Ning Gan

List of Publications by Year
in descending order

165 papers	5,497 citations	71102 41 h-index	128289 60 g-index
166 all docs	166 docs citations	166 times ranked	5418 citing authors

#	Article	IF	Citations
1	Rapid and sensitive detection of Staphylococcus aureus by using a long-period fiber grating immunosensor coated with egg yolk antibody. Biosensors and Bioelectronics, 2022, 199, 113860.	10.1	26
2	In situ growth of silver nanoparticles on polydopamine-coated chalcogenide glass tapered fiber for the highly sensitive detection of volatile organic compounds in water. Journal of Non-Crystalline Solids, 2022, 581, 121420.	3.1	5
3	Ultrasensitive microfluidic immunosensor with stir bar enrichment for point-of-care test of Staphylococcus aureus in foods triggered by DNAzyme-assisted click reaction. Food Chemistry, 2022, 378, 132093.	8.2	18
4	A Novel Truncated DNAzyme Modified Paper Analytical Device for Point-of-Care Test of Copper Ions in Natural Waters. Chemosensors, 2022, 10, 72.	3.6	3
5	Protein FT-IR amide bands are beneficial to bacterial typing. International Journal of Biological Macromolecules, 2022, 207, 358-364.	7.5	7
6	On-site and dual-mode detection of live Vibrio parahaemolyticus in waters: A universal pathogen sensing platform based on a smart hydrogel aptasensor imbedded with gold nanoclusters. Sensors and Actuators B: Chemical, 2022, 366, 131947.	7.8	14
7	Fluorescent aptasensor for detection of live foodborne pathogens based on multicolor perovskite-quantum-dot-encoded DNA probes and dual-stirring-bar-assisted signal amplification. Journal of Pharmaceutical Analysis, 2022, 12, 913-922.	5.3	11
8	Reusable electrochemical biosensing platform based on egg yolk antibody-labeled magnetic covalent organic framework for on-site detection of Escherichia coli in foods. Sensors and Actuators B: Chemical, 2022, 369, 132320.	7.8	16
9	A universal assay strategy for sensitive and simultaneous quantitation of multiplex tumor markers based on the stirring rod-immobilized DNA-LaMnO3 perovskite-metal ions encoded probes. Talanta, 2021, 222, 121456.	5.5	13
10	The fabrication of transferrin-modified two-photon gold nanoclusters with near-infrared fluorescence and their application in bioimaging. Chemical Communications, 2021, 57, 10391-10394.	4.1	10
11	Two-Photon CQDs-Based Dual-Mode Nanoprobe for Fluorescence Imaging and Magnetic Resonance Imaging of Intracellular Wide pH. Analytical Chemistry, 2021, 93, 5691-5699.	6.5	30
12	The universal dual-mode aptasensor for simultaneous determination of different bacteria based on naked eyes and microfluidic-chip together with magnetic DNA encoded probes. Talanta, 2021, 225, 122062.	5.5	21
13	Dual-mode aptasensor for simultaneous detection of multiple food-borne pathogenic bacteria based on colorimetry and microfluidic chip using stir bar sorptive extraction. Mikrochimica Acta, 2021, 188, 244.	5.0	11
14	Electrochemical aptasensor for simultaneous detection of foodborne pathogens based on a double stirring bars-assisted signal amplification strategy. Sensors and Actuators B: Chemical, 2021, 345, 130337.	7.8	16
15	Dye encapsulation engineering in a tetraphenylethylene-based MOF for tunable white-light emission. Journal of Colloid and Interface Science, 2021, 604, 568-574.	9.4	16
16	A turn-onâ€“type fluorescence resonance energy transfer aptasensor for vibrio detection using aptamer-modified polyhedral oligomeric silsesquioxane-perovskite quantum dots/Ti3C2 MXenes composite probes. Mikrochimica Acta, 2021, 188, 45.	5.0	18
17	Highly sensitive and simultaneous detection of microRNAs in serum using stir-bar assisted magnetic DNA nanospheres-encoded probes. Biosensors and Bioelectronics, 2020, 148, 111831.	10.1	31
18	Magnetic stir bars with hyperbranched aptamer as coating for selective, effective headspace extraction of trace polychlorinated biphenyls in soils. Journal of Chromatography A, 2020, 1614, 460715.	3.7	24

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19	DNAzyme-Catalyzed Click Chemistry for Facilitated Immobilization of Redox Functionalities on Self-Assembled Monolayers. Journal of Physical Chemistry C, 2020, 124, 19083-19090.	3.1	6
20	A sandwich-type aptasensor for point-of-care measurements of low-density lipoprotein in plasma based on aptamer-modified MOF and magnetic silica composite probes. Microchemical Journal, 2020, 158, 105288.	4.5	19
21	A universal signal-on electrochemical assay for rapid on-site quantitation of vibrio parahaemolyticus using aptamer modified magnetic metalâ€“organic framework and phenylboronic acid-ferrocene co-immobilized nanolabel. Analytica Chimica Acta, 2020, 1133, 128-136.	5.4	34
22	Application of Multiplexed Aptasensors in Food Contaminants Detection. ACS Sensors, 2020, 5, 3721-3738.	7.8	75
23	A BODIPYâ€Hemicyanineâ€Based Waterâ€Soluble Dualâ€Color Fluorescence Probe for Colorimetric Monitoring of Intracellular Endogenous Sulfur Dioxide and Bioimaging Applications. ChemistrySelect, 2020, 5, 3033-3040.	1.5	2
24	Simultaneously responsive microfluidic chip aptasensor for determination of kanamycin, aflatoxin M1, and 17Î²-estradiol based on magnetic tripartite DNA assembly nanostructure probes. Mikrochimica Acta, 2020, 187, 176.	5.0	25
25	Background signal-free and highly sensitive electrochemical aptasensor for rapid detecting tumor markers with Pb-MOF functionalized dendritic DNA probes. Journal of Electroanalytical Chemistry, 2020, 861, 113956.	3.8	15
26	Rapid fabrication of versatile zwitterionic super-hydrophilic polymers by sole-monomer system for biomolecules separation. Chemical Engineering Journal, 2020, 396, 125121.	12.7	12
27	Optimized Ge-As-Se-Te chalcogenide glass fiber sensor with polydopamine-coated tapered zone for the highly sensitive detection of p-xylene in waters. Optics Express, 2020, 28, 184.	3.4	8
28	Microfluidic Chip for Multiplex Detection of Trace Chemical Contaminants Based on Magnetic Encoded Aptamer Probes and Multibranched DNA Nanostructures as Signal Tags. ACS Sensors, 2019, 4, 2131-2139.	7.8	34
29	Microfluidic chip electrophoresis for simultaneous fluorometric aptasensing of alpha-fetoprotein, carbohydrate antigen 125 and carcinoembryonic antigen by applying aÂcatalytic hairpin assembly. Mikrochimica Acta, 2019, 186, 547.	5.0	22
30	A Multicolor Fluorescence Nanoprobe Platform Using Two-Dimensional Metal Organic Framework Nanosheets and Double Stirring Bar Assisted Target Replacement for Multiple Bioanalytical Applications. ACS Applied Materials & Interfaces, 2019, 11, 41506-41515.	8.0	46
31	A fluorometric aptamer method for kanamycin by applying a dual amplification strategy and using double Y-shaped DNA probes on a gold bar and onÂmagnetite nanoparticles. Mikrochimica Acta, 2019, 186, 120.	5.0	18
32	A solid phase microextraction Arrow with zirconium metalâ€“organic framework/molybdenum disulfide coating coupled with gas chromatographyâ€“mass spectrometer for the determination of polycyclic aromatic hydrocarbons in fish samples. Journal of Chromatography A, 2019, 1592, 9-18.	3.7	42
33	Zero background and triple-signal amplified fluorescence aptasensor for antibiotics detection in foods. Talanta, 2019, 199, 491-498.	5.5	17
34	Ratiometric and Turn-On Luminescence Detection of Water in Organic Solvents Using a Responsive Europium-Organic Framework. Analytical Chemistry, 2019, 91, 4845-4851.	6.5	93
35	A microfluidic chip based ratiometric aptasensor for antibiotic detection in foods using stir bar assisted sorptive extraction and rolling circle amplification. Analyst, The, 2019, 144, 2755-2764.	3.5	35
36	A novel microfluidic chip and antibody-aptamer based multianalysis method for simultaneous determination of several tumor markers with polymerization nicking reactions for homogenous signal amplification. Microchemical Journal, 2019, 147, 454-462.	4.5	12

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37	Microchip electrophoresis based aptasensor for multiplexed detection of antibiotics in foods via a stir-bar assisted multi-arm junctions recycling for signal amplification. Biosensors and Bioelectronics, 2019, 130, 139-146.	10.1	54
38	Enzyme-free fluorometric assay for chloramphenicol based on double stirring bar-assisted dual signal amplification. Mikrochimica Acta, 2019, 186, 150.	5.0	14
39	Multiplexed electrochemical aptasensor for antibiotics detection using metallic-encoded apoferritin probes and double stirring bars-assisted target recycling for signal amplification. Talanta, 2019, 197, 491-499.	5.5	25
40	A novel colorimetric immunosensor based on platinum colloid nanoparticles immobilized on PowerVision as signal probes and Fe₃O₄@Î²â€cyclodextrin as capture probes for ractopamine detection in pork. Journal of the Science of Food and Agriculture, 2019, 99, 2818-2825.	3.5	15
41	Microchip electrophoresis based multiplexed assay for silver and mercury ions simultaneous detection in complex samples using a stirring bar modified with encoded hairpin probes for specific extraction. Journal of Chromatography A, 2019, 1589, 173-181.	3.7	17
42	Portable fluoride-selective electrode as signal transducer for sensitive and selective detection of trace antibiotics in complex samples. Biosensors and Bioelectronics, 2019, 128, 113-121.	10.1	18
43	Microfluidic electrophoretic non-enzymatic kanamycin assay making use of a stirring bar functionalized with gold-labeled aptamer, of a fluorescent DNA probe, and of signal amplification via hybridization chain reaction. Mikrochimica Acta, 2018, 185, 181.	5.0	27
44	Microchip electrophoresis array-based aptasensor for multiplex antibiotic detection using functionalized magnetic beads and polymerase chain reaction amplification. Sensors and Actuators B: Chemical, 2018, 263, 568-574.	7.8	31
45	Enzyme- and label-free electrochemical aptasensor for kanamycin detection based on double stir bar-assisted toehold-mediated strand displacement reaction for dual-signal amplification. Biosensors and Bioelectronics, 2018, 112, 202-208.	10.1	42
46	Detection and removal of antibiotic tetracycline in water with a highly stable luminescent MOF. Sensors and Actuators B: Chemical, 2018, 262, 137-143.	7.8	225
47	A luminescent Lanthanide-free MOF nanohybrid for highly sensitive ratiometric temperature sensing in physiological range. Talanta, 2018, 181, 410-415.	5.5	87
48	A lanthanide functionalized MOF hybrid for ratiometric luminescence detection of an anthrax biomarker. CrystEngComm, 2018, 20, 1264-1270.	2.6	44
49	A two dimensional metalâ€“organic framework nanosheets-based fluorescence resonance energy transfer aptasensor with circular strand-replacement DNA polymerization target-triggered amplification strategy for homogenous detection of antibiotics. Analytica Chimica Acta, 2018, 1020, 1-8.	5.4	60
50	Electrochemical aptasensor for multi-antibiotics detection based on endonuclease and exonuclease assisted dual recycling amplification strategy. Talanta, 2018, 179, 28-36.	5.5	44
51	Biomimetic Polymer-Based Method for Selective Capture of C-Reactive Protein in Biological Fluids. ACS Applied Materials & Interfaces, 2018, 10, 41999-42008.	8.0	29
52	An endonuclease-linked multiplex immunoassay for tumor markers detection based on microfluidic chip electrophoresis for DNA analysis. Sensors and Actuators B: Chemical, 2018, 272, 526-533.	7.8	24
53	A microchip electrophoresis-based assay for ratiometric detection of kanamycin by R-shape probe and exonuclease-assisted signal amplification. Talanta, 2018, 189, 494-501.	5.5	21
54	A multiple signal amplified colorimetric aptasensor for antibiotics measurement using DNAzyme labeled Fe-MIL-88-Pt as novel peroxidase mimic tags and CSDP target-triggered cycles. Talanta, 2018, 187, 27-34.	5.5	31

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55	Multiplex detection of quality indicator molecule targets in urine using programmable hairpin probes based on a simple double-T type microchip electrophoresis platform and isothermal polymerase-catalyzed target recycling. Analyst, The, 2018, 143, 2696-2704.	3.5	9
56	A headspace sorptive extraction method with magnetic mesoporous titanium dioxide@covalent organic frameworks composite coating for selective determination of trace polychlorinated biphenyls in soils. Journal of Chromatography A, 2018, 1572, 1-8.	3.7	43
57	Structuring polarity-inverted TBA to G-quadruplex for selective recognition of planarity of natural isoquinoline alkaloids. Analyst, The, 2018, 143, 4907-4914.	3.5	9
58	A pyrene-involved luminescent MOF for monitoring 1-hydroxypyrene, a biomarker for human intoxication of PAH carcinogens. Analyst, The, 2018, 143, 3628-3634.	3.5	34
59	Three dimensional M Ã— N type aptamer-functionalized solid-phase micro extraction fibers array for selectively sorptive extraction of multiple antibiotic residues in milk. RSC Advances, 2017, 7, 6800-6808.	3.6	31
60	A homogenous â€œsignal-onâ€•aptasensor for antibiotics based on a single stranded DNA binding protein-quantum dot aptamer probe coupling exonuclease-assisted target recycling for signal amplification. RSC Advances, 2017, 7, 8381-8387.	3.6	13
61	An antibody-free and signal-on type electrochemiluminescence sensor for diethylstilbestrol detection based on magnetic molecularly imprinted polymers-quantum dots labeled aptamer conjugated probes. Journal of Electroanalytical Chemistry, 2017, 789, 1-8.	3.8	36
62	Human telomeric hybrid-2-over-hybrid-1 G-quadruplex targeting and a selective hypersaline-tolerant sensor using abasic site-engineered monomorphism. Analytica Chimica Acta, 2017, 964, 161-169.	5.4	13
63	A poly-dopamine based metal-organic framework coating of the type PDA-MIL-53(Fe) for ultrasound-assisted solid-phase microextraction of polychlorinated biphenyls prior to their determination by GC-MS. Mikrochimica Acta, 2017, 184, 2561-2568.	5.0	48
64	Simultaneous and specific enrichment of several amphenicol antibiotics residues in food based on novel aptamer functionalized magnetic adsorbents using HPLC-DAD. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1060, 247-254.	2.3	34
65	Novel label-free and high-throughput microchip electrophoresis platform for multiplex antibiotic residues detection based on aptamer probes and target catalyzed hairpin assembly for signal amplification. Biosensors and Bioelectronics, 2017, 97, 100-106.	10.1	68
66	A POCT colorimetric aptasensor for streptomycin detection using porous silica beads- enzyme linked polymer aptamer probes and exonuclease-assisted target recycling for signal amplification. Sensors and Actuators B: Chemical, 2017, 251, 349-358.	7.8	35
67	An electrochemical aptasensor for multiplex antibiotics detection using Y-shaped DNA-based metal ions encoded probes with NMOF substrate and CSRP target-triggered amplification strategy. Analytica Chimica Acta, 2017, 968, 30-39.	5.4	68
68	A label-free and universal platform for antibiotics detection based on microchip electrophoresis using aptamer probes. Talanta, 2017, 167, 544-549.	5.5	36
69	Determination of aliphatic amines in food by on-fiber derivatization solid-phase microextraction with a novel zeolitic imidazolate framework 8-coated stainless steel fiber. Talanta, 2017, 165, 326-331.	5.5	22
70	A molybdenum disulfide/reduced graphene oxide fiber coating coupled with gas chromatographyâ€“mass spectrometry for the saponification-headspace solid-phase microextraction of polychlorinated biphenyls in food. Journal of Chromatography A, 2017, 1525, 42-50.	3.7	39
71	Novel Stir Bar Array Sorptive Extraction Coupled With Gas Chromatographyâ€“Mass Spectrometry for Simultaneous Determination of Three Î²2-Agonist Residues in Pork. Chromatographia, 2017, 80, 473-482.	1.3	21
72	Mimicking an Enzyme-Based Colorimetric Aptasensor for Antibiotic Residue Detection in Milk Combining Magnetic Loop-DNA Probes and CHA-Assisted Target Recycling Amplification. Journal of Agricultural and Food Chemistry, 2017, 65, 5731-5740.	5.2	64

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73	Modified zeolitic imidazolate framework-8 as solid-phase microextraction Arrow coating for sampling of amines in wastewater and food samples followed by gas chromatography-mass spectrometry. Journal of Chromatography A, 2017, 1486, 76-85.	3.7	78
74	A facile colorimetric aptamer assay for small molecule detection in food based on a magnetic single-stranded DNA binding protein-linked composite probe. Sensors and Actuators B: Chemical, 2017, 239, 979-987.	7.8	23
75	Novel single-stranded DNA binding protein-assisted fluorescence aptamer switch based on FRET for homogeneous detection of antibiotics. Biosensors and Bioelectronics, 2017, 87, 508-513.	10.1	54
76	A novel aptamer- metal ions- nanoscale MOF based electrochemical biocodes for multiple antibiotics detection and signal amplification. Sensors and Actuators B: Chemical, 2017, 242, 1201-1209.	7.8	134
77	Osteopontin is Critical for Hyperactive mTOR-Induced Tumorigenesis in Oral Squamous Cell Carcinoma. Journal of Cancer, 2017, 8, 1362-1370.	2.5	14
78	A triple-amplification SPR electrochemiluminescence assay for chloramphenicol based on polymer enzyme-linked nanotracers and exonuclease-assisted target recycling. Biosensors and Bioelectronics, 2016, 86, 477-483.	10.1	37
79	Electro-deposited poly-luminol molecularly imprinted polymer coating on carboxyl graphene for stir bar sorptive extraction of estrogens in milk. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1027, 50-56.	2.3	28
80	Selective dispersive solid phase extraction-chromatography tandem mass spectrometry based on aptamer-functionalized UiO-66-NH2 for determination of polychlorinated biphenyls. Journal of Chromatography A, 2016, 1446, 34-40.	3.7	68
81	A homogeneous and â€œoffâ€“onâ€•fluorescence aptamer-based assay for chloramphenicol using vesicle quantum dot-gold colloid composite probes. Analytica Chimica Acta, 2016, 929, 49-55.	5.4	42
82	Tailor-made approach for selective isolation and elution of low-density lipoproteins by immunoaffinity sorbent on silica. Analytical Biochemistry, 2016, 514, 12-23.	2.4	8
83	An electrochemical aptasensor for multiplex antibiotics detection based on metal ions doped nanoscale MOFs as signal tracers and RecJf exonuclease-assisted targets recycling amplification. Talanta, 2016, 161, 867-874.	5.5	71
84	Novel method for the rapid and specific extraction of multiple Î² 2 â€agonist residues in food by tailorâ€made Monolithâ€MIPs extraction disks and detection by gas chromatography with mass spectrometry. Journal of Separation Science, 2016, 39, 3578-3585.	2.5	19
85	Environmentally friendly solidâ€phase microextraction coupled with gas chromatography and mass spectrometry for the determination of biogenic amines in fish samples. Journal of Separation Science, 2016, 39, 4384-4390.	2.5	42
86	Ratiometric electrochemiluminescent aptasensor array for antibiotic based on internal standard method and spatial-resolved technique. Sensors and Actuators B: Chemical, 2016, 226, 305-311.	7.8	46
87	A novel aptamerâ€“quantum dot fluorescence probe for specific detection of antibiotic residues in milk. Analytical Methods, 2016, 8, 3006-3013.	2.7	24
88	Fluorescent aptasensor for chloramphenicol detection using DIL-encapsulated liposome as nanotracer. Biosensors and Bioelectronics, 2016, 81, 454-459.	10.1	43
89	Electrochemical simultaneous assay of chloramphenicol and PCB72 using magnetic and aptamer-modified quantum dot-encoded dendritic nanotracers for signal amplification. Mikrochimica Acta, 2016, 183, 1099-1106.	5.0	51
90	Application of a multifunctional magnetic mesoporous material for seafood sample clean-up prior to the determination of highly chlorinated polychlorinated biphenyls. RSC Advances, 2016, 6, 183-189.	3.6	7

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91	Aptamer-functionalized stir bar sorptive extraction coupled with gas chromatographyâ€“mass spectrometry for selective enrichment and determination of polychlorinated biphenyls in fish samples. Talanta, 2016, 149, 266-274.	5.5	68
92	A sensitive electrochemical aptasensor for multiplex antibiotics detection based on high-capacity magnetic hollow porous nanotracers coupling exonuclease-assisted cascade target recycling. Biosensors and Bioelectronics, 2016, 78, 51-57.	10.1	90
93	An ultrasensitive fluorescence aptasensor for chloramphenicol based on FRET between quantum dots as donor and the magnetic SiO2@Au NPs probe as acceptor with exonuclease-assisted target recycling. Sensors and Actuators B: Chemical, 2016, 222, 1066-1072.	7.8	42
94	Ratiometric biosensor array for multiplexed detection of microRNAs based on electrochemiluminescence coupled with cyclic voltammetry. Biosensors and Bioelectronics, 2016, 75, 308-314.	10.1	74
95	Switch-on fluorescence scheme for antibiotics based on a magnetic composite probe with aptamer and hemin/G-quadruplex coimmobilized nano-Ptâ€“luminol as signal tracer. Talanta, 2016, 147, 296-301.	5.5	28
96	Enhanced Performance of Yolk-Shell Structured Si-PPy Composite as an Anode for Lithium Ion Batteries. Electrochemistry, 2015, 83, 1067-1070.	1.4	5
97	Î²-cyclodextrin functionalized meso-/macroporous magnetic titanium dioxide adsorbent as extraction material combined with gas chromatography-mass spectrometry for the detection of chlorobenzenes in soil samples. Journal of Chromatography A, 2015, 1401, 24-32.	3.7	33
98	Electrochemical coding for multiplexed immunoassays of biomarkers based on bio-based polymer-nanotags. Electrochimica Acta, 2015, 163, 238-245.	5.2	25
99	A portable and antibody-free sandwich assay for determination of chloramphenicol in food based on a personal glucose meter. Analytical and Bioanalytical Chemistry, 2015, 407, 2499-2507.	3.7	27
100	An on-site immunosensor for ractopamine based on a personal glucose meter and using magnetic Î²-cyclodextrin-coated nanoparticles for enrichment, and an invertase-labeled nanogold probe for signal amplification. Mikrochimica Acta, 2015, 182, 815-822.	5.0	33
101	A QCM immunosensor to rapidly detect ractopamine using bio-polymer conjugate and magnetic Î²-cyclodextrins. Sensors and Actuators B: Chemical, 2015, 211, 523-530.	7.8	16
102	A novel reductive graphene oxideâ€based magnetic molecularly imprinted poly(ethyleneâ€coâ€vinyl) Tj ETQq0 0 0 rgBT /Overloch Journal of Molecular Recognition, 2015, 28, 359-368.	2.1	18
103	A â€œsignal-onâ€™â€™ aptasensor for simultaneous detection of chloramphenicol and polychlorinated biphenyls using multi-metal ions encoded nanospherical brushes as tracers. Biosensors and Bioelectronics, 2015, 74, 718-724.	10.1	62
104	A novel â€œdual-potentialâ€•electrochemiluminescence aptasensor array using CdS quantum dots and luminol-gold nanoparticles as labels for simultaneous detection of malachite green and chloramphenicol. Biosensors and Bioelectronics, 2015, 74, 587-593.	10.1	108
105	A sensitive colorimetric aptasensor for chloramphenicol detection in fish and pork based on the amplification of a nano-peroxidase-polymer. Analytical Methods, 2015, 7, 6528-6536.	2.7	18
106	A colorimetric aptasensor for chloramphenicol in fish based on double-stranded DNA antibody labeled enzyme-linked polymer nanotracers for signal amplification. Sensors and Actuators B: Chemical, 2015, 220, 679-687.	7.8	59
107	A novel strategy for multiplexed immunoassay of tumor markers based on electrochemiluminescence coupled with cyclic voltammetry using graphene-polymer nanotags. Electrochimica Acta, 2015, 170, 292-299.	5.2	19
108	A sandwich-hybridization assay for simultaneous determination of HIV and tuberculosis DNA targets based on signal amplification by quantum dots-PowerVision â„¢ polymer coding nanotracers. Biosensors and Bioelectronics, 2015, 71, 207-213.	10.1	25

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109	A triple-amplification colorimetric assay for antibiotics based on magnetic aptamerâ€“enzyme co-immobilized platinum nanoprobes and exonuclease-assisted target recycling. Analyst, The, 2015, 140, 7663-7671.	3.5	20
110	An aptamer-based colorimetric assay for chloramphenicol using a polymeric HRP-antibody conjugate for signal amplification. Mikrochimica Acta, 2015, 182, 2551-2559.	5.0	27
111	Magnetic metal-organic frameworks coated stir bar sorptive extraction coupled with GCâ€“MS for determination of polychlorinated biphenyls in fish samples. Talanta, 2015, 144, 1139-1145.	5.5	74
112	A novel sandwich-type noncompetitive immunoassay of diethylstilbestrol using Î²-cyclodextrin modified electrode and polymerâ€“enzyme labels. Journal of Electroanalytical Chemistry, 2015, 736, 30-37.	3.8	16
113	Novel molecularly imprinted stir bar sorptive extraction based on an 8-electrode array for preconcentration of trace exogenous estrogens in meat. Analytica Chimica Acta, 2015, 853, 342-350.	5.4	31
114	Simultaneous electrochemical immunoassay using grapheneâ€“Au grafted recombinant apoferritin-encoded metallic labels as signal tags and dual-template magnetic molecular imprinted polymer as capture probes. Biosensors and Bioelectronics, 2015, 65, 78-82.	10.1	90
115	A Novel Magnetic Graphene Oxide Composite Absorbent for Removing Trace Residues of Polybrominated Diphenyl Ethers in Water. Materials, 2014, 7, 6028-6044.	2.9	22
116	Incubation-free electrochemical immunoassay for diethylstilbestrol in milk using gold nanoparticle-antibody conjugates for signal amplification. Mikrochimica Acta, 2014, 181, 453-462.	5.0	29
117	An automated solid-phase microextraction method based on magnetic molecularly imprinted polymer as fiber coating for detection of trace estrogens in milk powder. Journal of Chromatography A, 2014, 1331, 10-18.	3.7	77
118	Magnetic nanospheres with a molecularly imprinted shell for the preconcentration of diethylstilbestrol. Mikrochimica Acta, 2014, 181, 1341-1351.	5.0	32
119	Electrochemiluminescence immunosensor for tumor markers based on biological barcode mode with conductive nanospheres. Biosensors and Bioelectronics, 2014, 53, 135-141.	10.1	33
120	A cost-effective sandwich electrochemiluminescence immunosensor for ultrasensitive detection of HIV-1 antibody using magnetic molecularly imprinted polymers as capture probes. Biosensors and Bioelectronics, 2014, 54, 199-206.	10.1	77
121	Development of a novel magnetic molecularly imprinted polymer coating using porous zeolite imidazolate framework-8 coated magnetic iron oxide as carrier for automated solid phase microextraction of estrogens in fish and pork samples. Journal of Chromatography A, 2014, 1365, 35-44.	3.7	72
122	Employment of a novel magnetically multifunctional purifying material for determination of toxic highly chlorinated polychlorinated biphenyls at trace levels in soil samples. Journal of Chromatography A, 2014, 1364, 36-44.	3.7	15
123	A novel dual-template molecularly imprinted electrochemiluminescence immunosensor array using Ru(bpy)32+-Silica@Poly-L-lysine-Au composite nanoparticles as labels for near-simultaneous detection of tumor markers. Electrochimica Acta, 2014, 139, 127-136.	5.2	47
124	Multiâ€walled carbon nanotube modified dummyâ€template magnetic molecularly imprinted microspheres as solidâ€phase extraction material for the determination of polychlorinated biphenyls in fish. Journal of Separation Science, 2014, 37, 1591-1600.	2.5	29
125	Signal amplification for multianalyte electrochemical immunoassay with bidirectional stripping voltammetry using metal-enriched polymer nanolabels. Sensors and Actuators B: Chemical, 2014, 197, 244-253.	7.8	31
126	An Ultrasensitive Simultaneous Multianalyte Immunoassay Based on Arsenic and Mercury Ions Labeled SiO2@Au Nanoparticle Probes. Chinese Journal of Analytical Chemistry, 2014, 42, 817-823.	1.7	5

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127	A single antibody sandwich electrochemiluminescence immunosensor based on protein magnetic molecularly imprinted polymers mimicking capture probes. Sensors and Actuators B: Chemical, 2013, 186, 300-307.	7.8	54
128	Ultratrace detection of C-reactive protein by a piezoelectric immunosensor based on Fe3O4@SiO2 magnetic capture nanoprobes and HRP-antibody co-immobilized nano gold as signal tags. Sensors and Actuators B: Chemical, 2013, 178, 494-500.	7.8	71
129	A Novel Signal-Amplified Immunoassay for Myoglobin Using Magnetic Core-Shell Fe3O4@Au- Multi Walled Carbon Nanotubes Composites as Labels Based on One Piezoelectric Sensor. Integrated Ferroelectrics, 2013, 144, 29-40.	0.7	12
130	The structure and coordinative self-assembly of films based on a palladium compound of pyridyl-acetylene platinum and its application in Suzuki and Heck coupling reactions. Journal of Materials Chemistry A, 2013, 1, 9164.	10.3	12
131	Extraction of tributyltin by magnetic molecularly imprinted polymers. Mikrochimica Acta, 2013, 180, 545-553.	5.0	20
132	Enrichment of polychlorinated biphenyl 28 from aqueous solutions using Fe3O4 grafted graphene oxide. Chemical Engineering Journal, 2013, 218, 108-115.	12.7	104
133	Amperometric Immunosensor for Determination of Clenbuterol Based on Enzyme-Antibody Coimmobilized ZrO2 Nano Probes as Signal Tag. Chinese Journal of Analytical Chemistry, 2013, 41, 828-834.	1.7	8
134	Design of Sensitive Biocompatible Quantumâ€Dots Embedded in Mesoporous Silica Microspheres for the Quantitative Immunoassay of Human Immunodeficiency Virusâ€1 Antibodies. Electroanalysis, 2013, 25, 2384-2393.	2.9	6
135	An Ultrasensitive Electrochemical Immunosensor for HIV p24 Based on Fe3O4@SiO2 Nanomagnetic Probes and Nanogold Colloid-Labeled Enzymeâ€“Antibody Copolymer as Signal Tag. Materials, 2013, 6, 1255-1269.	2.9	53
136	An Ultrasensitive Electrochemiluminescent Immunoassay for Aflatoxin M1 in Milk, Based on Extraction by Magnetic Graphene and Detection by Antibody-Labeled CdTe Quantumn Dots-Carbon Nanotubes Nanocomposite. Toxins, 2013, 5, 865-883.	3.4	62
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