

# Xingguang Su

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

159  
papers

4,730  
citations

38  
h-index

61  
g-index

161  
ext. papers

5,592  
ext. citations

6.1  
avg, IF

6.32  
L-index

#	Paper	IF	Citations
159	A pH-responsive fluorometric and colorimetric system based on silicon quantum dots and 4-nitrophenol for urease activity detection. <i>Talanta</i> , <b>2022</b> , 237, 122956	6.2	2
158	Heparin-enhanced peroxidase-like activity of iron-cobalt oxide nanosheets for sensitive colorimetric detection of trypsin.. <i>Mikrochimica Acta</i> , <b>2022</b> , 189, 135	5.8	1
157	Constructing bifunctional metal-organic framework based nanozymes with fluorescence and oxidase activity for the dual-channel detection of butyrylcholinesterase.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1205, 339717	6.6	1
156	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> , <b>2022</b> , 245, 123451	6.2	4
155	Label-free and dual-mode biosensor for HPV DNA based on DNA/silver nanoclusters and G-quadruplex/hemin DNAzyme. <i>Talanta</i> , <b>2022</b> , 247, 123554	6.2	0
154	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> , <b>2021</b> , 240, 123165	6.2	0
153	Rational Fabrication of a Smart Electrochemiluminescent Sensor: Synergistic Effect of a Self-Luminous Faraday Cage and Biomimetic Magnetic Vesicles. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 7508-7515	7.8	4
152	A fluorometric assay for $\beta$ -glucosidase activity based on quaternary AgInZnS QDs. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 227	5.8	2
151	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> , <b>2021</b> , 4, 5669-5677	4.1	1
150	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> , <b>2021</b> , 339, 129910	8.5	10
149	Development of carbon dot-thiochrome-based sensing system for ratiometric fluorescence detection of D-penicillamine. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 5779-5787	4.4	0
148	Redox reaction-modulated fluorescence biosensor for ascorbic acid oxidase assay by using MoS <sub>2</sub> quantum dots as fluorescence probe. <i>Talanta</i> , <b>2021</b> , 222, 121522	6.2	5
147	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> , <b>2021</b> , 326, 128847	8.5	10
146	Silicon quantum dots based dual-mode fluorometric and colorimetric sensing of D-penicillamine. <i>Talanta</i> , <b>2021</b> , 224, 121886	6.2	12
145	Fe-N-C single-atom nanozymes with peroxidase-like activity for the detection of alkaline phosphatase. <i>Analyt, The</i> , <b>2021</b> , 146, 896-903	5	10
144	Design of a dual-signal sensing platform for d-penicillamine based on UiO-66-NH MOFs and APBA@Alizarin Red. <i>Analyt, The</i> , <b>2021</b> , 146, 5280-5286	5	2
143	Fabrication of Bioresource-Derived Porous Carbon-Supported Iron as an Efficient Oxidase Mimic for Dual-Channel Biosensing. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 3130-3137	7.8	22

142	Rapid synthesis of dual proteins co-functionalized gold nanoclusters for ratiometric fluorescence sensing of polynucleotide kinase activity. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 329, 129200	8.5	6
141	Nanozyme-Based Detection of Alkaline Phosphatase. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 7888-7896	5.6	4
140	Lysozyme-Functionalized 5-Methyl-2-thiouracil Gold/Silver Nanoclusters for Luminescence Assay of Alkaline Phosphatase. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 9265-9273	5.6	3
139	Constructing self-assembled nanohybrids for the ratiometric fluorescent sensing of acetylcholinesterase activity. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 345, 130430	8.5	2
138	MXene-Derived Quantum Dot@Gold Nanobones Heterostructure-Based Electrochemiluminescence Sensor for Triple-Negative Breast Cancer Diagnosis.. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 17086-17093	7.8	10
137	Ag-Ion-Modified Au Nanoclusters for Fluorometric Analysis of Alkaline Phosphatase. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 6034-6042	5.6	16
136	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> , <b>2020</b> , 313, 128023	8.5	30
135	Peroxidase-like activity of Fe-N-C single-atom nanozyme based colorimetric detection of galactose. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1128, 72-79	6.6	22
134	FeO NP@ZIF-8/MoS QD-based electrochemiluminescence with nanosurface energy transfer strategy for point-of-care determination of ATP. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1127, 190-197	6.6	9
133	A ratiometric fluorescent biosensor for the sensitive determination of $\beta$ -glucosidase activity and acarbose based on N-doped carbon dots. <i>Analyst, The</i> , <b>2020</b> , 145, 5808-5815	5	6
132	Determination of ascorbic acid and ascorbate oxidase based on quaternary CuInZnS QDs/thiochrome ratiometric fluorescence sensing system. <i>Talanta</i> , <b>2020</b> , 214, 120814	6.2	7
131	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> , <b>2020</b> , 44, 2350-2356	3.6	7
130	High sensitive ratiometric fluorescence analysis of trypsin and dithiothreitol based on WS QDs. <i>Talanta</i> , <b>2020</b> , 219, 121171	6.2	11
129	A fluorescence "off-on-off" sensing platform based on bimetallic gold/silver nanoclusters for ascorbate oxidase activity monitoring. <i>Analyst, The</i> , <b>2020</b> , 145, 1001-1007	5	11
128	UiO-66-NH MOF-based ratiometric fluorescent probe for the detection of dopamine and reduced glutathione. <i>Talanta</i> , <b>2020</b> , 220, 121352	6.2	25
127	Nitrogen-doped graphene quantum dot-based sensing platform for metabolite detection. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 532	5.8	2
126	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> , <b>2020</b> , 207, 120341	6.2	7
125	$\beta$ Cyclodextrin modified silver nanoclusters for highly sensitive fluorescence sensing and bioimaging of intracellular alkaline phosphatase. <i>Talanta</i> , <b>2020</b> , 207, 120315	6.2	15

124	A novel high efficient electrochemiluminescence sensor based on reductive Cu(I) particles catalyzed Zn-doped MoS QDs for HPV 16 DNA determination. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 160, 112217	11.8	39
123	Split aptamer based sensing platform for adenosine deaminase detection by fluorescence resonance energy transfer. <i>Talanta</i> , <b>2019</b> , 198, 1-7	6.2	10
122	Ratio fluorescence analysis of T4 polynucleotide kinase activity based on the formation of a graphene quantum dot-copper nanocluster nanohybrid. <i>Nanoscale</i> , <b>2019</b> , 11, 13903-13908	7.7	15
121	Ratiometric fluorescence system for pH sensing and urea detection based on MoS quantum dots and 2, 3-diaminophenazine. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1077, 200-207	6.6	17
120	Novel coreactant modifier-based amplified electrochemiluminescence sensing method for point-of-care diagnostics of galactose. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 138, 111318	11.8	13
119	Fluorometric determination and intracellular imaging of cysteine by using glutathione capped gold nanoclusters and cerium(III) induced aggregation. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 327	5.8	14
118	Extraction and Separation of Eight Ginsenosides from Flower Buds of Using Aqueous Ionic Liquid-Based Ultrasonic-Assisted Extraction Coupled with an Aqueous Biphasic System. <i>Molecules</i> , <b>2019</b> , 24,	4.8	8
117	An rGQD/chitosan nanocomposite-based pH-sensitive probe: application to sensing in urease activity assays. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 13398-13407	3.6	1
116	Ratiometric fluorescence strategy for p53 gene assay by using nitrogen doped graphene quantum dots and berberine as fluorescence reporters. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1084, 78-84	6.6	5
115	A molybdenum disulfide quantum dots-based ratiometric fluorescence strategy for sensitive detection of epinephrine and ascorbic acid. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1089, 123-130	6.6	21
114	A label-free fluorescent sensor based on silicon quantum dots-MnO nanosheets for the detection of $\beta$ -glucosidase and its inhibitor. <i>Analyst, The</i> , <b>2019</b> , 144, 7398-7405	5	14
113	Fluorometric determination of the activity of alkaline phosphatase based on a system composed of WS quantum dots and MnO nanosheets. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 839	5.8	2
112	A novel fluorescence "turn off-on" nanosensor for sensitivity detection acid phosphatase and inhibitor based on glutathione-functionalized graphene quantum dots. <i>Talanta</i> , <b>2019</b> , 192, 61-68	6.2	29
111	WS2 quantum dots as a sensitive fluorescence probe for the detection of glucose. <i>Journal of Luminescence</i> , <b>2019</b> , 207, 491-496	3.8	17
110	Highly Selective Solid-Phase Extraction of Pb(II) by Ion-Imprinted Superparamagnetic Mesoporous Silica. <i>ChemistrySelect</i> , <b>2019</b> , 4, 259-264	1.8	5
109	Ultrasensitive detection alkaline phosphatase activity using 3-aminophenylboronic acid functionalized gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 281, 175-181	8.5	22
108	Copper nanoclusters capped with tannic acid as a fluorescent probe for real-time determination of the activity of pyrophosphatase. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 182	5.8	13
107	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> , <b>2018</b> , 1013, 71-78	6.6	18

106	Yellow-Emissive Carbon Dot-Based Optical Sensing Platforms: Cell Imaging and Analytical Applications for Biocatalytic Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 7737-7744	9.5	63
105	DNA-hosted copper nanoclusters/graphene oxide based fluorescent biosensor for protein kinase activity detection. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1012, 66-73	6.6	36
104	A simple and convenient fluorescent strategy for the highly sensitive detection of dopamine and ascorbic acid based on graphene quantum dots. <i>Talanta</i> , <b>2018</b> , 189, 190-195	6.2	48
103	A novel label-free fluorescent sensor for highly sensitive detection of bleomycin based on nitrogen-doped graphene quantum dots. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1028, 45-49	6.6	33
102	Review of optical sensors for pesticides. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 103, 1-20	14.6	182
101	A novel fluorescence biosensor for sensitivity detection of tyrosinase and acid phosphatase based on nitrogen-doped graphene quantum dots. <i>Analytica Chimica Acta</i> , <b>2018</b> , 997, 52-59	6.6	51
100	Copper nanoclusters/polydopamine nanospheres based fluorescence aptasensor for protein kinase activity determination. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1035, 184-191	6.6	19
99	A novel fluorimetric sensing strategy for highly sensitive detection of phytic acid and hydrogen peroxide. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1039, 74-81	6.6	21
98	Convenient Method for Enhancing Hydrophobicity and Dispersibility of Starch Nanocrystals by Crosslinking Modification with Citric Acid. <i>International Journal of Food Engineering</i> , <b>2018</b> , 14,	1.9	5
97	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> , <b>2018</b> , 410, 6891-6900	4.4	9
96	MnO Nanosheet-Carbon Dots Sensing Platform for Sensitive Detection of Organophosphorus Pesticides. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 2618-2624	7.8	203
95	An enzymatic ratiometric fluorescence assay for 6-mercaptopurine by using MoS quantum dots. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 540	5.8	13
94	A novel fluorescence strategy for mercury ion and trypsin activity assay based on nitrogen-doped graphene quantum dots. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 17083-17090	3.6	19
93	Dual mode detection of amifostine based on gold nanoparticles and sulfanilic acid functionalized graphene quantum dots. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 12126-12133	3.6	5
92	Influence of chitosan concentration on mechanical and barrier properties of corn starch/chitosan films. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 105, 1636-1643	7.9	178
91	Biosensing platform for the detection of uric acid based on graphene quantum dots and G-quadruplex/hemin DNAzyme. <i>Analytica Chimica Acta</i> , <b>2017</b> , 965, 96-102	6.6	40
90	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> , <b>2017</b> , 184, 1463-1470	5.8	28
89	A novel turn-on fluorescent strategy for sensing ascorbic acid using graphene quantum dots as fluorescent probe. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 92, 229-233	11.8	93

88	L-Cysteine-capped CdTe quantum dots as a fluorescent probe for sequential detection of lysozyme and trypsin. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 4138-4144	3.6	11
87	A novel fluorimetric sensing platform for highly sensitive detection of organophosphorus pesticides by using egg white-encapsulated gold nanoclusters. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 91, 232-237	11.8	111
86	A novel magnetic/photoluminescence bifunctional nanohybrid for the determination of trypsin. <i>Talanta</i> , <b>2017</b> , 170, 286-290	6.2	14
85	Oxidase-mimicking activity of ultrathin MnO nanosheets in colorimetric assay of acetylcholinesterase activity. <i>Nanoscale</i> , <b>2017</b> , 9, 2317-2323	7.7	152
84	Sensitive fluorescence detection of ATP based on host-guest recognition between near-infrared $\beta$ -Cyclodextrin-CuInS QDs and aptamer. <i>Talanta</i> , <b>2017</b> , 165, 194-200	6.2	27
83	Turn-on fluorometric NADPH assay using orange emitting graphene oxide quantum dots. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4571-4578	5.8	5
82	A redox-modulated fluorescent strategy for the highly sensitive detection of metabolites by using graphene quantum dots. <i>Analytica Chimica Acta</i> , <b>2017</b> , 990, 150-156	6.6	4
81	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> , <b>2017</b> , 98, 222-226	11.8	48
80	A label-free fluorescence nanosensor for the determination of adrenaline based on graphene quantum dots. <i>Analytical Methods</i> , <b>2017</b> , 9, 4434-4438	3.2	6
79	Gold nanocluster-based fluorescent assay for label-free detection of protein kinase and its inhibitors. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 3381-3387	5.8	10
78	A novel fluorescent DNA sensor for ultrasensitive detection of <i>Helicobacter pylori</i> . <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 87, 66-72	11.8	48
77	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> , <b>2017</b> , 32, 1481-1486	1	2
76	Highly sensitive detection of acid phosphatase by using a graphene quantum dots-based Förster resonance energy transfer. <i>Talanta</i> , <b>2016</b> , 161, 469-475	6.2	25
75	Photovoltaic properties of titanium dioxide nanowires with different crystal structures. <i>Chemical Research in Chinese Universities</i> , <b>2016</b> , 32, 661-664	2.2	5
74	Dual modification of starch nanocrystals via crosslinking and esterification for enhancing their hydrophobicity. <i>Food Research International</i> , <b>2016</b> , 87, 180-188	7	36
73	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> , <b>2016</b> , 183, 2907-2916	5.8	9
72	One-pot synthesis of strongly fluorescent DNA-CuInS quantum dots for label-free and ultrasensitive detection of anthrax lethal factor DNA. <i>Analytica Chimica Acta</i> , <b>2016</b> , 942, 86-95	6.6	12
71	A label-free and sensitive fluorescent assay for one step detection of protein kinase activity and inhibition. <i>Analytica Chimica Acta</i> , <b>2016</b> , 935, 224-30	6.6	15

70	A novel ratiometric dual-emission fluorescence magnetic nano hybrid for HlgG immunoassay. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 6860-6866	3.6	1
69	Sensitive detection of acid phosphatase based on graphene quantum dots nanoassembly. <i>Analyt, The</i> , <b>2016</b> , 141, 4926-32	5	12
68	A novel aptamer-mediated CuInS <sub>2</sub> quantum dots@graphene oxide nanocomposites-based fluorescence turn off on nanosensor for highly sensitive and selective detection of kanamycin. <i>RSC Advances</i> , <b>2016</b> , 6, 10205-10214	3.7	26
67	Near-infrared fluorescence nanoprobe for enzyme-substrate system sensing and in vitro imaging. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 79, 922-9	11.8	30
66	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> , <b>2016</b> , 916, 92-101	6.6	52
65	Highly sensitive fluorescent determination of sulfide using BSA-capped CdS quantum dots. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 1872-1877	3.6	5
64	Advances in the application of QD-based intracellular sensing systems. <i>Applied Spectroscopy Reviews</i> , <b>2016</b> , 51, 162-181	4.5	4
63	Hydrophobic starch nanocrystals preparations through crosslinking modification using citric acid. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 1186-93	7.9	55
62	Fluorometric detection of tyrosine and cysteine using graphene quantum dots. <i>RSC Advances</i> , <b>2016</b> , 6, 33197-33204	3.7	20
61	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> , <b>2016</b> , 932, 88-97	6.6	16
60	Graphene quantum dots as selective fluorescence sensor for the detection of ascorbic acid and acid phosphatase via Cr(vi)/Cr(iii)-modulated redox reaction. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 3278-3285	7.3	67
59	Graphene Quantum Dot-MnO <sub>2</sub> Nanosheet Based Optical Sensing Platform: A Sensitive Fluorescence "Turn Off-On" Nanosensor for Glutathione Detection and Intracellular Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 21990-6	9.5	183
58	Turn-off on fluorescence probe based on 3-mercaptopropionic acid-capped CdS quantum dots for selective and sensitive lysozyme detection. <i>RSC Advances</i> , <b>2016</b> , 6, 85795-85801	3.7	7
57	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> , <b>2015</b> , 5, 69251-69258	3.7	4
56	Multi-positively charged dendrimeric nanoparticles induced fluorescence quenching of graphene quantum dots for heparin and chondroitin sulfate detection. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 74, 284-90	11.8	42
55	A ratiometric fluorescent quantum dots based biosensor for organophosphorus pesticides detection by inner-filter effect. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 74, 277-83	11.8	176
54	Detection of bisphenol A in food packaging based on fluorescent conjugated polymer PPESO <sub>3</sub> and enzyme system. <i>Food Chemistry</i> , <b>2015</b> , 185, 233-8	8.5	26
53	A convenient and label-free fluorescence "turn off-on" nanosensor with high sensitivity and selectivity for acid phosphatase. <i>Analytica Chimica Acta</i> , <b>2015</b> , 876, 83-90	6.6	26

52	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> , <b>2015</b> , 5, 6271-6278	3.7	10
51	Highly sensitive and selective detection of phosphate using novel highly photoluminescent water-soluble Mn-doped ZnTe/ZnSe quantum dots. <i>Talanta</i> , <b>2015</b> , 144, 680-5	6.2	14
50	Visual and fluorescent detection of tyrosinase activity by using a dual-emission ratiometric fluorescence probe. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 8904-9	7.8	125
49	A facile photoluminescence modulated nanosensor based on nitrogen-doped graphene quantum dots for sulfite detection. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 8114-8120	3.6	37
48	Label-free aptamer biosensor for selective detection of thrombin. <i>Analytica Chimica Acta</i> , <b>2015</b> , 899, 85-90	6.6	24
47	Ultrasensitive detection of amifostine and alkaline phosphatase based on the growth of CdS quantum dots. <i>Talanta</i> , <b>2015</b> , 144, 1059-64	6.2	14
46	Selective detection of parathion-methyl based on near-infrared CuInS <sub>2</sub> quantum dots. <i>Food Chemistry</i> , <b>2015</b> , 173, 179-84	8.5	54
45	A novel signal-off electrochemiluminescence biosensor for the determination of glucose based on double nanoparticles. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 63, 519-524	11.8	57
44	Label-free detection of exonuclease III by using dsDNA-templated copper nanoparticles as fluorescent probe. <i>Talanta</i> , <b>2015</b> , 131, 59-63	6.2	48
43	A novel fluorescence probing strategy for the determination of parathion-methyl. <i>Talanta</i> , <b>2015</b> , 131, 88-94	6.2	50
42	A novel and convenient near-infrared fluorescence "turn off-on" nanosensor for detection of glucose and fluoride anions. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 65, 145-51	11.8	54
41	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> , <b>2015</b> , 39, 6092-6098	3.6	20
40	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> , <b>2015</b> , 220, 433-440	8.5	20
39	A near-infrared fluorescent bioassay for thrombin using aptamer-modified CuInS <sub>2</sub> quantum dots. <i>Mikrochimica Acta</i> , <b>2015</b> , 182, 1933-1939	5.8	13
38	Highly sensitive detection of 2,4,6-trinitrophenol (TNP) based on lysozyme capped CdS quantum dots. <i>RSC Advances</i> , <b>2015</b> , 5, 51428-51434	3.7	14
37	Determination of arsenic(III) based on the fluorescence resonance energy transfer between CdTe QDs and Rhodamine 6G. <i>RSC Advances</i> , <b>2015</b> , 5, 17519-17525	3.7	29
36	A highly sensitive dual-readout assay based on gold nanoclusters for folic acid detection. <i>Mikrochimica Acta</i> , <b>2015</b> , 182, 1281-1288	5.8	25
35	A novel fluorescent nanosensor for detection of heparin and heparinase based on CuInS <sub>2</sub> quantum dots. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 54, 617-22	11.8	83



34	Near-infrared fluorescence probe for the determination of alkaline phosphatase. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 55, 249-54	11.8	70
33	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> , <b>2014</b> , 38, 700-708	3.6	35
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30	A label-free conjugated polymer-based fluorescence assay for the determination of adenosine triphosphate and alkaline phosphatase. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 4574-4579	3.6	34
29	Sensitive fluorometric detection of alkaline phosphatase using a water-soluble conjugated polymer. <i>RSC Advances</i> , <b>2014</b> , 4, 42825-42830	3.7	14
28	A fluorescence assay for the trace detection of protamine and heparin. <i>RSC Advances</i> , <b>2014</b> , 4, 25857	3.7	34
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24	Dopamine functionalized-CdTe quantum dots as fluorescence probes for l-histidine detection in biological fluids. <i>Talanta</i> , <b>2014</b> , 125, 221-6	6.2	37
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