

Shao Min Shuang

List of Publications by Citations

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245
papers

6,417
citations

44
h-index

65
g-index

257
ext. papers

8,135
ext. citations

5.7
avg, IF

6.4
L-index

#	Paper	IF	Citations
245	Facile synthesis of nitrogen-doped carbon dots for Fe(3+) sensing and cellular imaging. <i>Analytica Chimica Acta</i> , 2015 , 861, 74-84	6.6	225
244	Phosphorus and Nitrogen Dual-Doped Hollow Carbon Dot as a Nanocarrier for Doxorubicin Delivery and Biological Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 11288-97	9.5	190
243	Comparative study for N and S doped carbon dots: Synthesis, characterization and applications for Fe(3+) probe and cellular imaging. <i>Analytica Chimica Acta</i> , 2015 , 898, 116-27	6.6	161
242	Highly Selective Two-Photon Fluorescent Probe for Ratiometric Sensing and Imaging Cysteine in Mitochondria. <i>Analytical Chemistry</i> , 2016 , 88, 1908-14	7.8	157
241	An "on-off-on" fluorescent nanoprobe for recognition of chromium(VI) and ascorbic acid based on phosphorus/nitrogen dual-doped carbon quantum dot. <i>Analytica Chimica Acta</i> , 2017 , 968, 85-96	6.6	155
240	Low temperature synthesis of phosphorous and nitrogen co-doped yellow fluorescent carbon dots for sensing and bioimaging. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6813-6819	7.3	118
239	Electrochemical Sensor for Ultrasensitive Determination of Doxorubicin and Methotrexate Based on Cyclodextrin-Graphene Hybrid Nanosheets. <i>Electroanalysis</i> , 2011 , 23, 2400-2407	3	93
238	Ratiometric emission fluorescent pH probe for imaging of living cells in extreme acidity. <i>Analytical Chemistry</i> , 2015 , 87, 2788-93	7.8	89
237	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 & Interfaces</i> , 2019 , 11, 16822-16829	9.5	85
236	βCyclodextrin/Fe ₃ O ₄ hybrid magnetic nano-composite modified glassy carbon electrode for tryptophan sensing. <i>Sensors and Actuators B: Chemical</i> , 2012 , 163, 171-178	8.5	83
235	Red-green-blue fluorescent hollow carbon nanoparticles isolated from chromatographic fractions for cellular imaging. <i>Nanoscale</i> , 2014 , 6, 8162-70	7.7	82
234	Controllable synthesis of green and blue fluorescent carbon nanodots for pH and Cu(2+) sensing in living cells. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 598-602	11.8	79
233	Naked oats-derived dual-emission carbon nanodots for ratiometric sensing and cellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 533-541	8.5	79
232	Bright Yellow Fluorescent Carbon Dots as a Multifunctional Sensing Platform for the Label-Free Detection of Fluoroquinolones and Histidine. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42915-42924	9.5	76
231	An exonuclease I-based label-free fluorometric aptasensor for adenosine triphosphate (ATP) detection with a wide concentration range. <i>Biosensors and Bioelectronics</i> , 2015 , 63, 311-316	11.8	74
230	A novel far-visible and near-infrared pH probe for monitoring near-neutral physiological pH changes: imaging in live cells. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 4281-4288	7.3	74
229	Application of HPLC and MALDI-TOF MS for studying as-synthesized ligand-protected gold nanoclusters products. <i>Analytical Chemistry</i> , 2009 , 81, 1676-85	7.8	74

228	Carbon nano-dots as a fluorescent and colorimetric dual-readout probe for the detection of arginine and Cu and its logic gate operation. <i>Nanoscale</i> , 2017 , 9, 11545-11552	7.7	72
227	Facile Synthesis of N-Doped Carbon Dots as a New Matrix for Detection of Hydroxy-Polycyclic Aromatic Hydrocarbons by Negative-Ion Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 12976-84	9.5	72
226	Folic acid-conjugated green luminescent carbon dots as a nanoprobe for identifying folate receptor-positive cancer cells. <i>Talanta</i> , 2018 , 183, 39-47	6.2	71
225	Facile and eco-friendly synthesis of green fluorescent carbon nanodots for applications in bioimaging, patterning and staining. <i>Nanoscale</i> , 2015 , 7, 7394-401	7.7	70
224	Facile synthesis of orange fluorescence carbon dots with excitation independent emission for pH sensing and cellular imaging. <i>Analytica Chimica Acta</i> , 2018 , 1042, 125-132	6.6	70
223	Folic acid-conjugated carbon dots as green fluorescent probes based on cellular targeting imaging for recognizing cancer cells. <i>RSC Advances</i> , 2017 , 7, 42159-42167	3.7	69
222	N,S,P Co-Doped Carbon Nanodot Fabricated from Waste Microorganism and Its Application for Label-Free Recognition of Manganese(VII) and L-Ascorbic Acid and AND Logic Gate Operation. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 38761-38772	9.5	68
221	Light-Switchable Polymer Adhesive Based on Photoinduced Reversible Solid-to-Liquid Transitions. <i>ACS Macro Letters</i> , 2019 , 8, 968-972	6.6	65
220	Strategy for Activating Room-Temperature Phosphorescence of Carbon Dots in Aqueous Environments. <i>Chemistry of Materials</i> , 2019 , 31, 7979-7986	9.6	61
219	Green synthesis of carbon nanodots from cotton for multicolor imaging, patterning, and sensing. <i>Sensors and Actuators B: Chemical</i> , 2015 , 221, 769-776	8.5	61
218	Nitrogen and phosphorus dual-doped carbon dots as a label-free sensor for Curcumin determination in real sample and cellular imaging. <i>Talanta</i> , 2018 , 183, 61-69	6.2	58
217	Bovine serum albumin-confined silver nanoclusters as fluorometric probe for detection of biothiols. <i>Luminescence</i> , 2014 , 29, 722-7	2.5	57
216	Lysozyme-stabilized gold nanoclusters as a novel fluorescence probe for cyanide recognition. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 121, 77-80	4.4	57
215	Green and facile synthesis of nitrogen-doped carbon nanodots for multicolor cellular imaging and Co ²⁺ sensing in living cells. <i>Sensors and Actuators B: Chemical</i> , 2016 , 235, 179-187	8.5	56
214	High-quality water-soluble luminescent carbon dots for multicolor patterning, sensors, and bioimaging. <i>RSC Advances</i> , 2015 , 5, 16972-16979	3.7	55
213	Detection of Ag(+) using graphite carbon nitride nanosheets based on fluorescence quenching. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 169, 122-7	4.4	51
212	Excitation-independent yellow-fluorescent nitrogen-doped carbon nanodots for biological imaging and paper-based sensing. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 234-241	8.5	50
211	3D graphene/hydroxypropyl-β-cyclodextrin nanocomposite as an electrochemical chiral sensor for the recognition of tryptophan enantiomers. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12822-12829	7.1	50

210	Dual Photoluminescence Emission Carbon Dots for Ratiometric Fluorescent GSH Sensing and Cancer Cell Recognition. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 18250-18257	9.5	49
209	Carbon dots with red emission as a fluorescent and colorimetric dual-readout probe for the detection of chromium(vi) and cysteine and its logic gate operation. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 6099-6107	7.3	49
208	Single fluorescein-based probe for selective colorimetric and fluorometric dual sensing of Al ³⁺ and Cu ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2017 , 247, 451-460	8.5	48
207	Highly luminescent N-doped carbon dots from black soya beans for free radical scavenging, Fe sensing and cellular imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 211, 363-372	4.4	48
206	Nitrogen-doped carbon dots as fluorescent probe for detection of curcumin based on the inner filter effect. <i>RSC Advances</i> , 2015 , 5, 95054-95060	3.7	47
205	Colorimetric sensor for cysteine in human urine based on novel gold nanoparticles. <i>Talanta</i> , 2016 , 161, 520-527	6.2	47
204	A simple Schiff base fluorescence probe for highly sensitive and selective detection of Hg(2+) and Cu(2+). <i>Talanta</i> , 2016 , 154, 278-83	6.2	46
203	Matrix-Free and Highly Efficient Room-Temperature Phosphorescence of Nitrogen-Doped Carbon Dots. <i>Langmuir</i> , 2018 , 34, 12845-12852	4	45
202	Synthesis and Characterization of n-Alkylamine-Stabilized Palladium Nanoparticles for Electrochemical Oxidation of Methane. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 723-733	3.8	44
201	S-Nitrosothiols: chemistry and reactions. <i>Chemical Communications</i> , 2017 , 53, 11266-11277	5.8	43
200	Facile, rapid synthesis of N,P-dual-doped carbon dots as a label-free multifunctional nanosensor for Mn(VII) detection, temperature sensing and cellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2018 , 277, 492-501	8.5	43
199	Rational synthesis of graphene/metal coordination polymer composite nanosheet as enhanced materials for electrochemical biosensing. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13166		42
198	New colorimetric and fluorometric chemosensor for selective Hg sensing in a near-perfect aqueous solution and bio-imaging. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121056	12.8	41
197	A lysosome-targeting and polarity-specific fluorescent probe for cancer diagnosis. <i>Chemical Communications</i> , 2019 , 55, 4703-4706	5.8	40
196	Eco-friendly synthesis of nitrogen-doped carbon nanodots from wool for multicolor cell imaging, patterning, and biosensing. <i>Sensors and Actuators B: Chemical</i> , 2016 , 235, 316-324	8.5	40
195	An anthraquinone-based highly selective colorimetric and fluorometric sensor for sequential detection of Cu and S with intracellular application. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8957-8966	7.3	37
194	A two-photon ratiometric fluorescent probe for effective monitoring of lysosomal pH in live cells and cancer tissues. <i>Sensors and Actuators B: Chemical</i> , 2018 , 262, 913-921	8.5	37
193	Mn-doped ZnS quantum dots with a 3-mercaptopropionic acid assembly as a ratiometric fluorescence probe for the determination of curcumin. <i>RSC Advances</i> , 2015 , 5, 21504-21510	3.7	36

192	Label-free aptasensor for thrombin using a glassy carbon electrode modified with a graphene-porphyrin composite. <i>Mikrochimica Acta</i> , 2014 , 181, 189-196	5.8	36
191	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	8.1	35
190	Carbon-based dots co-doped with nitrogen and sulfur for Cr(VI) sensing and bioimaging. <i>RSC Advances</i> , 2016 , 6, 28477-28483	3.7	35
189	Highly sensitive photoelectrochemical sensing of bisphenol A based on zinc phthalocyanine/TiO ₂ nanorod arrays. <i>Talanta</i> , 2018 , 189, 16-23	6.2	35
188	A Golgi-targeted off-on fluorescent probe for real-time monitoring of pH changes in vivo. <i>Chemical Communications</i> , 2019 , 55, 6685-6688	5.8	34
187	Bright far-red/near-infrared gold nanoclusters for highly selective and ultra-sensitive detection of Hg ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2017 , 238, 683-692	8.5	34
186	Gold nanoclusters as fluorescent sensors for selective and sensitive hydrogen sulfide detection. <i>Talanta</i> , 2017 , 171, 143-151	6.2	33
185	Doped zinc sulfide quantum dots based phosphorescence turn-off/on probe for detecting histidine in biological fluid. <i>Analytica Chimica Acta</i> , 2015 , 856, 82-9	6.6	33
184	Multi-sensing function integrated nitrogen-doped fluorescent carbon dots as the platform toward multi-mode detection and bioimaging. <i>Talanta</i> , 2020 , 210, 120653	6.2	33
183	High-performance liquid chromatographic analysis of as-synthesised N,N'-dimethylformamide-stabilised gold nanoclusters product. <i>Nanoscale</i> , 2012 , 4, 5325-32	7.7	32
182	Bright-green-emissive nitrogen-doped carbon dots as a nanoprobe for bifunctional sensing, its logic gate operation and cellular imaging. <i>Talanta</i> , 2018 , 179, 554-562	6.2	32
181	A two-photon ratiometric fluorescent probe for highly selective sensing of mitochondrial cysteine in live cells. <i>Analyst, The</i> , 2019 , 144, 439-447	5	31
180	Dual role of BSA for synthesis of MnO nanoparticles and their mediated fluorescent turn-on probe for glutathione determination and cancer cell recognition. <i>Analyst, The</i> , 2019 , 144, 1988-1994	5	31
179	β-Cyclodextrin grafted polypyrrole magnetic nanocomposites toward the targeted delivery and controlled release of doxorubicin. <i>Applied Surface Science</i> , 2018 , 427, 1189-1198	6.7	31
178	Highly selective and sensitive nanoprobe for Hg(II) ions based on photoluminescent gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2016 , 235, 386-393	8.5	31
177	β-Cyclodextrin/Hyaluronic Acid Polymer Functionalized Magnetic Graphene Oxide Nanocomposites for Targeted Photo-Chemotherapy of Tumor Cells. <i>Polymers</i> , 2019 , 11,	4.5	30
176	β-Cyclodextrin modified graphene oxide/magnetic nanocomposite for targeted delivery and pH-sensitive release of stereoisomeric anti-cancer drugs. <i>RSC Advances</i> , 2015 , 5, 89299-89308	3.7	30
175	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	7.3	30

174	High-performance liquid chromatographic and mass spectrometric analysis of fluorescent carbon nanodots. <i>Talanta</i> , 2014 , 129, 529-38	6.2	30
173	A turn-on reactive fluorescent probe for Hg in 100% aqueous solution. <i>Talanta</i> , 2019 , 197, 218-224	6.2	30
172	Aggregation/assembly induced emission based on silk fibroin-templated fluorescent copper nanoclusters for turn-on detection of S ²⁻ . <i>Sensors and Actuators B: Chemical</i> , 2019 , 279, 361-368	8.5	29
171	Targeted delivery and pH-responsive release of stereoisomeric anti-cancer drugs using β -cyclodextrin assembled Fe ₃ O ₄ nanoparticles. <i>Applied Surface Science</i> , 2015 , 357, 2077-2086	6.7	28
170	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	8.5	28
169	Effective adsorption of phenolic pollutants from water using β -cyclodextrin polymer functionalized Fe ₃ O ₄ magnetic nanoparticles. <i>RSC Advances</i> , 2016 , 6, 80955-80963	3.7	28
168	A novel ratiometric fluorescence probe based on BSA assembled silver nanoclusters for mercuric ion selective sensing. <i>Analytical Methods</i> , 2013 , 5, 5522	3.2	27
167	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	8.5	27
166	A simple but efficient fluorescent sensor for ratiometric sensing of Cd ²⁺ and bio-imaging studies. <i>Sensors and Actuators B: Chemical</i> , 2020 , 303, 127216	8.5	27
165	Fluorescent probe for detection of Cu ²⁺ using core-shell CdTe/ZnS quantum dots. <i>Luminescence</i> , 2015 , 30, 1064-70	2.5	26
164	Electrocatalytic oxidation of formaldehyde and methanol on Ni(OH) ₂ /Ni electrode. <i>Russian Journal of Electrochemistry</i> , 2013 , 49, 888-894	1.2	26
163	Lipid Droplet-Specific Fluorescent Probe for Visualization of Polarity in Fatty Liver, Inflammation, and Cancer Models. <i>Analytical Chemistry</i> , 2021 , 93, 8019-8026	7.8	26
162	Synthesis of neutral red covalently functionalized graphene nanocomposite and the electrocatalytic properties toward uric acid. <i>Journal of Materials Chemistry</i> , 2012 , 22, 602-608		25
161	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	7.8	25
160	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	4.4	24
159	A lysozyme-stabilized silver nanocluster fluorescent probe for the detection of sulfide ions. <i>Analytical Methods</i> , 2016 , 8, 4328-4333	3.2	24
158	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	8.5	24
157	Simultaneous electrochemical sensing of serotonin, dopamine and ascorbic acid by using a nanocomposite prepared from reduced graphene oxide, FeO and hydroxypropyl- β -cyclodextrin. <i>Mikrochimica Acta</i> , 2019 , 186, 751	5.8	23

156	A selectively fluorescein-based colorimetric probe for detecting copper(II) ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 122, 731-6	4.4	23
155	TiO ₂ /graphene hybrid nanostructures by atomic layer deposition with enhanced electrochemical performance for Pb(II) and Cd(II) detection. <i>RSC Advances</i> , 2015 , 5, 4343-4349	3.7	23
154	A highly efficient chiral sensing platform for tryptophan isomers based on a coordination self-assembly. <i>Talanta</i> , 2019 , 195, 306-312	6.2	23
153	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	11.8	22
152	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	7.3	22
151	Concentration-dependent multicolor fluorescent carbon dots for colorimetric and fluorescent bimodal detections of Fe ³⁺ and L-ascorbic acid. <i>Analytical Methods</i> , 2019 , 11, 669-676	3.2	22
150	A selectively rhodamine-based colorimetric probe for detecting copper(II) ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 132, 191-7	4.4	22
149	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	8.3	21
148	Facile one-pot synthesis of Au(0)@Au(I)/NAC core/shell nanoclusters with orange-yellow luminescence for cancer cell imaging. <i>RSC Advances</i> , 2016 , 6, 8612-8619	3.7	21
147	A reversible fluorescent pH-sensing system based on the one-pot synthesis of natural silk fibroin-capped copper nanoclusters. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3540-3545	7.1	21
146	Fluorescence enhancement detection of uric acid based on water-soluble 3-mercaptopropionic acid-capped core/shell ZnS:Cu/ZnS. <i>RSC Advances</i> , 2014 , 4, 25183-25188	3.7	21
145	A selective carbazole-based fluorescent probe for chromium(III). <i>Analytical Methods</i> , 2013 , 5, 5549	3.2	21
144	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	7.3	21
143	Facile, rapid one-pot synthesis of multifunctional gold nanoclusters for cell imaging, hydrogen sulfide detection and pH sensing. <i>Talanta</i> , 2019 , 197, 1-11	6.2	21
142	Rapid synthesis of multifunctional carbon nanodots as effective antioxidants, antibacterial agents, and quercetin nanoprobcs. <i>Talanta</i> , 2020 , 206, 120243	6.2	21
141	A naphthalene-based fluorescent probe with a large Stokes shift for mitochondrial pH imaging. <i>Analyst, The</i> , 2018 , 143, 5054-5060	5	21
140	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	6.6	20
139	A colorimetric probe for the detection of aluminum ions based on 11-mercaptoundecanoic acid functionalized gold nanoparticles. <i>Analytical Methods</i> , 2016 , 8, 7232-7236	3.2	20

138	Ratiometric spiropyran-based fluorescent pH probe. <i>RSC Advances</i> , 2013 , 3, 15762	3.7	20
137	Immobilization of platinum nanoparticles and glucose oxidase on eggshell membrane for glucose detection. <i>Analytical Methods</i> , 2013 , 5, 5154	3.2	20
136	Quantitative analysis of nitro-polycyclic aromatic hydrocarbons in PM2.5 samples with graphene as a matrix by MALDI-TOF MS. <i>Analytical Methods</i> , 2015 , 7, 3967-3971	3.2	19
135	Facile synthesis of ratiometric fluorescent carbon dots for pH visual sensing and cellular imaging. <i>Talanta</i> , 2020 , 216, 120943	6.2	19
134	Construction of CPs@MnO-AgNPs as a multifunctional nanosensor for glutathione sensing and cancer theranostics. <i>Nanoscale</i> , 2019 , 11, 18845-18853	7.7	19
133	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	3.6	18
132	A label-free multifunctional nanosensor based on N-doped carbon nanodots for vitamin B and Co detection, and bioimaging in living cells and zebrafish. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 5089-5095	7.3	18
131	A novel pH fluorescent probe based on indocyanine for imaging of living cells. <i>Dyes and Pigments</i> , 2016 , 126, 224-231	4.6	18
130	Comparative study of Cl,N-Cdots and N-Cdots and application for trinitrophenol and ClO sensor and cell-imaging. <i>Analytica Chimica Acta</i> , 2019 , 1091, 76-87	6.6	18
129	β Cyclodextrin derivatives hybrid Fe ₃ O ₄ magnetic nanoparticles as the drug delivery for ketoprofen. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 80, 209-215	1.7	18
128	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	5.5	18
127	A new turn-on and reversible fluorescent sensor for Al ³⁺ detection and live cell imaging. <i>Analytical Methods</i> , 2019 , 11, 5598-5606	3.2	18
126	Green-fluorescent nitrogen-doped carbon nanodots for biological imaging and paper-based sensing. <i>Analytical Methods</i> , 2017 , 9, 2197-2204	3.2	17
125	One-step synthesis of a dual-emitting carbon dot-based ratiometric fluorescent probe for the visual assay of Pb and PPi and development of a paper sensor. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5502-5509	7.3	17
124	Electrochemical Behavior of Hydrogen Peroxide at a Glassy Carbon Electrode Modified with Nickel Hydroxide Decorated Multiwalled Carbon Nanotubes. <i>Analytical Letters</i> , 2008 , 41, 3147-3160	2.2	17
123	Silencing of karyopherin β inhibits cell growth and survival in human hepatocellular carcinoma. <i>Oncotarget</i> , 2017 , 8, 36289-36304	3.3	17
122	Excitation-independent hollow orange-fluorescent carbon nanoparticles for pH sensing in aqueous solution and living cells. <i>Talanta</i> , 2019 , 196, 109-116	6.2	17
121	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	4.4	16

120	Design of a facile and label-free electrochemical aptasensor for detection of atrazine. <i>Talanta</i> , 2019 , 201, 156-164	6.2	16
119	Carbon quantum dots doped with phosphorus and nitrogen are a viable fluorescent nanoprobe for determination and cellular imaging of vitamin B and cobalt(II). <i>Mikrochimica Acta</i> , 2019 , 186, 506	5.8	16
118	Synthesis of a Palladium-Graphene Material and Its Application for Formaldehyde Determination. <i>Analytical Letters</i> , 2013 , 46, 1454-1465	2.2	16
117	Design of long-wavelength emission carbon dots for hypochlorous detection and cellular imaging. <i>Talanta</i> , 2020 , 219, 121170	6.2	15
116	Highly sensitive fluorescent carbon dots probe with ratiometric emission for the determination of ClO ⁻ . <i>Analyst</i> , 2020 , 145, 2212-2218	5	15
115	Graphene quantum dots wrapped square-plate-like MnO ₂ nanocomposite as a fluorescent turn-on sensor for glutathione. <i>Talanta</i> , 2020 , 219, 121180	6.2	15
114	"On-off-on" detection of Fe and F, 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	4.4	15
113	A highly selective ratiometric fluorescent probe for biothiol and imaging in live cells. <i>RSC Advances</i> , 2016 , 6, 43028-43033	3.7	15
112	Recent Advances in Carbon Nanodots: Properties and Applications in Cancer Diagnosis and Treatment. <i>Journal of Analysis and Testing</i> , 2019 , 3, 37-49	3.2	15
111	Rapid one-pot synthesis of MMTA protected fluorescent gold nanoclusters for selective and sensitive detection of ferric ion. <i>Talanta</i> , 2017 , 174, 44-51	6.2	14
110	β-Cyclodextrin and Its Derivatives Functionalized Magnetic Nanoparticles for Targeting Delivery of Curcumin and Cell Imaging. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 599-608	4.9	14
109	UHPLC combined with mass spectrometric study of as-synthesized carbon dots samples. <i>Talanta</i> , 2016 , 146, 340-50	6.2	14
108	Facile synthesis of ultrahigh fluorescence N,S-self-doped carbon nanodots and their multiple applications for HS sensing, bioimaging in live cells and zebrafish, and anti-counterfeiting. <i>Nanoscale</i> , 2020 , 12, 20482-20490	7.7	14
107	Ratiometric fluorescent sensors for sequential on-off-on determination of riboflavin, Ag and l-cysteine based on NPCl-doped carbon quantum dots. <i>Analytica Chimica Acta</i> , 2021 , 1144, 1-13	6.6	14
106	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	3.6	13
105	Spectroscopic studies on the inclusion interaction of p-sulfonatocalix[6]arene with vitamin B6. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012 , 72, 389-395		13
104	Novel strategy of electrochemical analysis of DNA bases with enhanced performance based on copper-nickel nanosphere decorated N,B-doped reduced graphene oxide. <i>Biosensors and Bioelectronics</i> , 2020 , 147, 111735	11.8	13
103	Development of sensing method for mercury ions and cell imaging based on highly fluorescent gold nanoclusters. <i>Microchemical Journal</i> , 2019 , 146, 1140-1149	4.8	12

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