

# Shao Min Shuang

## List of Publications by Year in descending order

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Version: 2024-02-01

256  
papers

9,841  
citations

30070  
54  
h-index

62596  
80  
g-index

257  
all docs

257  
docs citations

257  
times ranked

9125  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of multifunctional carbon dots with 54.4% orange emission for label-free detection of morin and endogenous/exogenous hypochlorite. <i>Journal of Hazardous Materials</i> , 2022, 424, 127289.	12.4	36
2	Gadolinium-doped carbon dots as a ratiometric fluorometry and colorimetry dual-mode nano-sensor based on specific chelation for morin detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 352, 130991.	7.8	28
3	Synthesis of a new environment-sensitive fluorescent probe based on TICT and application for detection of human serum albumin and specific lipid droplets imaging. <i>Analytica Chimica Acta</i> , 2022, 1190, 339267.	5.4	11
4	A bifunctional fluorescence probe for dual-channel detecting of mitochondrial viscosity and endogenous/exogenous peroxynitrite. <i>Bioorganic Chemistry</i> , 2022, 119, 105484.	4.1	14
5	Gold/Palladium-“Polypyrrole/Graphene Nanocomposites for Simultaneous Electrochemical Detection of DNA Bases. <i>ACS Applied Nano Materials</i> , 2022, 5, 1635-1643.	5.0	7
6	Multiple fluorescence quenching effects mediated fluorescent sensing of captopril Based on amino Acids-Derivative carbon nanodots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120742.	3.9	8
7	A phenazine-imidazole based ratiometric fluorescent probe for Cd <sup>2+</sup> ions and its application in <i>in vivo</i> imaging. <i>Analytical Methods</i> , 2022, 14, 1462-1470.	2.7	13
8	Three birds with one stone: a single AIEgen for dual-organelle imaging, cell viability evaluation and photodynamic cancer cell ablation. <i>Materials Chemistry Frontiers</i> , 2022, 6, 333-340.	5.9	17
9	A selective electrochemical chiral interface based on a carboxymethyl- $\beta$ -cyclodextrin/Pd@Au nanoparticles/3D reduced graphene oxide nanocomposite for tyrosine enantiomer recognition. <i>Analyst</i> , 2022, 147, 880-888.	3.5	10
10	Intelligently design primary aromatic amines derived carbon dots for optical dual-mode and smartphone imaging detection of nitrite based on specific diazo coupling. <i>Journal of Hazardous Materials</i> , 2022, 430, 128393.	12.4	38
11	Rapid sonochemical synthesis of copper nanoclusters with red fluorescence for highly sensitive detection of silver ions. <i>Microchemical Journal</i> , 2022, 178, 107370.	4.5	19
12	TICT-Based Microenvironment-Sensitive Probe with Turn-on Red Emission for Human Serum Albumin Detection and for Targeting Lipid Droplet Imaging. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 253-260.	5.2	9
13	Dendritic Mesoporous Silica Nanoparticle-Tuned High-Affinity MnO <sub>2</sub> Nanozyme for Multisignal GSH Sensing and Target Cancer Cell Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5911-5921.	6.7	17
14	Carbon-supported X-manganate (X Ni, Zn, and Cu) nanocomposites for sensitive electrochemical detection of trace heavy metal ions. <i>Journal of Hazardous Materials</i> , 2022, 435, 129036.	12.4	32
15	A facile fluorescence platform for chromium and ascorbic acid detection based on “on-off-on” strategy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 278, 121343.	3.9	7
16	Piperazine-Based Mitochondria-Immobilized pH Fluorescent Probe for Imaging Endogenous ONOO <sup>-</sup> and Real-Time Tracking of Mitophagy. <i>ACS Applied Bio Materials</i> , 2022, 5, 2777-2785.	4.6	11
17	A mitochondria-targeted and viscosity-sensitive near-infrared fluorescent probe for visualization of fatty liver, inflammation and photodynamic cancer therapy. <i>Chemical Engineering Journal</i> , 2022, 449, 137762.	12.7	24
18	Fluorescent carbon dots with real-time nucleolus-monitoring capability for gene delivery and biosensing of NO <sup>-</sup> and pH. <i>Applied Surface Science</i> , 2022, 599, 153902.	6.1	5

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19	Facilely synthesized ultrathin Ni <sub>6</sub> MnO <sub>8</sub> @C nanosheets: excellent electrochemical performance and enhanced electrocatalytic epinephrine sensing. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128863.	7.8	24
20	Fe <sup>3+</sup> and intracellular pH determination based on orange fluorescence carbon dots co-doped with boron, nitrogen and sulfur. <i>Materials Science and Engineering C</i> , 2021, 118, 111478.	7.3	36
21	The synthesis of high bright silver nanoclusters with aggregation-induced emission for detection of tetracycline. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 129009.	7.8	77
22	Ratiometric fluorescent sensors for sequential on-off-on determination of riboflavin, Ag <sup>+</sup> and l-cysteine based on NPCl-doped carbon quantum dots. <i>Analytica Chimica Acta</i> , 2021, 1144, 1-13.	5.4	44
23	Alizarin-based molecular probes for the detection of hydrogen peroxide and peroxyxynitrite. <i>Analyst</i> , The, 2021, 146, 509-514.	3.5	6
24	Visible-light-driven photoelectrochemical sensing platform based on BiOI nanoflowers/TiO <sub>2</sub> nanotubes for detection of atrazine in environmental samples. <i>Journal of Hazardous Materials</i> , 2021, 409, 124894.	12.4	35
25	Facile synthesis of orange fluorescence multifunctional carbon dots for label-free detection of vitamin B12 and endogenous/exogenous peroxyxynitrite. <i>Journal of Hazardous Materials</i> , 2021, 408, 124422.	12.4	28
26	Real-time tracking the mitochondrial membrane potential by a mitochondria-lysosomes migration fluorescent probe with NIR-emissive AIE characteristics. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128929.	7.8	28
27	Ratiometric sensing of Zn <sup>2+</sup> with a new benzothiazole-based fluorescent sensor and living cell imaging. <i>Analyst</i> , The, 2021, 146, 4348-4356.	3.5	26
28	N-Doped carbon dots for the fluorescence and colorimetry dual-mode detection of curcumin. <i>Analyst</i> , The, 2021, 146, 5357-5361.	3.5	17
29	A label-free fluorescent aptasensor based on HCR and G-quadruplex DNAzymes for the detection of prostate-specific antigen. <i>Analyst</i> , The, 2021, 146, 1340-1345.	3.5	14
30	Nitrogen, sulfur, phosphorus, and chlorine co-doped carbon nanodots as an "off-on" fluorescent probe for sequential detection of curcumin and europium ion and luxuriant applications. <i>Mikrochimica Acta</i> , 2021, 188, 16.	5.0	16
31	Dual-excitation and dual-emission carbon dots for Fe <sup>3+</sup> detection, temperature sensing, and lysosome targeting. <i>Analytical Methods</i> , 2021, 13, 4246-4255.	2.7	10
32	Real-Time Monitoring Mitochondrial Viscosity during Mitophagy Using a Mitochondria-Immobilized Near-Infrared Aggregation-Induced Emission Probe. <i>Analytical Chemistry</i> , 2021, 93, 3241-3249.	6.5	87
33	Biodegradable Fluorescent SiO <sub>2</sub> @MnO <sub>2</sub> -Based Sequence Strategy for Glutathione Sensing in a Biological System and Synergistic Theragnostics to Cancer Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2770-2783.	6.7	16
34	Carbon Nanodots as a Multifunctional Fluorescent Sensing Platform for Ratiometric Determination of Vitamin B <sub>2</sub> and "Turn-Off" Detection of pH. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2836-2844.	5.2	28
35	Copper doped carbon dots as the multi-functional fluorescent sensing platform for tetracyclines and pH. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129360.	7.8	84
36	One-step synthesis of red emission multifunctional carbon dots for label-free detection of berberine and curcumin and cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 251, 119432.	3.9	22

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37	A red emitting fluorescent probe based on TICT for selective detection and imaging of HSA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 250, 119409.	3.9	18
38	Red fluorescent carbon dots for tetracycline antibiotics and pH discrimination from aggregation-induced emission mechanism. <i>Sensors and Actuators B: Chemical</i> , 2021, 332, 129513.	7.8	79
39	A <i>Mitochondria-Specific Orange/Near-Infrared-Emissive</i> Fluorescent Probe for <i>Dual-Channel Imaging</i> of Viscosity and <i>H<sub>2</sub>O<sub>2</sub></i> in Inflammation and Tumor Models. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1303-1309.	4.9	34
40	Nitrogen-doped carbon dots for wash-free imaging of nucleolus orientation. <i>Mikrochimica Acta</i> , 2021, 188, 183.	5.0	20
41	Lipid Droplet-Specific Fluorescent Probe for <i>In Vivo</i> Visualization of Polarity in Fatty Liver, Inflammation, and Cancer Models. <i>Analytical Chemistry</i> , 2021, 93, 8019-8026.	6.5	105
42	Azithromycin detection in cells and tablets by N,S co-doped carbon quantum dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119506.	3.9	29
43	Carbon dots for ratiometric fluorescence detection of morin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 256, 119751.	3.9	22
44	Recent advances in synthesis and applications of room temperature phosphorescence carbon dots. <i>Talanta</i> , 2021, 231, 122350.	5.5	26
45	N, Cl-doped carbon dots for fluorescence and colorimetric dual-mode detection of water in tetrahydrofuran and development of a paper-based sensor. <i>Mikrochimica Acta</i> , 2021, 188, 324.	5.0	13
46	A butterfly-shaped ESIPT molecule with solid-state fluorescence for the detection of latent fingerprints and exogenous and endogenous ONOO <sup>-</sup> by caging of the phenol donor. <i>Talanta</i> , 2021, 233, 122593.	5.5	11
47	Tricolor emission carbon dots for label-free ratiometric fluorescent and colorimetric recognition of Al <sup>3+</sup> and pyrophosphate ion and cellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130375.	7.8	28
48	A fluorometric and colorimetric dual-readout nanoprobe based on Cl and N co-doped carbon quantum dots with large stokes shift for sequential detection of morin and zinc ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120028.	3.9	10
49	AIE-based fluorescent boronate probe and its application in peroxynitrite imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120044.	3.9	11
50	MnO <sub>2</sub> nanosheets anchored with polypyrrole nanoparticles as a multifunctional platform for combined photothermal/photodynamic therapy of tumors. <i>Food and Function</i> , 2021, 12, 6334-6347.	4.6	14
51	Orange emissive carbon nanodots for fluorescent and colorimetric bimodal discrimination of Cu <sup>2+</sup> and pH. <i>Analyst</i> , 2021, 146, 1907-1914.	3.5	12
52	Supramolecular-interaction-mediated aggregation of anticarcinogens on trimethyl cholic acid-functionalized Fe <sub>3</sub> O <sub>4</sub> nanoparticles and their dual-targeting treatment for liver cancer. <i>New Journal of Chemistry</i> , 2021, 45, 6880-6888.	2.8	3
53	Development of a piperazinyl-NBD-based fluorescent probe and its dual-channel detection for hydrogen sulfide. <i>Analyst</i> , 2021, 146, 2138-2143.	3.5	16
54	Lysosome targeting, Cr(VI) and IL-AA sensing, and cell imaging based on N-doped blue-fluorescence carbon dots. <i>Analytical Methods</i> , 2021, 13, 3561-3568.	2.7	4

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55	A facile synthesis of long-wavelength emission nitrogen-doped carbon dots for intracellular pH variation and hypochlorite sensing. <i>Biomaterials Science</i> , 2021, 9, 2255-2261.	5.4	18
56	Preparation of yellow-emitting carbon dots and their bifunctional detection of tetracyclines and Al <sup>3+</sup> in food and living cells. <i>Mikrochimica Acta</i> , 2021, 188, 418.	5.0	14
57	11-Mercaptoundecanoic Acid-Functionalized Carbon Dots As a Ratiometric Optical Probe for Doxorubicin Detection. <i>ACS Applied Nano Materials</i> , 2021, 4, 13734-13746.	5.0	21
58	Novel strategy of electrochemical analysis of DNA bases with enhanced performance based on copper/nickel nanosphere decorated N,S-doped reduced graphene oxide. <i>Biosensors and Bioelectronics</i> , 2020, 147, 111735.	10.1	23
59	A simple but efficient fluorescent sensor for ratiometric sensing of Cd <sup>2+</sup> and bio-imaging studies. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127216.	7.8	52
60	Rapid synthesis of multifunctional carbon nanodots as effective antioxidants, antibacterial agents, and quercetin nanoprobe. <i>Talanta</i> , 2020, 206, 120243.	5.5	38
61	New colorimetric and fluorometric chemosensor for selective Hg <sup>2+</sup> sensing in a near-perfect aqueous solution and bio-imaging. <i>Journal of Hazardous Materials</i> , 2020, 382, 121056.	12.4	64
62	The ratiometric fluorescent probe with high quantum yield for quantitative imaging of intracellular pH. <i>Talanta</i> , 2020, 208, 120279.	5.5	22
63	A novel cell-penetrating Janus nanoprobe for ratiometric fluorescence detection of pH in living cells. <i>Talanta</i> , 2020, 209, 120436.	5.5	8
64	On-off-on detection of Fe <sup>3+</sup> and F <sup>-</sup> , biological imaging, and its logic gate operation based on excitation-independent blue-fluorescent carbon dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117716.	3.9	29
65	Multi-sensing function integrated nitrogen-doped fluorescent carbon dots as the platform toward multi-mode detection and bioimaging. <i>Talanta</i> , 2020, 210, 120653.	5.5	47
66	Visual monitoring of the lysosomal pH changes during autophagy with a red-emission fluorescent probe. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1466-1471.	5.8	39
67	A benzothiazolium-based fluorescent probe with ideal p <i>K<sub>a</sub></i> for mitochondrial pH imaging and cancer cell differentiation. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10586-10592.	5.8	12
68	Facile Fabrication Route of Janus Gold-Mesoporous Silica Nanocarriers with Dual-Drug Delivery for Tumor Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1573-1581.	5.2	26
69	Boronate based sensitive fluorescent probe for the detection of endogenous peroxynitrite in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118683.	3.9	13
70	A red-emission fluorescent probe for visual monitoring of lysosomal pH changes during mitophagy and cell apoptosis. <i>Analyst</i> , 2020, 145, 7018-7024.	3.5	16
71	Gold nanoparticles decorated bimetallic CuNi-based hollow nanoarchitecture for the enhancement of electrochemical sensing performance of nitrite. <i>Mikrochimica Acta</i> , 2020, 187, 572.	5.0	14
72	Facile synthesis of ultrahigh fluorescence N,S-self-doped carbon nanodots and their multiple applications for H <sub>2</sub> S sensing, bioimaging in live cells and zebrafish, and anti-counterfeiting. <i>Nanoscale</i> , 2020, 12, 20482-20490.	5.6	24

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73	A turn-on Schiff base fluorescent probe for the exogenous and endogenous Fe <sup>3+</sup> ion sensing and bioimaging of living cells. <i>New Journal of Chemistry</i> , 2020, 44, 19642-19649.	2.8	16
74	Novel Processing for Color-Tunable Luminescence Carbon Dots and Their Advantages in Biological Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8585-8592.	6.7	49
75	A label-free multifunctional nanosensor based on N-doped carbon nanodots for vitamin B <sub>12</sub> and Co <sup>2+</sup> detection, and bioimaging in living cells and zebrafish. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5089-5095.	5.8	29
76	Design of long-wavelength emission carbon dots for hypochlorous detection and cellular imaging. <i>Talanta</i> , 2020, 219, 121170.	5.5	26
77	Hypoxia imaging in living cells, tissues and zebrafish with a nitroreductase-specific fluorescent probe. <i>Analyst</i> , The, 2020, 145, 5657-5663.	3.5	17
78	Fe <sup>3+</sup> detection, bioimaging, and patterning based on bright blue-fluorescent N-doped carbon dots. <i>Analyst</i> , The, 2020, 145, 5450-5457.	3.5	21
79	A sensitive OFF-ON fluorescent probe for the cascade sensing of Al <sup>3+</sup> and F <sup>-</sup> ions in aqueous media and living cells. <i>RSC Advances</i> , 2020, 10, 21629-21635.	3.6	18
80	Facile synthesis of ratiometric fluorescent carbon dots for pH visual sensing and cellular imaging. <i>Talanta</i> , 2020, 216, 120943.	5.5	35
81	Orange-emitting N-doped carbon dots as fluorescent and colorimetric dual-mode probes for nitrite detection and cellular imaging. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2123-2127.	5.8	59
82	Smilax China-derived yellow-fluorescent carbon dots for temperature sensing, Cu <sup>2+</sup> detection and cell imaging. <i>Analyst</i> , The, 2020, 145, 2176-2183.	3.5	14
83	An anthraquinone-imidazole-based colorimetric and fluorescent sensor for the sequential detection of Ag <sup>+</sup> and biothiols in living cells. <i>Analyst</i> , The, 2020, 145, 3029-3037.	3.5	34
84	A turn-on fluorescence probe for hydrogen sulfide in absolute aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118156.	3.9	17
85	Visible-Light-Excited Ultralong-Lifetime Room Temperature Phosphorescence Based on Nitrogen-Doped Carbon Dots for Double Anticounterfeiting. <i>Advanced Optical Materials</i> , 2020, 8, 1901557.	7.3	71
86	Tumor microenvironment responsive mesoporous silica nanoparticles for dual delivery of doxorubicin and chemodynamic therapy (CDT) agent. <i>New Journal of Chemistry</i> , 2020, 44, 2578-2586.	2.8	21
87	Highly sensitive fluorescent carbon dots probe with ratiometric emission for the determination of ClO <sup>-</sup> . <i>Analyst</i> , The, 2020, 145, 2212-2218.	3.5	22
88	A fast detection of peroxynitrite in living cells. <i>Analytica Chimica Acta</i> , 2020, 1106, 96-102.	5.4	24
89	Dual Photoluminescence Emission Carbon Dots for Ratiometric Fluorescent GSH Sensing and Cancer Cell Recognition. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18250-18257.	8.0	118
90	Silk Fibroin-Confined Star-Shaped Decahedral Silver Nanoparticles as Fluorescent Probe for Detection of Cu <sup>2+</sup> and Pyrophosphate. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2770-2777.	5.2	20

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91	Graphene quantum dots wrapped square-plate-like MnO <sub>2</sub> nanocomposite as a fluorescent turn-on sensor for glutathione. <i>Talanta</i> , 2020, 219, 121180.	5.5	38
92	Cyclodextrin Hybrid Inorganic Nanocomposites for Molecular Recognition, Selective Adsorption, and Drug Delivery. , 2020, , 425-449.		1
93	A solid oxide carbon fuel cell operating on pomelo peel char with high power output. <i>International Journal of Energy Research</i> , 2019, 43, 2514-2526.	4.5	14
94	Controllable Fabrication, Photoluminescence Mechanism, and Novel Application of Greenâ€“Yellowâ€“Orange Fluorescent Carbon-Based Nanodots. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5060-5071.	5.2	8
95	Cyclodextrin Hybrid Inorganic Nanocomposites for Molecular Recognition, Selective Adsorption, and Drug Delivery. , 2019, , 1-25.		1
96	Light-Switchable Polymer Adhesive Based on Photoinduced Reversible Solid-to-Liquid Transitions. <i>ACS Macro Letters</i> , 2019, 8, 968-972.	4.8	107
97	Sulforaphane-Conjugated Carbon Dots: A Versatile Nanosystem for Targeted Imaging and Inhibition of EGFR-Overexpressing Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4692-4699.	5.2	13
98	One-step synthesis of a dual-emitting carbon dot-based ratiometric fluorescent probe for the visual assay of Pb <sup>2+</sup> and PPI and development of a paper sensor. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5502-5509.	5.8	35
99	A colorimetric and ratiometric fluorescent probe for cyanide sensing in aqueous media and live cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4620-4629.	5.8	43
100	Carbon quantum dots doped with phosphorus and nitrogen are a viable fluorescent nanoprobe for determination and cellular imaging of vitamin B12 and cobalt(II). <i>Mikrochimica Acta</i> , 2019, 186, 506.	5.0	23
101	Concentration-dependent multicolor fluorescent carbon dots for colorimetric and fluorescent bimodal detections of Fe <sup>3+</sup> and <i>l</i> -ascorbic acid. <i>Analytical Methods</i> , 2019, 11, 669-676.	2.7	31
102	Comparative study of Cl,N-Cdots and N-Cdots and application for trinitrophenol and ClO <sup>-</sup> sensor and cell-imaging. <i>Analytica Chimica Acta</i> , 2019, 1091, 76-87.	5.4	34
103	Simultaneous electrochemical sensing of serotonin, dopamine and ascorbic acid by using a nanocomposite prepared from reduced graphene oxide, Fe <sub>3</sub> O <sub>4</sub> and hydroxypropyl- $\beta$ -cyclodextrin. <i>Mikrochimica Acta</i> , 2019, 186, 751.	5.0	48
104	Strategy for Activating Room-Temperature Phosphorescence of Carbon Dots in Aqueous Environments. <i>Chemistry of Materials</i> , 2019, 31, 7979-7986.	6.7	112
105	Label-free and highly selective electrochemical aptasensor for detection of PCBs based on nickel hexacyanoferrate nanoparticles/reduced graphene oxides hybrids. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111728.	10.1	33
106	A two-photon ratiometric fluorescent probe for highly selective sensing of mitochondrial cysteine in live cells. <i>Analyst</i> , The, 2019, 144, 439-447.	3.5	43
107	Folate targeting and bovine serum albumin-gated mesoporous silica nanoparticles as a redox-responsive carrier for epirubicin release. <i>New Journal of Chemistry</i> , 2019, 43, 2694-2701.	2.8	29
108	Dual role of BSA for synthesis of MnO <sub>2</sub> nanoparticles and their mediated fluorescent turn-on probe for glutathione determination and cancer cell recognition. <i>Analyst</i> , The, 2019, 144, 1988-1994.	3.5	43



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109	β-Cyclodextrin-Hyaluronic Acid Polymer Functionalized Magnetic Graphene Oxide Nanocomposites for Targeted Photo-Chemotherapy of Tumor Cells. <i>Polymers</i> , 2019, 11, 133.	4.5	57
110	A di-functional and label-free carbon-based chem-nanosensor for real-time monitoring of pH fluctuation and quantitative determining of Curcumin. <i>Analytica Chimica Acta</i> , 2019, 1057, 132-144.	5.4	22
111	Substituent Effect on the Properties of pH Fluorescence Probes Containing Pyridine Group. <i>ChemistrySelect</i> , 2019, 4, 5735-5739.	1.5	6
112	Construction strategy for ratiometric fluorescent probe based on Janus silica nanoparticles as a platform toward intracellular pH detection. <i>Talanta</i> , 2019, 205, 120021.	5.5	17
113	A turn-on fluorescence probe for cysteine/homocysteine based on the nucleophilic-induced rearrangement of benzothiazole thioether. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117262.	3.9	17
114	Dual sensing reporter system of assembled gold nanoparticles toward the sequential colorimetric detection of adenosine and Cr(III). <i>Talanta</i> , 2019, 204, 294-303.	5.5	12
115	Novel long-wavelength emissive lysosome-targeting ratiometric fluorescent probes for imaging in live cells. <i>Analyst</i> , The, 2019, 144, 4288-4294.	3.5	13
116	A Golgi-targeted off-on fluorescent probe for real-time monitoring of pH changes <i>in vivo</i> . <i>Chemical Communications</i> , 2019, 55, 6685-6688.	4.1	51
117	An "off-on" fluorescent nanoprobe for recognition of Cu <sup>2+</sup> and GSH based on nitrogen co-doped carbon quantum dots, and its logic gate operation. <i>Analytical Methods</i> , 2019, 11, 2650-2657.	2.7	18
118	A lysosome-targeting and polarity-specific fluorescent probe for cancer diagnosis. <i>Chemical Communications</i> , 2019, 55, 4703-4706.	4.1	76
119	One-Step Synthesis of Label-Free Ratiometric Fluorescence Carbon Dots for the Detection of Silver Ions and Glutathione and Cellular Imaging Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 16822-16829.	8.0	137
120	Design of a facile and label-free electrochemical aptasensor for detection of atrazine. <i>Talanta</i> , 2019, 201, 156-164.	5.5	31
121	Development of sensing method for mercury ions and cell imaging based on highly fluorescent gold nanoclusters. <i>Microchemical Journal</i> , 2019, 146, 1140-1149.	4.5	14
122	A label-free nano-probe for sequential and quantitative determination of Cr(VI) and ascorbic acid in real samples based on S and N dual-doped carbon dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 215, 58-68.	3.9	33
123	Recent Advances in Carbon Nanodots: Properties and Applications in Cancer Diagnosis and Treatment. <i>Journal of Analysis and Testing</i> , 2019, 3, 37-49.	5.1	20
124	A new "turn-on" and reversible fluorescent sensor for Al <sup>3+</sup> detection and live cell imaging. <i>Analytical Methods</i> , 2019, 11, 5598-5606.	2.7	30
125	Construction of CPs@MnO <sub>2</sub> -AgNPs as a multifunctional nanosensor for glutathione sensing and cancer theranostics. <i>Nanoscale</i> , 2019, 11, 18845-18853.	5.6	35
126	Dual-ligand functionalized carbon nanodots as green fluorescent nanosensors for cellular dual receptor-mediated targeted imaging. <i>Analyst</i> , The, 2019, 144, 6729-6735.	3.5	14



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127	Novel single excitation dual-emission carbon dots for colorimetric and ratiometric fluorescent dual mode detection of Cu <sup>2+</sup> and Al <sup>3+</sup> ions. RSC Advances, 2019, 9, 38568-38575.	3.6	25
128	Co <sup>2+</sup> detection, cell imaging, and temperature sensing based on excitation-independent green-fluorescent N-doped carbon dots. RSC Advances, 2019, 9, 41361-41367.	3.6	15
129	The design of hydrogen sulfide fluorescence probe based on dual nucleophilic reaction and its application for bioimaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 207, 150-155.	3.9	20
130	Excitation-independent hollow orange-fluorescent carbon nanoparticles for pH sensing in aqueous solution and living cells. Talanta, 2019, 196, 109-116.	5.5	23
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