2	118
120	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, 7105-7111.	1.9	17
121	Homogeneous Electrochemical Biosensor for Melamine Based on DNA Triplex Structure and Exonuclease III-Assisted Recycling Amplification. <i>Analytical Chemistry</i> , 2016, 88, 10176-10182.	3.2	67
122	Pd-on-Au Supra-nanostructures Decorated Graphene Oxide: An Advanced Electrocatalyst for Fuel Cell Application. <i>Langmuir</i> , 2016, 32, 8557-8564.	1.6	24
123	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.	2.2	20
124	Multicolor Colorimetric Biosensor for the Determination of Glucose based on the Etching of Gold Nanorods. <i>Scientific Reports</i> , 2016, 6, 37879.	1.6	66
125	Immobilization free electrochemical biosensor for folate receptor in cancer cells based on terminal protection. <i>Biosensors and Bioelectronics</i> , 2016, 86, 496-501.	5.3	31
126	Dual-color plasmonic enzyme-linked immunosorbent assay based on enzyme-mediated etching of Au nanoparticles. <i>Scientific Reports</i> , 2016, 6, 32755.	1.6	35

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127	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.	1.3	31
128	Surface Enhanced Electrochemiluminescence Immunoassay for Highly Sensitive Detection of Disease Biomarkers in Whole Blood. <i>Electroanalysis</i> , 2016, 28, 1783-1786.	1.5	16
129	Highly sensitive visual detection of Avian Influenza A (H7N9) virus based on the enzyme-induced metallization. <i>Biosensors and Bioelectronics</i> , 2016, 79, 874-880.	5.3	37
130	Flexible and Adhesive Surface Enhance Raman Scattering Active Tape for Rapid Detection of Pesticide Residues in Fruits and Vegetables. <i>Analytical Chemistry</i> , 2016, 88, 2149-2155.	3.2	369
131	Multicolor ELISA based on alkaline phosphatase-triggered growth of Au nanorods. <i>Analyst</i> , The, 2016, 141, 2970-2976.	1.7	36
132	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, 3227-3234.	3.2	123
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