

# Xingguang Su

## List of Publications by Year in descending order

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159  
papers

6,410  
citations

61984

43  
h-index

85541

71  
g-index

161  
all docs

161  
docs citations

161  
times ranked

6875  
citing authors

#	ARTICLE	IF	CITATIONS
1	A pH-responsive fluorometric and colorimetric system based on silicon quantum dots and 4-nitrophenol for urease activity detection. <i>Talanta</i> , 2022, 237, 122956.	5.5	13
2	A ratiometric fluorescence strategy based on polyethyleneimine surface-modified carbon dots and Eosin Y for the ultrasensitive determination of protamine and trypsin. <i>Analyst, The</i> , 2022, 147, 677-684.	3.5	10
3	A dual-signal fluorometric-colorimetric sensing platform and visual detection with a smartphone for the determination of $\beta$ -galactosidase activity based on fluorescence silicon nanoparticles. <i>Talanta</i> , 2022, 240, 123165.	5.5	8
4	Heparin-enhanced peroxidase-like activity of iron-cobalt oxide nanosheets for sensitive colorimetric detection of trypsin. <i>Mikrochimica Acta</i> , 2022, 189, 135.	5.0	16
5	Constructing bifunctional metal-organic framework based nanozymes with fluorescence and oxidase activity for the dual-channel detection of butyrylcholinesterase. <i>Analytica Chimica Acta</i> , 2022, 1205, 339717.	5.4	17
6	Cascade reaction biosensor based on Cu/N co-doped two-dimensional carbon-based nanozyme for the detection of lactose and $\beta$ -galactosidase. <i>Talanta</i> , 2022, 245, 123451.	5.5	26
7	Label-free and dual-mode biosensor for HPV DNA based on DNA/silver nanoclusters and G-quadruplex/hemin DNAzyme. <i>Talanta</i> , 2022, 247, 123554.	5.5	10
8	Redox reaction-modulated fluorescence biosensor for ascorbic acid oxidase assay by using MoS <sub>2</sub> quantum dots as fluorescence probe. <i>Talanta</i> , 2021, 222, 121522.	5.5	20
9	Highly sensitive label-free fluorescence determination of lymphotropic virus DNA based on exonuclease assisted target recycling amplification and in-situ generation of fluorescent copper nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128847.	7.8	14
10	Silicon quantum dots based dual-mode fluorometric and colorimetric sensing of D-penicillamine. <i>Talanta</i> , 2021, 224, 121886.	5.5	20
11	Fe-N-C single-atom nanozymes with peroxidase-like activity for the detection of alkaline phosphatase. <i>Analyst, The</i> , 2021, 146, 896-903.	3.5	28
12	Design of a dual-signal sensing platform for D-penicillamine based on UiO-66-NH <sub>2</sub> MOFs and APBA@Alizarin Red. <i>Analyst, The</i> , 2021, 146, 5280-5286.	3.5	9
13	Fabrication of Bioresource-Derived Porous Carbon-Supported Iron as an Efficient Oxidase Mimic for Dual-Channel Biosensing. <i>Analytical Chemistry</i> , 2021, 93, 3130-3137.	6.5	54
14	Rapid synthesis of dual proteins co-functionalized gold nanoclusters for ratiometric fluorescence sensing of polynucleotide kinase activity. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129200.	7.8	18
15	Rational Fabrication of a Smart Electrochemiluminescent Sensor: Synergistic Effect of a Self-Luminous Faraday Cage and Biomimetic Magnetic Vesicles. <i>Analytical Chemistry</i> , 2021, 93, 7508-7515.	6.5	10
16	A fluorometric assay for $\beta$ -glucosidase activity based on quaternary AgInZnS QDs. <i>Mikrochimica Acta</i> , 2021, 188, 227.	5.0	6
17	Construction of a Sensing Platform Based on DNA-Encoded Magnetic Beads and Copper Nanoclusters for Viral Gene Analysis with Target Recycling Amplification. <i>ACS Applied Bio Materials</i> , 2021, 4, 5669-5677.	4.6	7
18	Self-assembled dual-emissive nanoprobe with metal-organic frameworks as scaffolds for enhanced ascorbic acid and ascorbate oxidase sensing. <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129910.	7.8	40

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19	Development of carbon dot-thiochrome-based sensing system for ratiometric fluorescence detection of d-penicillamine. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5779-5787.	3.7	4
20	Nanozyme-Based Detection of Alkaline Phosphatase. <i>ACS Applied Nano Materials</i> , 2021, 4, 7888-7896.	5.0	28
21	Lysozyme-Functionalized 5-Methyl-2-thiouracil Gold/Silver Nanoclusters for Luminescence Assay of Alkaline Phosphatase. <i>ACS Applied Nano Materials</i> , 2021, 4, 9265-9273.	5.0	16
22	Constructing self-assembled nanohybrids for the ratiometric fluorescent sensing of acetylcholinesterase activity. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130430.	7.8	9
23	MXene-Derived Quantum Dot@Gold Nanobones Heterostructure-Based Electrochemiluminescence Sensor for Triple-Negative Breast Cancer Diagnosis. <i>Analytical Chemistry</i> , 2021, 93, 17086-17093.	6.5	29
24	Sodium hexametaphosphate modulated fluorescence responsive biosensor based on self-assembly / disassembly mode of reduced-graphene quantum dots / chitosan system for alkaline phosphatase. <i>Talanta</i> , 2020, 207, 120341.	5.5	10
25	$\beta$ -Cyclodextrin modified silver nanoclusters for highly sensitive fluorescence sensing and bioimaging of intracellular alkaline phosphatase. <i>Talanta</i> , 2020, 207, 120315.	5.5	19
26	A fluorescence "off-on" sensing platform based on bimetallic gold/silver nanoclusters for ascorbate oxidase activity monitoring. <i>Analyst</i> , The, 2020, 145, 1001-1007.	3.5	20
27	UiO-66-NH <sub>2</sub> MOF-based ratiometric fluorescent probe for the detection of dopamine and reduced glutathione. <i>Talanta</i> , 2020, 220, 121352.	5.5	47
28	Nitrogen-doped graphene quantum dot-based sensing platform for metabolite detection. <i>Mikrochimica Acta</i> , 2020, 187, 532.	5.0	5
29	Ag-Ion-Modified Au Nanoclusters for Fluorometric Analysis of Alkaline Phosphatase. <i>ACS Applied Nano Materials</i> , 2020, 3, 6034-6042.	5.0	28
30	Single-atom iron containing nanozyme with peroxidase-like activity and copper nanoclusters based ratio fluorescent strategy for acetylcholinesterase activity sensing. <i>Sensors and Actuators B: Chemical</i> , 2020, 313, 128023.	7.8	75
31	Peroxidase-like activity of Fe <sup>N</sup> C single-atom nanozyme based colorimetric detection of galactose. <i>Analytica Chimica Acta</i> , 2020, 1128, 72-79.	5.4	58
32	Fe <sub>3</sub> O <sub>4</sub> NP@ZIF-8/MoS <sub>2</sub> QD-based electrochemiluminescence with nanosurface energy transfer strategy for point-of-care determination of ATP. <i>Analytica Chimica Acta</i> , 2020, 1127, 190-197.	5.4	21
33	A ratiometric fluorescent biosensor for the sensitive determination of $\beta$ -glucosidase activity and acarbose based on N-doped carbon dots. <i>Analyst</i> , The, 2020, 145, 5808-5815.	3.5	22
34	Determination of ascorbic acid and ascorbate oxidase based on quaternary CuInZnS QDs/thiochrome ratiometric fluorescence sensing system. <i>Talanta</i> , 2020, 214, 120814.	5.5	17
35	Label-free fluorescence assay based on near-infrared B,N-doped carbon dots as a fluorescent probe for the detection of sialic acid. <i>New Journal of Chemistry</i> , 2020, 44, 2350-2356.	2.8	23
36	A novel high efficient electrochemiluminescence sensor based on reductive Cu(I) particles catalyzed Zn-doped MoS <sub>2</sub> QDs for HPV 16 DNA determination. <i>Biosensors and Bioelectronics</i> , 2020, 160, 112217.	10.1	65

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37	High sensitive ratiometric fluorescence analysis of trypsin and dithiothreitol based on WS2 QDs. <i>Talanta</i> , 2020, 219, 121171.	5.5	20
38	An rQD/chitosan nanocomposite-based pH-sensitive probe: application to sensing in urease activity assays. <i>New Journal of Chemistry</i> , 2019, 43, 13398-13407.	2.8	7
39	Ratiometric fluorescence strategy for p53 gene assay by using nitrogen doped graphene quantum dots and berberine as fluorescence reporters. <i>Analytica Chimica Acta</i> , 2019, 1084, 78-84.	5.4	10
40	A molybdenum disulfide quantum dots-based ratiometric fluorescence strategy for sensitive detection of epinephrine and ascorbic acid. <i>Analytica Chimica Acta</i> , 2019, 1089, 123-130.	5.4	36
41	Split aptamer based sensing platform for adenosine deaminase detection by fluorescence resonance energy transfer. <i>Talanta</i> , 2019, 198, 1-7.	5.5	12
42	Ratio fluorescence analysis of T4 polynucleotide kinase activity based on the formation of a graphene quantum dot-copper nanocluster nanohybrid. <i>Nanoscale</i> , 2019, 11, 13903-13908.	5.6	26
43	Ratiometric fluorescence system for pH sensing and urea detection based on MoS <sub>2</sub> quantum dots and 2, 3-diaminophenazine. <i>Analytica Chimica Acta</i> , 2019, 1077, 200-207.	5.4	25
44	Novel coreactant modifier-based amplified electrochemiluminescence sensing method for point-of-care diagnostics of galactose. <i>Biosensors and Bioelectronics</i> , 2019, 138, 111318.	10.1	21
45	Fluorometric determination and intracellular imaging of cysteine by using glutathione capped gold nanoclusters and cerium(III) induced aggregation. <i>Mikrochimica Acta</i> , 2019, 186, 327.	5.0	20
46	Extraction and Separation of Eight Ginsenosides from Flower Buds of Panax Ginseng Using Aqueous Ionic Liquid-Based Ultrasonic-Assisted Extraction Coupled with an Aqueous Biphasic System. <i>Molecules</i> , 2019, 24, 778.	3.8	20
47	A label-free fluorescent sensor based on silicon quantum dots-MnO <sub>2</sub> nanosheets for the detection of I±-glucosidase and its inhibitor. <i>Analyst</i> , The, 2019, 144, 7398-7405.	3.5	26
48	Fluorometric determination of the activity of alkaline phosphatase based on a system composed of WS2 quantum dots and MnO <sub>2</sub> nanosheets. <i>Mikrochimica Acta</i> , 2019, 186, 839.	5.0	5
49	A novel fluorescence "turn off" nanosensor for sensitivity detection acid phosphatase and inhibitor based on glutathione-functionalized graphene quantum dots. <i>Talanta</i> , 2019, 192, 61-68.	5.5	42
50	WS2 quantum dots as a sensitive fluorescence probe for the detection of glucose. <i>Journal of Luminescence</i> , 2019, 207, 491-496.	3.1	27
51	Highly Selective Solid-Phase Extraction of Pb(II) by Ion-Imprinted Superparamagnetic Mesoporous Silica. <i>ChemistrySelect</i> , 2019, 4, 259-264.	1.5	7
52	Ultrasensitive detection alkaline phosphatase activity using 3-aminophenylboronic acid functionalized gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 175-181.	7.8	28
53	Copper nanoclusters capped with tannic acid as a fluorescent probe for real-time determination of the activity of pyrophosphatase. <i>Mikrochimica Acta</i> , 2018, 185, 182.	5.0	18
54	A label-free fluorescent biosensor for the detection of protein kinase activity based on gold nanoclusters/graphene oxide hybrid materials. <i>Analytica Chimica Acta</i> , 2018, 1013, 71-78.	5.4	22

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55	Yellow-Emissive Carbon Dot-Based Optical Sensing Platforms: Cell Imaging and Analytical Applications for Biocatalytic Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 7737-7744.	8.0	87
56	DNA-hosted copper nanoclusters/graphene oxide based fluorescent biosensor for protein kinase activity detection. <i>Analytica Chimica Acta</i> , 2018, 1012, 66-73.	5.4	48
57	A simple and convenient fluorescent strategy for the highly sensitive detection of dopamine and ascorbic acid based on graphene quantum dots. <i>Talanta</i> , 2018, 189, 190-195.	5.5	62
58	A novel label-free fluorescent sensor for highly sensitive detection of bleomycin based on nitrogen-doped graphene quantum dots. <i>Analytica Chimica Acta</i> , 2018, 1028, 45-49.	5.4	41
59	Review of optical sensors for pesticides. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 1-20.	11.4	287
60	A novel fluorescence biosensor for sensitivity detection of tyrosinase and acid phosphatase based on nitrogen-doped graphene quantum dots. <i>Analytica Chimica Acta</i> , 2018, 997, 52-59.	5.4	71
61	MnO <sub>2</sub> Nanosheet-Carbon Dots Sensing Platform for Sensitive Detection of Organophosphorus Pesticides. <i>Analytical Chemistry</i> , 2018, 90, 2618-2624.	6.5	288
62	An enzymatic ratiometric fluorescence assay for 6-mercaptopurine by using MoS <sub>2</sub> quantum dots. <i>Mikrochimica Acta</i> , 2018, 185, 540.	5.0	20
63	A novel fluorescence strategy for mercury ion and trypsin activity assay based on nitrogen-doped graphene quantum dots. <i>New Journal of Chemistry</i> , 2018, 42, 17083-17090.	2.8	28
64	Dual mode detection of amifostine based on gold nanoparticles and sulfanilic acid functionalized graphene quantum dots. <i>New Journal of Chemistry</i> , 2018, 42, 12126-12133.	2.8	7
65	Copper nanoclusters/polydopamine nanospheres based fluorescence aptasensor for protein kinase activity determination. <i>Analytica Chimica Acta</i> , 2018, 1035, 184-191.	5.4	24
66	A novel fluorimetric sensing strategy for highly sensitive detection of phytic acid and hydrogen peroxide. <i>Analytica Chimica Acta</i> , 2018, 1039, 74-81.	5.4	25
67	Convenient Method for Enhancing Hydrophobicity and Dispersibility of Starch Nanocrystals by Crosslinking Modification with Citric Acid. <i>International Journal of Food Engineering</i> , 2018, 14, .	1.5	11
68	A fluorometric sensing method for sensitive detection of trypsin and its inhibitor based on gold nanoclusters and gold nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6891-6900.	3.7	19
69	Influence of chitosan concentration on mechanical and barrier properties of corn starch/chitosan films. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 1636-1643.	7.5	271
70	Biosensing platform for the detection of uric acid based on graphene quantum dots and G-quadruplex/hemin DNAzyme. <i>Analytica Chimica Acta</i> , 2017, 965, 96-102.	5.4	48
71	A boronic acid based glucose assay based on the suppression of the inner filter effect of gold nanoparticles on the orange fluorescence of graphene oxide quantum dots. <i>Mikrochimica Acta</i> , 2017, 184, 1463-1470.	5.0	37
72	A novel turn-on fluorescent strategy for sensing ascorbic acid using graphene quantum dots as fluorescent probe. <i>Biosensors and Bioelectronics</i> , 2017, 92, 229-233.	10.1	122

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73	<sc>l</sc>-Cysteine-capped CdTe quantum dots as a fluorescent probe for sequential detection of lysozyme and trypsin. <i>New Journal of Chemistry</i> , 2017, 41, 4138-4144.	2.8	12
74	A novel fluorimetric sensing platform for highly sensitive detection of organophosphorus pesticides by using egg white-encapsulated gold nanoclusters. <i>Biosensors and Bioelectronics</i> , 2017, 91, 232-237.	10.1	141
75	A novel magnetic/photoluminescence bifunctional nanohybrid for the determination of trypsin. <i>Talanta</i> , 2017, 170, 286-290.	5.5	17
76	Oxidase-mimicking activity of ultrathin MnO <sub>2</sub> nanosheets in colorimetric assay of acetylcholinesterase activity. <i>Nanoscale</i> , 2017, 9, 2317-2323.	5.6	194
77	Sensitive fluorescence detection of ATP based on host-guest recognition between near-infrared $\beta$ -Cyclodextrin-CuInS <sub>2</sub> QDs and aptamer. <i>Talanta</i> , 2017, 165, 194-200.	5.5	31
78	Turn-on fluorometric NADPH assay using orange emitting graphene oxide quantum dots. <i>Mikrochimica Acta</i> , 2017, 184, 4571-4578.	5.0	5
79	A redox-modulated fluorescent strategy for the highly sensitive detection of metabolites by using graphene quantum dots. <i>Analytica Chimica Acta</i> , 2017, 990, 150-156.	5.4	8
80	Fluorescence turn-off-on probe based on polypyrrole/graphene quantum composites for selective and sensitive detection of paracetamol and ascorbic acid. <i>Biosensors and Bioelectronics</i> , 2017, 98, 222-226.	10.1	59
81	A label-free fluorescence nanosensor for the determination of adrenaline based on graphene quantum dots. <i>Analytical Methods</i> , 2017, 9, 4434-4438.	2.7	11
82	Gold nanocluster-based fluorescent assay for label-free detection of protein kinase and its inhibitors. <i>Mikrochimica Acta</i> , 2017, 184, 3381-3387.	5.0	12
83	A novel fluorescent DNA sensor for ultrasensitive detection of <i>Helicobacter pylori</i> . <i>Biosensors and Bioelectronics</i> , 2017, 87, 66-72.	10.1	59
84	Novel formaldehyde sensor based on hydrogen peroxide /melamine modulated photoluminescence of nitrogen-doped graphene quantum dots. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2017, 32, 1481-1486.	1.0	5
85	Hydrophobic starch nanocrystals preparations through crosslinking modification using citric acid. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 1186-1193.	7.5	91
86	Fluorometric detection of tyrosine and cysteine using graphene quantum dots. <i>RSC Advances</i> , 2016, 6, 33197-33204.	3.6	25
87	A label-free fluorescence biosensor for highly sensitive detection of lectin based on carboxymethyl chitosan-quantum dots and gold nanoparticles. <i>Analytica Chimica Acta</i> , 2016, 932, 88-97.	5.4	24
88	Graphene quantum dots as selective fluorescence sensor for the detection of ascorbic acid and acid phosphatase via Cr( <sup>vi</sup> )/Cr( <sup>iii</sup> )-modulated redox reaction. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3278-3285.	5.8	77
89	Graphene Quantum Dotâ€MnO <sub>2</sub> Nanosheet Based Optical Sensing Platform: A Sensitive Fluorescence â€Turn Offâ€Onâ€Nanosensor for Glutathione Detection and Intracellular Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 21990-21996.	8.0	220
90	Turn-offâ€on fluorescence probe based on 3-mercaptopropionic acid-capped CdS quantum dots for selective and sensitive lysozyme detection. <i>RSC Advances</i> , 2016, 6, 85795-85801.	3.6	8

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91	Highly sensitive detection of acid phosphatase by using a graphene quantum dots-based Förster resonance energy transfer. <i>Talanta</i> , 2016, 161, 469-475.	5.5	32
92	Photovoltaic properties of titanium dioxide nanowires with different crystal structures. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 661-664.	2.6	5
93	Dual modification of starch nanocrystals via crosslinking and esterification for enhancing their hydrophobicity. <i>Food Research International</i> , 2016, 87, 180-188.	6.2	52
94	Aptamer based lysozyme assay using fluorescent CuInS <sub>2</sub> quantum dots and graphene oxide, and its application to inhibitor screening. <i>Mikrochimica Acta</i> , 2016, 183, 2907-2916.	5.0	10
95	One-pot synthesis of strongly fluorescent DNA-CuInS <sub>2</sub> quantum dots for label-free and ultrasensitive detection of anthrax lethal factor DNA. <i>Analytica Chimica Acta</i> , 2016, 942, 86-95.	5.4	14
96	A label-free and sensitive fluorescent assay for one step detection of protein kinase activity and inhibition. <i>Analytica Chimica Acta</i> , 2016, 935, 224-230.	5.4	19
97	A novel ratiometric dual-emission fluorescence magnetic nanohybrid for HlgG immunoassay. <i>New Journal of Chemistry</i> , 2016, 40, 6860-6866.	2.8	2
98	Sensitive detection of acid phosphatase based on graphene quantum dots nanoassembly. <i>Analyst</i> , The, 2016, 141, 4926-4932.	3.5	18
99	A novel aptamer-mediated CuInS <sub>2</sub> quantum dots@graphene oxide nanocomposites-based fluorescence resonance energy transfer nanosensor for highly sensitive and selective detection of kanamycin. <i>RSC Advances</i> , 2016, 6, 10205-10214.	3.6	30
100	Near-infrared fluorescence nanoprobe for enzyme-substrate system sensing and in vitro imaging. <i>Biosensors and Bioelectronics</i> , 2016, 79, 922-929.	10.1	35
101	Multiplex electrochemiluminescence DNA sensor for determination of hepatitis B virus and hepatitis C virus based on multicolor quantum dots and Au nanoparticles. <i>Analytica Chimica Acta</i> , 2016, 916, 92-101.	5.4	62
102	Highly sensitive fluorescent determination of sulfide using BSA-capped CdS quantum dots. <i>New Journal of Chemistry</i> , 2016, 40, 1872-1877.	2.8	7
103	Advances in the application of QD-based intracellular sensing systems. <i>Applied Spectroscopy Reviews</i> , 2016, 51, 162-181.	6.7	4
104	A biosensing platform for sensitive detection of concanavalin A based on fluorescence resonance energy transfer from CdTe quantum dots to graphene oxide. <i>New Journal of Chemistry</i> , 2015, 39, 6092-6098.	2.8	22
105	A novel fluorescent probe for adenosine 5'-triphosphate detection based on Zn <sup>2+</sup> -modulated l-cysteine capped CdTe quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 433-440.	7.8	26
106	A near-infrared fluorescent bioassay for thrombin using aptamer-modified CuInS <sub>2</sub> quantum dots. <i>Mikrochimica Acta</i> , 2015, 182, 1933-1939.	5.0	13
107	Highly sensitive detection of 2,4,6-trinitrophenol (TNP) based on lysozyme capped CdS quantum dots. <i>RSC Advances</i> , 2015, 5, 51428-51434.	3.6	17
108	Determination of arsenic(III) based on the fluorescence resonance energy transfer between CdTe QDs and Rhodamine 6G. <i>RSC Advances</i> , 2015, 5, 17519-17525.	3.6	34

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109	A highly sensitive dual-readout assay based on gold nanoclusters for folic acid detection. <i>Mikrochimica Acta</i> , 2015, 182, 1281-1288.	5.0	29
110	A naked-eye pH-modulated ratiometric photoluminescence sensor based on dual-emission quantum dot@silica nanoparticles for Zn <sup>2+</sup> and IO <sub>3</sub> <sup>-</sup> . <i>RSC Advances</i> , 2015, 5, 69251-69258.	3.6	5
111	Multi-positively charged dendrimeric nanoparticles induced fluorescence quenching of graphene quantum dots for heparin and chondroitin sulfate detection. <i>Biosensors and Bioelectronics</i> , 2015, 74, 284-290.	10.1	45
112	A ratiometric fluorescent quantum dots based biosensor for organophosphorus pesticides detection by inner-filter effect. <i>Biosensors and Bioelectronics</i> , 2015, 74, 277-283.	10.1	219
113	Detection of bisphenol A in food packaging based on fluorescent conjugated polymer PPESO <sub>3</sub> and enzyme system. <i>Food Chemistry</i> , 2015, 185, 233-238.	8.2	28
114	A convenient and label-free fluorescence "turn off" nanosensor with high sensitivity and selectivity for acid phosphatase. <i>Analytica Chimica Acta</i> , 2015, 876, 83-90.	5.4	31
115	Novel aqueous synthesis methods for ZnTe/ZnSe and Mn <sup>2+</sup> -doped ZnTe/ZnSe Type-II core/shell quantum dots. <i>RSC Advances</i> , 2015, 5, 6271-6278.	3.6	12
116	Highly sensitive and selective detection of phosphate using novel highly photoluminescent water-soluble Mn-doped ZnTe/ZnSe quantum dots. <i>Talanta</i> , 2015, 144, 680-685.	5.5	19
117	Visual and Fluorescent Detection of Tyrosinase Activity by Using a Dual-Emission Ratiometric Fluorescence Probe. <i>Analytical Chemistry</i> , 2015, 87, 8904-8909.	6.5	143
118	A facile photoluminescence modulated nanosensor based on nitrogen-doped graphene quantum dots for sulfite detection. <i>New Journal of Chemistry</i> , 2015, 39, 8114-8120.	2.8	42
119	Label-free aptamer biosensor for selective detection of thrombin. <i>Analytica Chimica Acta</i> , 2015, 899, 85-90.	5.4	28
120	Ultrasensitive detection of amifostine and alkaline phosphatase based on the growth of CdS quantum dots. <i>Talanta</i> , 2015, 144, 1059-1064.	5.5	15
121	Selective detection of parathion-methyl based on near-infrared CuInS <sub>2</sub> quantum dots. <i>Food Chemistry</i> , 2015, 173, 179-184.	8.2	70
122	A novel signal-off electrochemiluminescence biosensor for the determination of glucose based on double nanoparticles. <i>Biosensors and Bioelectronics</i> , 2015, 63, 519-524.	10.1	69
123	Label-free detection of exonuclease III by using dsDNA-templated copper nanoparticles as fluorescent probe. <i>Talanta</i> , 2015, 131, 59-63.	5.5	52
124	A novel fluorescence probing strategy for the determination of parathion-methyl. <i>Talanta</i> , 2015, 131, 88-94.	5.5	67
125	A novel and convenient near-infrared fluorescence "turn off" nanosensor for detection of glucose and fluoride anions. <i>Biosensors and Bioelectronics</i> , 2015, 65, 145-151.	10.1	61
126	Fluorescence detection of adenosine-5 <sup>-</sup> -triphosphate and alkaline phosphatase based on the generation of CdS quantum dots. <i>Analytica Chimica Acta</i> , 2014, 827, 103-110.	5.4	32



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127	A novel aptamer functionalized CuInS <sub>2</sub> quantum dots probe for daunorubicin sensing and near infrared imaging of prostate cancer cells. <i>Analytica Chimica Acta</i> , 2014, 818, 54-60.	5.4	67
128	A novel fluorescent nanosensor for detection of heparin and heparinase based on CuInS <sub>2</sub> quantum dots. <i>Biosensors and Bioelectronics</i> , 2014, 54, 617-622.	10.1	95
129	Near-infrared fluorescence probe for the determination of alkaline phosphatase. <i>Biosensors and Bioelectronics</i> , 2014, 55, 249-254.	10.1	78
130	Multifunctional Fe <sub>3</sub> O <sub>4</sub> @CdTe@SiO <sub>2</sub> -carboxymethyl chitosan drug nanocarriers: synergistic effect towards magnetic targeted drug delivery and cell imaging. <i>New Journal of Chemistry</i> , 2014, 38, 700-708.	2.8	37
131	Albumin coated CuInS <sub>2</sub> quantum dots as a near-infrared fluorescent probe for NADH, and their application to an assay for pyruvate. <i>Mikrochimica Acta</i> , 2014, 181, 339-345.	5.0	7
132	CuInS <sub>2</sub> quantum dots@silica near-infrared fluorescent nanoprobe for cell imaging. <i>New Journal of Chemistry</i> , 2014, 38, 90-96.	2.8	34
133	A label-free conjugated polymer-based fluorescence assay for the determination of adenosine triphosphate and alkaline phosphatase. <i>New Journal of Chemistry</i> , 2014, 38, 4574-4579.	2.8	38
134	Sensitive fluorometric detection of alkaline phosphatase using a water-soluble conjugated polymer. <i>RSC Advances</i> , 2014, 4, 42825-42830.	3.6	15
135	A fluorescence assay for the trace detection of protamine and heparin. <i>RSC Advances</i> , 2014, 4, 25857.	3.6	43
136	The synthesis and application of III-VI type quantum dots. <i>RSC Advances</i> , 2014, 4, 43415-43428.	3.6	52
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144	A novel enzyme-mimic nanosensor based on quantum dot-Au nanoparticle@silica mesoporous microsphere for the detection of glucose. <i>Analytica Chimica Acta</i> , 2014, 840, 68-74.	5.4	48

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