

Haitao Li

List of Publications by Year in descending order

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150
papers

13,233
citations

39113

52
h-index

25983

112
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151
all docs

151
docs citations

151
times ranked

15385
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous visualization and quantification of copper (II) ions in Alzheimer's disease by a near-infrared fluorescence probe. <i>Biosensors and Bioelectronics</i> , 2022, 198, 113858.	5.3	30
2	Construction of a unique fluorescent probe for rapid and highly sensitive detection of glutathione in living cells and zebrafish. <i>Talanta</i> , 2022, 243, 123364.	2.9	13
3	A turn-on near-infrared fluorescent probe for visualization of endogenous alkaline phosphatase activity in living cells and zebrafish. <i>Analyst</i> , 2021, 146, 521-528.	1.7	18
4	Study on identification method of gas-bearing carbonate reservoirs based on joint acoustic-resistivity experiments – an example from the Sichuan Basin of China. <i>Exploration Geophysics</i> , 2021, 52, 475-483.	0.5	3
5	A turn-on red-emitting fluorescent probe for determination of copper(II) ions in food samples and living zebrafish. <i>Food Chemistry</i> , 2021, 343, 128513.	4.2	45
6	Limitation-induced fluorescence enhancement of carbon nanoparticles and their application for glucose detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118893.	2.0	22
7	Turn-on fluorescent probe for sensing exogenous and endogenous hypochlorous acid in living cells, zebrafishes and mice. <i>Talanta</i> , 2021, 225, 122030.	2.9	33
8	Au/Metal-Organic Framework Nanocapsules for Electrochemical Determination of Glutathione. <i>ACS Applied Nano Materials</i> , 2021, 4, 4853-4862.	2.4	64
9	Direct Quantification and Visualization of Homocysteine, Cysteine, and Glutathione in Alzheimer's and Parkinson's Disease Model Tissues. <i>Analytical Chemistry</i> , 2021, 93, 9878-9886.	3.2	77
10	Sensitive and selective detection of chromium (VI) based on two-dimensional luminescence metal organic framework nanosheets via the mechanism integrating chemical oxidation-reduction and inner filter effect. <i>Journal of Hazardous Materials</i> , 2021, 419, 126443.	6.5	44
11	Rational construction of a novel ratiometric far-red fluorescent probe with excellent water solubility for sensing mitochondrial peroxynitrite. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130246.	4.0	32
12	A morpholino hydrazone-based lysosome-targeting fluorescent probe with fast response and high sensitivity for imaging peroxynitrite in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120100.	2.0	10
13	Simultaneous sensing of cysteine/homocysteine and glutathione with a fluorescent probe based on a single atom replacement strategy. <i>Analytical Methods</i> , 2021, 13, 1358-1363.	1.3	6
14	A ratiometric fluorescent probe for visualization of thiophenol and its applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118061.	2.0	10
15	A novel fluorescent probe for selective imaging of cellular cysteine with large Stokes shift and high quantum yield. <i>Talanta</i> , 2020, 210, 120612.	2.9	38
16	A novel pyridinium-based fluorescent probe for ratiometric detection of peroxynitrite in mitochondria. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117762.	2.0	18
17	Group IV nanodots: synthesis, surface engineering and application in bioimaging and biotherapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10290-10308.	2.9	49
18	Insight into the Effect of Ligands on the Optical Properties of Germanium Quantum Dots and Their Applications in Persistent Cell Imaging. <i>Langmuir</i> , 2020, 36, 12375-12382.	1.6	4

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19	A near-infrared excitation/emission fluorescent probe for imaging of endogenous cysteine in living cells and zebrafish. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5539-5550.	1.9	10
20	Photoinduced Charge Separation via the Double-Electron Transfer Mechanism in Nitrogen Vacancies g-C ₃ N ₅ /BiOBr for the Photoelectrochemical Nitrogen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38266-38274.	4.0	94
21	A colorimetric and near-infrared ratiometric fluorescent probe for hydrazine detection and bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118764.	2.0	21
22	Hydrogen peroxide sensing in body fluids and tumor cells via in situ produced redox couples on two-dimensional holey CuCo ₂ O ₄ nanosheets. <i>Mikrochimica Acta</i> , 2020, 187, 469.	2.5	25
23	Group IV nanodots: Newly emerging properties and application in biomarkers sensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 116007.	5.8	51
24	Visualization of endogenous β -galactosidase activity in living cells and zebrafish with a turn-on near-infrared fluorescent probe. <i>Talanta</i> , 2020, 217, 121098.	2.9	26
25	A novel fluorescent probe with dual-sites for simultaneously monitoring metabolisms of cysteine in living cells and zebrafishes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118602.	2.0	16
26	Facile Preparation of MnO ₂ Quantum Dots with Enhanced Fluorescence via Microenvironment Engineering with the Assistance of Some Reductive Biomolecules. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15919-15927.	4.0	96
27	A near-infrared fluorescent probe for monitoring and imaging of β -galactosidase in living cells. <i>Talanta</i> , 2020, 219, 121307.	2.9	19
28	A novel fluorescent probe for detection of Glutathione dynamics during ROS-induced redox imbalance. <i>Analytica Chimica Acta</i> , 2020, 1115, 52-60.	2.6	15
29	A dual-emission and mitochondria-targeted fluorescent probe for rapid detection of SO ₂ derivatives and its imaging in living cells. <i>Talanta</i> , 2019, 191, 428-434.	2.9	34
30	Oxidative Dehydrogenative [3+3] Annulation of Benzylhydrazines with Aziridines Leading to Tetrahydrotriazines. <i>Chinese Journal of Chemistry</i> , 2019, 37, 878-882.	2.6	4
31	Aggregation-induced emission fluorescent probe for monitoring endogenous alkaline phosphatase in living cells. <i>Talanta</i> , 2019, 205, 120143.	2.9	25
32	Ti ₃ C ₂ /Cu ₂ O heterostructure based signal-off photoelectrochemical sensor for high sensitivity detection of glucose. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111535.	5.3	90
33	A dual (colorimetric and fluorometric) detection scheme for glutathione and silver (I) based on the oxidase mimicking activity of MnO ₂ nanosheets. <i>Mikrochimica Acta</i> , 2019, 186, 498.	2.5	46
34	A dual-signal colorimetric and ratiometric fluorescent nanoprobe for enzymatic determination of uric acid by using silicon nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 754.	2.5	30
35	A novel colorimetric and ratiometric fluorescent probe for sensing SO ₂ derivatives and their bio-imaging in living cells. <i>Analyst</i> , 2019, 144, 1546-1554.	1.7	35
36	A fluorescent probe for the specific detection of cysteine in human serum samples. <i>Analytical Methods</i> , 2019, 11, 3280-3285.	1.3	29

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37	A specific AIE and ESIPT fluorescent probe for peroxyxynitrite detection and imaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117230.	2.0	30
38	Colorimetric detection of ascorbic acid and alkaline phosphatase activity based on the novel oxidase mimetic of Fe ²⁺ /Co bimetallic alloy encapsulated porous carbon nanocages. <i>Talanta</i> , 2019, 202, 354-361.	2.9	58
39	A "naked-eye" colorimetric and ratiometric fluorescence probe for trace hydrazine. <i>Analytical Methods</i> , 2019, 11, 2591-2596.	1.3	26
40	The nature of the deactivation of hydrothermally stable Ni/SiO ₂ -Al ₂ O ₃ catalyst in long-time aqueous phase hydrogenation of crude 1,4-butanediol. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 2960-2967.	1.7	6
41	Bifunctional colorimetric biosensors via regulation of the dual nanoenzyme activity of carbonized FeCo-ZIF. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 357-363.	4.0	62
42	A dual-response near-infrared fluorescent probe for rapid detecting thiophenol and its application in water samples and bio-imaging. <i>Talanta</i> , 2019, 199, 355-360.	2.9	28
43	Simultaneous Visualization of Endogenous Homocysteine, Cysteine, Glutathione, and their Transformation through Different Fluorescence Channels. <i>Angewandte Chemie</i> , 2019, 131, 4605-4609.	1.6	26
44	Simultaneous Visualization of Endogenous Homocysteine, Cysteine, Glutathione, and their Transformation through Different Fluorescence Channels. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4557-4561.	7.2	159
45	An ESIPT-based fluorescent probe for the detection of phosgene in the solution and gas phases. <i>Talanta</i> , 2019, 200, 78-83.	2.9	48
46	A dual colorimetric and near-infrared fluorescent turn-on probe for Hg ²⁺ detection and its applications. <i>Dyes and Pigments</i> , 2019, 163, 118-125.	2.0	56
47	Germanium nanoparticles: Intrinsic peroxidase-like catalytic activity and its biosensing application. <i>Talanta</i> , 2019, 195, 407-413.	2.9	13
48	A turn-on fluorescent probe for vitamin C based on the use of a silicon/CoOOH nanoparticle system. <i>Mikrochimica Acta</i> , 2019, 186, 72.	2.5	21
49	A dual-signal colorimetric and near-infrared fluorescence probe for the detection of exogenous and endogenous hydrogen peroxide in living cells. <i>Sensors and Actuators B: Chemical</i> , 2019, 280, 120-128.	4.0	80
50	Highly sensitive and selective determination of copper(II) based on a dual catalytic effect and by using silicon nanoparticles as a fluorescent probe. <i>Mikrochimica Acta</i> , 2018, 185, 188.	2.5	24
51	Electrochemically prepared oxygen and sulfur co-doped graphitic carbon nitride quantum dots for fluorescence determination of copper and silver ions and biothiols. <i>Analytica Chimica Acta</i> , 2018, 1027, 121-129.	2.6	62
52	A fluorescent sensor for fast detection of peroxyxynitrite by removing of C=N in a benzothiazole derivative. <i>Analytica Chimica Acta</i> , 2018, 1014, 71-76.	2.6	37
53	Synergistic electron transfer effect-based signal amplification strategy for the ultrasensitive detection of dopamine. <i>Talanta</i> , 2018, 182, 428-432.	2.9	13
54	A lysosome-targeting colorimetric and fluorescent dual signal probe for sensitive detection and bioimaging of hydrogen sulfide. <i>Analytical Methods</i> , 2018, 10, 604-610.	1.3	18

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55	A simple assay platform for sensitive detection of Sudan IV in chilli powder based on CsPbBr ₃ quantum dots. <i>Journal of Food Science and Technology</i> , 2018, 55, 2497-2503.	1.4	11
56	Design of hexagonal circularly polarized antenna array using paralleled dynamic minimum lower confidence bound. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018, 28, e21184.	0.8	2
57	A simple fluorescent probe for the fast sequential detection of copper and biothiols based on a benzothiazole derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 191, 427-434.	2.0	38
58	Real-time tracking and selective visualization of exogenous and endogenous hydrogen sulfide by a near-infrared fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2347-2355.	4.0	62
59	Ultrasensitive Silicon Nanoparticle Ratiometric Fluorescence Determination of Mercury(II). <i>Analytical Letters</i> , 2018, 51, 1013-1028.	1.0	10
60	A highly selective, colorimetric and ratiometric fluorescent probe for NH ₂ NH ₂ and its bioimaging. <i>Talanta</i> , 2018, 180, 199-205.	2.9	46
61	A novel colorimetric and fluorescent probe for simultaneous detection of SO ₃ ²⁻ /HSO ₃ ⁻ and HSO ₄ ⁻ by different emission channels and its bioimaging in living cells. <i>Talanta</i> , 2018, 176, 1-7.	2.9	53
62	Synthesis of Fluorescent and Water-Dispersed Germanium Nanoparticles and Their Cellular Imaging Applications. <i>Langmuir</i> , 2018, 34, 8932-8938.	1.6	17
63	A lysosome targetable fluorescent probe for palladium species detection base on an ESIPT phthalimide derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 66-71.	2.0	16
64	A highly sensitive naked-eye fluorescent probe for trace hydrazine based on C-CN bond cleavage. <i>Analyst</i> , 2018, 143, 4354-4358.	1.7	27
65	A reaction-based, colorimetric and near-infrared fluorescent probe for Cu ²⁺ and its applications. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 118-125.	4.0	53
66	Graphitic carbon nitride nanodots: As reductant for the synthesis of silver nanoparticles and its biothiols biosensing application. <i>Biosensors and Bioelectronics</i> , 2017, 89, 411-416.	5.3	71
67	A simple fluorescent probe for detecting mercury(II) ion in aqueous solution and on agar gels. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1207-1214.	1.2	8
68	A novel long-wavelength fluorescent probe for discrimination of different palladium species based on Pd-catalyzed reactions. <i>RSC Advances</i> , 2017, 7, 24822-24827.	1.7	22
69	A simple and efficient fluorescent probe for the rapid detection of H ₂ S in living cells and on agar gels. <i>Analytical Methods</i> , 2017, 9, 3290-3295.	1.3	13
70	A benzothiazole-based fluorescent probe for distinguishing and bioimaging of Hg ²⁺ and Cu ²⁺ . <i>Analytica Chimica Acta</i> , 2017, 954, 97-104.	2.6	114
71	A Nanosensor Based on Carbon Dots for Recovered Fluorescence Detection Clenbuterol in Pork Samples. <i>Journal of Fluorescence</i> , 2017, 27, 1847-1853.	1.3	15
72	A new simple phthalimide-based fluorescent probe for highly selective cysteine and bioimaging for living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 371-375.	2.0	19

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73	A facile and simple method for synthesis of graphene oxide quantum dots from black carbon. <i>Green Chemistry</i> , 2017, 19, 900-904.	4.6	87
74	An electrochemical sensor for highly sensitive detection of copper ions based on a new molecular probe Pi-A decorated on graphene. <i>Analytical Methods</i> , 2017, 9, 618-624.	1.3	37
75	A novel fluorescence turn-on probe for the selective detection of thiophenols by caged benzooxazolidinocyanine. <i>RSC Advances</i> , 2017, 7, 46148-46154.	1.7	7
76	Universal Multifunctional Nanoplatform Based on Target-Induced in Situ Promoting Au Seeds Growth to Quench Fluorescence of Upconversion Nanoparticles. <i>ACS Sensors</i> , 2017, 2, 1805-1813.	4.0	37
77	A novel label-free electrochemical immunosensor based on aldehyde-terminated ionic liquid. <i>Talanta</i> , 2017, 175, 347-351.	2.9	11
78	A near-infrared and colorimetric fluorescent probe for palladium detection and bioimaging. <i>Dyes and Pigments</i> , 2017, 137, 293-298.	2.0	50
79	Glutathione regulation-based dual-functional upconversion sensing-platform for acetylcholinesterase activity and cadmium ions. <i>Biosensors and Bioelectronics</i> , 2017, 87, 545-551.	5.3	70
80	Onâ€“offâ€“ fluorescent silicon nanoparticles for recognition of chromium(VI) and hydrogen sulfide based on the inner filter effect. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 196-203.	4.0	84
81	A novel multiple signal amplifying immunosensor based on the strategy of in situ-produced electroactive substance by ALP and carbon-based Ag-Au bimetallic as the catalyst and signal enhancer. <i>Biosensors and Bioelectronics</i> , 2017, 92, 457-464.	5.3	51
82	A new â€œonâ€“offâ€“ fluorescent probe for the selective detection of copper ions in living cells. <i>Analytical Methods</i> , 2017, 9, 3956-3961.	1.3	19
83	Upconversion ratiometric fluorescence and colorimetric dual-readout assay for uric acid. <i>Biosensors and Bioelectronics</i> , 2016, 86, 664-670.	5.3	101
84	A new water-soluble and colorimetric fluorescent probe for highly sensitive detection of organophosphorus pesticides. <i>RSC Advances</i> , 2016, 6, 88096-88103.	1.7	23
85	Sensitive detection of hydrogen peroxide and nitrite based on silver/carbon nanocomposite synthesized by carbon dots as reductant via one step method. <i>Electrochimica Acta</i> , 2016, 211, 36-43.	2.6	42
86	Rapid and highly-sensitive uric acid sensing based on enzymatic catalysis-induced upconversion inner filter effect. <i>Biosensors and Bioelectronics</i> , 2016, 86, 109-114.	5.3	101
87	An excited-state intramolecular proton transfer-based probe for the discrimination of thiophenols over aliphatic thiols. <i>Analytical Methods</i> , 2016, 8, 1425-1430.	1.3	14
88	A double signal electrochemical human immunoglobulin G immunosensor based on gold nanoparticles-polydopamine functionalized reduced graphene oxide as a sensor platform and AgNPs/carbon nanocomposite as signal probe and catalytic substrate. <i>Biosensors and Bioelectronics</i> , 2016, 77, 1078-1085.	5.3	93
89	A novel colorimetric/fluorescence dual-channel sensor based on NBD for the rapid and highly sensitive detection of cysteine and homocysteine in living cells. <i>Analytical Methods</i> , 2016, 8, 2420-2426.	1.3	23
90	Highly selective and sensitive fluorescent probe for the detection of nitrite. <i>Talanta</i> , 2016, 152, 155-161.	2.9	43

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91	One-pot electrochemical synthesis of carbon dots/TiO ₂ nanocomposites with excellent visible light photocatalytic activity. <i>Materials Letters</i> , 2016, 173, 13-17.	1.3	31
92	Upconversion nanosensor for sensitive fluorescence detection of Sudan IV based on inner filter effect. <i>Talanta</i> , 2016, 148, 129-134.	2.9	56
93	A quadruplet electrochemical platform for ultrasensitive and simultaneous detection of ascorbic acid, dopamine, uric acid and acetaminophen based on a ferrocene derivative functional Au NPs/carbon dots nanocomposite and graphene. <i>Analytica Chimica Acta</i> , 2016, 903, 69-80.	2.6	142
94	Enzymatic-induced upconversion photoinduced electron transfer for sensing tyrosine in human serum. <i>Biosensors and Bioelectronics</i> , 2016, 77, 957-962.	5.3	47
95	A Highly Sensitive and Selective Hydrogen Peroxide Biosensor Based on Gold Nanoparticles and Three-Dimensional Porous Carbonized Chicken Eggshell Membrane. <i>PLoS ONE</i> , 2015, 10, e0130156.	1.1	20
96	Upconversion nanoparticle-based fluorescence resonance energy transfer assay for organophosphorus pesticides. <i>Biosensors and Bioelectronics</i> , 2015, 68, 168-174.	5.3	194
97	One-pot electrochemical synthesis of functionalized fluorescent carbon dots and their selective sensing for mercury ion. <i>Analytica Chimica Acta</i> , 2015, 866, 69-74.	2.6	244
98	An upconversion fluorescence resonance energy transfer nanosensor for one step detection of melamine in raw milk. <i>Talanta</i> , 2015, 136, 47-53.	2.9	58
99	Nanosensor Composed of Nitrogen-Doped Carbon Dots and Gold Nanoparticles for Highly Selective Detection of Cysteine with Multiple Signals. <i>Analytical Chemistry</i> , 2015, 87, 2195-2203.	3.2	217
100	“Turn on-off” fluorescent sensor for protamine and heparin based on label-free silicon quantum dots coupled with gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2015, 213, 131-138.	4.0	48
101	A novel label-free upconversion fluorescence resonance energy transfer-nanosensor for ultrasensitive detection of protamine and heparin. <i>Analytical Biochemistry</i> , 2015, 477, 28-34.	1.1	35
102	Label-free carbon quantum dots as photoluminescence probes for ultrasensitive detection of glucose. <i>RSC Advances</i> , 2015, 5, 69042-69046.	1.7	13
103	Multifunctional Electrochemical Platforms Based on the Michael Addition/Schiff Base Reaction of Polydopamine Modified Reduced Graphene Oxide: Construction and Application. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17935-17946.	4.0	171
104	A simple and new fluorescent and colorimetric probe based on NBD-maleimide for detecting thiols in living cells. <i>Analytical Methods</i> , 2015, 7, 6419-6425.	1.3	10
105	A new fluorescence and colorimetric sensor for highly selective and sensitive detection of glucose in 100% water. <i>RSC Advances</i> , 2015, 5, 63226-63232.	1.7	5
106	One-step electrochemical synthesis of ultrathin graphitic carbon nitride nanosheets and their application to the detection of uric acid. <i>Chemical Communications</i> , 2015, 51, 12251-12253.	2.2	112
107	A tetraphenylimidazole-based fluorescent probe for the detection of hydrogen sulfide and its application in living cells. <i>Analytica Chimica Acta</i> , 2015, 879, 85-90.	2.6	33
108	A simple and sensitive electrochemical immunosensor based on thiol aromatic aldehyde as a substrate for the antibody immobilization. <i>Talanta</i> , 2015, 141, 288-292.	2.9	18

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109	Hydroxyl-rich C-dots synthesized by a one-pot method and their application in the preparation of noble metal nanoparticles. <i>Chemical Communications</i> , 2015, 51, 7164-7167.	2.2	86
110	Large scale preparation of graphene quantum dots from graphite oxide in pure water via one-step electrochemical tailoring. <i>RSC Advances</i> , 2015, 5, 29704-29707.	1.7	58
111	Proton donor modulating ESIPT-based fluorescent probes for highly sensitive and selective detection of Cu ²⁺ . <i>RSC Advances</i> , 2015, 5, 76296-76301.	1.7	14
112	A simple and reversible fluorescent probe based on NBD for rapid detection of hypochlorite and its application for bioimaging. <i>RSC Advances</i> , 2015, 5, 79519-79524.	1.7	28
113	Synergetic signal amplification based on electrochemical reduced graphene oxide-ferrocene derivative hybrid and gold nanoparticles as an ultra-sensitive detection platform for bisphenol A. <i>Analytica Chimica Acta</i> , 2015, 853, 249-257.	2.6	78
114	(4-Ferrocenylethyne) Phenylamine Functionalized Graphene Oxide Modified Electrode for Sensitive Nitrite Sensing. <i>Electrochimica Acta</i> , 2014, 116, 504-511.	2.6	27
115	Sensitive detection of acetylcholine based on a novel boronate intramolecular charge transfer fluorescence probe. <i>Analytical Biochemistry</i> , 2014, 465, 172-178.	1.1	15
116	Electrochemical Synthesis of Carbon Nanodots Directly from Alcohols. <i>Chemistry - A European Journal</i> , 2014, 20, 4993-4999.	1.7	290
117	Water-dispersible silicon dots as a peroxidase mimetic for the highly-sensitive colorimetric detection of glucose. <i>Chemical Communications</i> , 2014, 50, 6771-6774.	2.2	85
118	A new turn-on fluorescent sensor based on NBD for highly selective detection of Hg ²⁺ in aqueous media and imaging in live cells. <i>Analytical Methods</i> , 2014, 6, 4797.	1.3	28
119	Apo ferritin protein nanoparticles dually labeled with aptamer and horseradish peroxidase as a sensing probe for thrombin detection. <i>Analytica Chimica Acta</i> , 2013, 759, 53-60.	2.6	34
120	Green synthesis of carbon dots with down- and up-conversion fluorescent properties for sensitive detection of hypochlorite with a dual-readout assay. <i>Analyst</i> , 2013, 138, 6551.	1.7	241
121	Simultaneous electrochemical determination of dihydroxybenzene isomers based on the hydrophilic carbon nanoparticles and ferrocene-derivative mediator dual sensitized graphene composite. <i>Electrochimica Acta</i> , 2013, 92, 216-225.	2.6	43
122	A Label-Free Silicon Quantum Dots-Based Photoluminescence Sensor for Ultrasensitive Detection of Pesticides. <i>Analytical Chemistry</i> , 2013, 85, 11464-11470.	3.2	182
123	(4-Ferrocenylethyne) phenylamine on Graphene as the Signal Amplificator to Determinate Dopamine and Acetaminophen Simultaneously. <i>Chinese Journal of Chemistry</i> , 2013, 31, 845-854.	2.6	14
124	Label-free DNA sensor for Pb ²⁺ based on a duplex-quadruplex exchange. <i>Analytical Methods</i> , 2013, 5, 6100.	1.3	14
125	Fluorescence resonance energy transfer aptasensor for platelet-derived growth factor detection based on upconversion nanoparticles in 30% blood serum. <i>Analytical Methods</i> , 2013, 5, 699-704.	1.3	34
126	Label-free Si quantum dots as photoluminescence probes for glucose detection. <i>Chemical Communications</i> , 2013, 49, 612-614.	2.2	125

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127	A label-free fluorescent molecular switch for Cu ²⁺ based on metal ion-triggered DNA-cleaving DNAzyme and DNA intercalator. <i>New Journal of Chemistry</i> , 2013, 37, 1252.	1.4	28
128	A colorimetric and fluorescence sensing platform for two analytes in homogenous solution based on aptamer-modified gold nanoparticles. <i>Analytical Methods</i> , 2013, 5, 2477.	1.3	17
129	A double signal amplification platform for ultrasensitive and simultaneous detection of ascorbic acid, dopamine, uric acid and acetaminophen based on a nanocomposite of ferrocene thiolate stabilized Fe ₃ O ₄ @Au nanoparticles with graphene sheet. <i>Biosensors and Bioelectronics</i> , 2013, 48, 75-81.	5.3	222
130	A new turn-on fluorescent probe for selective detection of glutathione and cysteine in living cells. <i>Chemical Communications</i> , 2013, 49, 4640.	2.2	142
131	Sensitive detection of rutin with novel ferrocene benzyne derivative modified electrodes. <i>Biosensors and Bioelectronics</i> , 2013, 41, 275-281.	5.3	62
132	Gold nanoparticle coupled with fluorophore for ultrasensitive detection of protamine and heparin. <i>Talanta</i> , 2013, 116, 951-957.	2.9	53
133	A simple adenosine fluorescent aptasensor based on the quenching ability of guanine. <i>New Journal of Chemistry</i> , 2012, 36, 2260.	1.4	13
134	A novel label-free fluorescent sensor for the detection of potassium ion based on DNAzyme. <i>Talanta</i> , 2012, 89, 57-62.	2.9	55
135	Carbon nanodots: synthesis, properties and applications. <i>Journal of Materials Chemistry</i> , 2012, 22, 24230.	6.7	2,339
136	Highly sensitive and selective dopamine biosensor based on a phenylethynyl ferrocene/graphene nanocomposite modified electrode. <i>Analyst</i> , The, 2012, 137, 4577.	1.7	67
137	Dual amplification strategy of highly sensitive thrombin amperometric aptasensor based on chitosan@Au nanocomposites. <i>Analyst</i> , The, 2012, 137, 3488.	1.7	23
138	Three-dimensional network polyamidoamine dendrimer-Au nanocomposite for the construction of a mediator-free horseradish peroxidase biosensor. <i>Analyst</i> , The, 2011, 136, 4500.	1.7	19
139	Fluorescent carbon nanoparticles: electrochemical synthesis and their pH sensitive photoluminescence properties. <i>New Journal of Chemistry</i> , 2011, 35, 2666.	1.4	143
140	Quartz Crystal Microbalance Detection of DNA Single-base Mutation Based on Monobase-coded Cadmium Tellurium Nanoprobe. <i>Analytical Sciences</i> , 2011, 27, 1229-1235.	0.8	8
141	Ultrasensitive electrochemical aptasensor for thrombin based on the amplification of aptamer@AuNPs@HRP conjugates. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2297-2303.	5.3	142
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147	Characterization of a cross-reactive monoclonal antibody against Norovirus genogroups I, II, III and V. <i>Virus Research</i> , 2010, 151, 142-147.	1.1	24
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