

# Shao Min Shuang

## 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.

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	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> , <b>2022</b> , 6, 333-340	7.8	4
244	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> , <b>2022</b> , 430, 128393	12.8	3
243	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> , <b>2022</b> , 1190, 339267	6.6	1
242	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> , <b>2022</b> , 424, 127289	12.8	2
241	Rapid sonochemical synthesis of copper nanoclusters with red fluorescence for highly sensitive detection of silver ions. <i>Microchemical Journal</i> , <b>2022</b> , 178, 107370	4.8	0
240	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> , <b>2022</b> , 10, 5911-5921	8.3	1
239	Carbon-supported X-manganate (XNi, Zn, and Cu) nanocomposites for sensitive electrochemical detection of trace heavy metal ions.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 435, 129036	12.8	0
238	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> , <b>2022</b> , 278, 121343	4.4	0
237	A bifunctional fluorescence probe for dual-channel detecting of mitochondrial viscosity and endogenous/exogenous peroxyxynitrite. <i>Bioorganic Chemistry</i> , <b>2021</b> , 105484	5.1	4
236	Preparation of yellow-emitting carbon dots and their bifunctional detection of tetracyclines and Al in food and living cells. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 418	5.8	4
235	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> , <b>2021</b> , 269, 120742	4.4	1
234	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> , <b>2021</b> , 130991	8.5	4
233	Copper doped carbon dots as the multi-functional fluorescent sensing platform for tetracyclines and pH. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 330, 129360	8.5	27
232	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> , <b>2021</b> , 251, 119432	4.4	7
231	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> , <b>2021</b> , 250, 119409	4.4	7
230	Red fluorescent carbon dots for tetracycline antibiotics and pH discrimination from aggregation-induced emission mechanism. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 332, 129513	8.5	28
229	A Mitochondria-Specific Orange/Near-Infrared-Emissive Fluorescent Probe for Dual-Imaging of Viscosity and H <sub>2</sub> O <sub>2</sub> in Inflammation and Tumor Models. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 1303-1309	4.9	8

228	Nitrogen-doped carbon dots for wash-free imaging of nucleolus orientation. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 183	5.8	5
227	Lipid Droplet-Specific Fluorescent Probe for Visualization of Polarity in Fatty Liver, Inflammation, and Cancer Models. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 8019-8026	7.8	26
226	Azithromycin detection in cells and tablets by N,S co-doped carbon quantum dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 252, 119506	4.4	8
225	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> , <b>2021</b> , 326, 128863	8.5	11
224	Fe and intracellular pH determination based on orange fluorescence carbon dots co-doped with boron, nitrogen and sulfur. <i>Materials Science and Engineering C</i> , <b>2021</b> , 118, 111478	8.3	12
223	The synthesis of high bright silver nanoclusters with aggregation-induced emission for detection of tetracycline. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 326, 129009	8.5	24
222	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> , <b>2021</b> , 1144, 1-13	6.6	14
221	Alizarin-based molecular probes for the detection of hydrogen peroxide and peroxyxynitrite. <i>Analyst, The</i> , <b>2021</b> , 146, 509-514	5	3
220	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> , <b>2021</b> , 409, 124894	12.8	12
219	Facile synthesis of orange fluorescence multifunctional carbon dots for label-free detection of vitamin B and endogenous/exogenous peroxyxynitrite. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 408, 124422	12.8	9
218	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> , <b>2021</b> , 327, 128929	8.5	10
217	Ratiometric sensing of Zn with a new benzothiazole-based fluorescent sensor and living cell imaging. <i>Analyst, The</i> , <b>2021</b> , 146, 4348-4356	5	11
216	N-Doped carbon dots for the fluorescence and colorimetry dual-mode detection of curcumin. <i>Analyst, The</i> , <b>2021</b> , 146, 5357-5361	5	1
215	A label-free fluorescent aptasensor based on HCR and G-quadruplex DNAzymes for the detection of prostate-specific antigen. <i>Analyst, The</i> , <b>2021</b> , 146, 1340-1345	5	5
214	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> , <b>2021</b> , 188, 16	5.8	11
213	Dual-excitation and dual-emission carbon dots for Fe detection, temperature sensing, and lysosome targeting. <i>Analytical Methods</i> , <b>2021</b> , 13, 4246-4255	3.2	4
212	Real-Time Monitoring Mitochondrial Viscosity during Mitophagy Using a Mitochondria-Immobilized Near-Infrared Aggregation-Induced Emission Probe. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 3241-3249	7.8	25
211	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> , <b>2021</b> , 9, 2770-2783	8.3	5

210	Carbon Nanodots as a Multifunctional Fluorescent Sensing Platform for Ratiometric Determination of Vitamin B and "Turn-Off" Detection of pH. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 2836-2844	5.7	11
209	Carbon dots for ratiometric fluorescence detection of morin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 256, 119751	4.4	4
208	Recent advances in synthesis and applications of room temperature phosphorescence carbon dots. <i>Talanta</i> , <b>2021</b> , 231, 122350	6.2	9
207	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> , <b>2021</b> , 188, 324	5.8	2
206	A butterfly-shaped ESIPT molecule with solid-state fluorescence for the detection of latent fingerprints and exogenous and endogenous ONOO by caging of the phenol donor. <i>Talanta</i> , <b>2021</b> , 233, 122593	6.2	4
205	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> , <b>2021</b> , 345, 130375	8.5	5
204	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> , <b>2021</b> , 261, 120028	4.4	1
203	AIE-based fluorescent boronate probe and its application in peroxy nitrite imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 261, 120044	4.4	4
202	MnO nanosheets anchored with polypyrrole nanoparticles as a multifunctional platform for combined photothermal/photodynamic therapy of tumors. <i>Food and Function</i> , <b>2021</b> , 12, 6334-6347	6.1	3
201	Orange emissive carbon nanodots for fluorescent and colorimetric bimodal discrimination of Cu and pH. <i>Analyst, The</i> , <b>2021</b> , 146, 1907-1914	5	7
200	Supramolecular-interaction-mediated aggregation of anticarcinogens on triformyl 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> , <b>2021</b> , 45, 6880-6888	3.6	2
199	Development of a piperazinyl-NBD-based fluorescent probe and its dual-channel detection for hydrogen sulfide. <i>Analyst, The</i> , <b>2021</b> , 146, 2138-2143	5	4
198	Lysosome targeting, Cr(vi) and l-AA sensing, and cell imaging based on N-doped blue-fluorescence carbon dots. <i>Analytical Methods</i> , <b>2021</b> , 13, 3561-3568	3.2	1
197	A facile synthesis of long-wavelength emission nitrogen-doped carbon dots for intracellular pH variation and hypochlorite sensing. <i>Biomaterials Science</i> , <b>2021</b> , 9, 2255-2261	7.4	7
196	11-Mercaptoundecanoic Acid-Functionalized Carbon Dots As a Ratiometric Optical Probe for Doxorubicin Detection. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 13734-13746	5.6	4
195	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> , <b>2020</b> , 44, 19642-19649	3.6	6
194	Novel Processing for Color-Tunable Luminescence Carbon Dots and Their Advantages in Biological Systems. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 8585-8592	8.3	21
193	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> , <b>2020</b> , 8, 5089-5095	7.3	18

192	Design of long-wavelength emission carbon dots for hypochlorous detection and cellular imaging. <i>Talanta</i> , <b>2020</b> , 219, 121170	6.2	15
191	Hypoxia imaging in living cells, tissues and zebrafish with a nitroreductase-specific fluorescent probe. <i>Analyst, The</i> , <b>2020</b> , 145, 5657-5663	5	7
190	Fe detection, bioimaging, and patterning based on bright blue-fluorescent N-doped carbon dots. <i>Analyst, The</i> , <b>2020</b> , 145, 5450-5457	5	10
189	A sensitive OFF-ON-OFF fluorescent probe for the cascade sensing of Al and F ions in aqueous media and living cells.. <i>RSC Advances</i> , <b>2020</b> , 10, 21629-21635	3.7	10
188	Facile synthesis of ratiometric fluorescent carbon dots for pH visual sensing and cellular imaging. <i>Talanta</i> , <b>2020</b> , 216, 120943	6.2	19
187	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> , <b>2020</b> , 8, 2123-2127	7.3	30
186	Smilax China-derived yellow-fluorescent carbon dots for temperature sensing, Cu detection and cell imaging. <i>Analyst, The</i> , <b>2020</b> , 145, 2176-2183	5	9
185	An anthraquinone-imidazole-based colorimetric and fluorescent sensor for the sequential detection of Ag and biothiols in living cells. <i>Analyst, The</i> , <b>2020</b> , 145, 3029-3037	5	7
184	A turn-on fluorescence probe for hydrogen sulfide in absolute aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 233, 118156	4.4	6
183	Visible-Light-Excited Ultralong-Lifetime Room Temperature Phosphorescence Based on Nitrogen-Doped Carbon Dots for Double Anticounterfeiting. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1901557	8.1	35
182	Tumor microenvironment responsive mesoporous silica nanoparticles for dual delivery of doxorubicin and chemodynamic therapy (CDT) agent. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 2578-2586	3.6	13
181	Highly sensitive fluorescent carbon dots probe with ratiometric emission for the determination of ClO <sup>-</sup> . <i>Analyst, The</i> , <b>2020</b> , 145, 2212-2218	5	15
180	A fast detection of peroxyxynitrite in living cells. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1106, 96-102	6.6	9
179	Dual Photoluminescence Emission Carbon Dots for Ratiometric Fluorescent GSH Sensing and Cancer Cell Recognition. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 18250-18257	9.5	49
178	Cyclodextrin Hybrid Inorganic Nanocomposites for Molecular Recognition, Selective Adsorption, and Drug Delivery <b>2020</b> , 425-449		
177	Graphene quantum dots wrapped square-plate-like MnO nanocomposite as a fluorescent turn-on sensor for glutathione. <i>Talanta</i> , <b>2020</b> , 219, 121180	6.2	15
176	A novel cell-penetrating Janus nanoprobe for ratiometric fluorescence detection of pH in living cells. <i>Talanta</i> , <b>2020</b> , 209, 120436	6.2	3
175	"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> , <b>2020</b> , 227, 117716	4.4	15

174	Multi-sensing function integrated nitrogen-doped fluorescent carbon dots as the platform toward multi-mode detection and bioimaging. <i>Talanta</i> , <b>2020</b> , 210, 120653	6.2	33
173	Visual monitoring of the lysosomal pH changes during autophagy with a red-emission fluorescent probe. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 1466-1471	7.3	21
172	A benzothiazolium-based fluorescent probe with ideal pK for mitochondrial pH imaging and cancer cell differentiation. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 10586-10592	7.3	3
171	Facile Fabrication Route of Janus Gold-Mesoporous Silica Nanocarriers with Dual-Drug Delivery for Tumor Therapy. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 1573-1581	5.5	18
170	Boronate based sensitive fluorescent probe for the detection of endogenous peroxynitrite in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 243, 118683	4.4	5
169	A red-emission fluorescent probe for visual monitoring of lysosomal pH changes during mitophagy and cell apoptosis. <i>Analyst, The</i> , <b>2020</b> , 145, 7018-7024	5	8
168	Gold nanoparticles decorated bimetallic CuNi-based hollow nanoarchitecture for the enhancement of electrochemical sensing performance of nitrite. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 572	5.8	6
167	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> , <b>2020</b> , 12, 20482-20490	7.7	14
166	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> , <b>2020</b> , 147, 111735	11.8	13
165	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> , <b>2020</b> , 303, 127216	8.5	27
164	Rapid synthesis of multifunctional carbon nanodots as effective antioxidants, antibacterial agents, and quercetin nanoprobcs. <i>Talanta</i> , <b>2020</b> , 206, 120243	6.2	21
163	New colorimetric and fluorometric chemosensor for selective Hg sensing in a near-perfect aqueous solution and bio-imaging. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 382, 121056	12.8	41
162	The ratiometric fluorescent probe with high quantum yield for quantitative imaging of intracellular pH. <i>Talanta</i> , <b>2020</b> , 208, 120279	6.2	11
161	Silk Fibroin-Confined Star-Shaped Decahedral Silver Nanoparticles as Fluorescent Probe for Detection of Cu and Pyrophosphate. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 2770-2777	5.5	9
160	Strategy for Activating Room-Temperature Phosphorescence of Carbon Dots in Aqueous Environments. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 7979-7986	9.6	61
159	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> , <b>2019</b> , 145, 111728	11.8	22
158	A two-photon ratiometric fluorescent probe for highly selective sensing of mitochondrial cysteine in live cells. <i>Analyst, The</i> , <b>2019</b> , 144, 439-447	5	31
157	Folate-targeting and bovine serum albumin-gated mesoporous silica nanoparticles as a redox-responsive carrier for epirubicin release. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 2694-2701	3.6	18

156	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> , <b>2019</b> , 144, 1988-1994	5	31
155	β-Cyclodextrin/Hyaluronic Acid Polymer Functionalized Magnetic Graphene Oxide Nanocomposites for Targeted Photo-Chemotherapy of Tumor Cells. <i>Polymers</i> , <b>2019</b> , 11,	4.5	30
154	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> , <b>2019</b> , 1057, 132-144	6.6	20
153	Substituent Effect on the Properties of pH Fluorescence Probes Containing Pyridine Group. <i>ChemistrySelect</i> , <b>2019</b> , 4, 5735-5739	1.8	4
152	Construction strategy for ratiometric fluorescent probe based on Janus silica nanoparticles as a platform toward intracellular pH detection. <i>Talanta</i> , <b>2019</b> , 205, 120021	6.2	11
151	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> , <b>2019</b> , 222, 117262	4.4	16
150	Dual sensing reporter system of assembled gold nanoparticles toward the sequential colorimetric detection of adenosine and Cr(III). <i>Talanta</i> , <b>2019</b> , 204, 294-303	6.2	8
149	Novel long-wavelength emissive lysosome-targeting ratiometric fluorescent probes for imaging in live cells. <i>Analyst, The</i> , <b>2019</b> , 144, 4288-4294	5	9
148	A Golgi-targeted off-on fluorescent probe for real-time monitoring of pH changes in vivo. <i>Chemical Communications</i> , <b>2019</b> , 55, 6685-6688	5.8	34
147	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> , <b>2019</b> , 11, 2650-2657	3.2	11
146	A lysosome-targeting and polarity-specific fluorescent probe for cancer diagnosis. <i>Chemical Communications</i> , <b>2019</b> , 55, 4703-4706	5.8	40
145	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> , <b>2019</b> , 11, 16822-16829	9.5	85
144	Design of a facile and label-free electrochemical aptasensor for detection of atrazine. <i>Talanta</i> , <b>2019</b> , 201, 156-164	6.2	16
143	Development of sensing method for mercury ions and cell imaging based on highly fluorescent gold nanoclusters. <i>Microchemical Journal</i> , <b>2019</b> , 146, 1140-1149	4.8	12
142	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> , <b>2019</b> , 215, 58-68	4.4	24
141	A solid oxide carbon fuel cell operating on pomelo peel char with high power output. <i>International Journal of Energy Research</i> , <b>2019</b> , 43, 2514-2526	4.5	5
140	Controllable Fabrication, Photoluminescence Mechanism, and Novel Application of Green-Yellow-Orange Fluorescent Carbon-Based Nanodots. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 5060-5071	5.5	4
139	Cyclodextrin Hybrid Inorganic Nanocomposites for Molecular Recognition, Selective Adsorption, and Drug Delivery <b>2019</b> , 1-25		

- 138 Light-Switchable Polymer Adhesive Based on Photoinduced Reversible Solid-to-Liquid Transitions. *ACS Macro Letters*, **2019**, 8, 968-972 6.6 65
- 137 Sulfuraphane-Conjugated Carbon Dots: A Versatile Nanosystem for Targeted Imaging and Inhibition of EGFR-Overexpressing Cancer Cells. *ACS Biomaterials Science and Engineering*, **2019**, 5, 4692-4699 5.5 9
- 136 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. *Journal of Materials Chemistry B*, **2019**, 7, 5502-5509 7.3 17
- 135 A colorimetric and ratiometric fluorescent probe for cyanide sensing in aqueous media and live cells. *Journal of Materials Chemistry B*, **2019**, 7, 4620-4629 7.3 22
- 134 Carbon quantum dots doped with phosphorus and nitrogen are a viable fluorescent nanoprobe for determination and cellular imaging of vitamin B and cobalt(II). *Mikrochimica Acta*, **2019**, 186, 506 5.8 16
- 133 Concentration-dependent multicolor fluorescent carbon dots for colorimetric and fluorescent bimodal detections of Fe<sup>3+</sup> and L-ascorbic acid. *Analytical Methods*, **2019**, 11, 669-676 3.2 22
- 132 Comparative study of Cl,N-Cdots and N-Cdots and application for trinitrophenol and ClO sensor and cell-imaging. *Analytica Chimica Acta*, **2019**, 1091, 76-87 6.6 18
- 131 Simultaneous electrochemical sensing of serotonin, dopamine and ascorbic acid by using a nanocomposite prepared from reduced graphene oxide, FeO and hydroxypropyl- $\beta$ -cyclodextrin. *Mikrochimica Acta*, **2019**, 186, 751 5.8 23
- 130 Recent Advances in Carbon Nanodots: Properties and Applications in Cancer Diagnosis and Treatment. *Journal of Analysis and Testing*, **2019**, 3, 37-49 3.2 15
- 129 A new Turn-on and reversible fluorescent sensor for Al<sup>3+</sup> detection and live cell imaging. *Analytical Methods*, **2019**, 11, 5598-5606 3.2 18
- 128 Construction of CPs@MnO-AgNPs as a multifunctional nanosensor for glutathione sensing and cancer theranostics. *Nanoscale*, **2019**, 11, 18845-18853 7.7 19
- 127 Dual-ligand functionalized carbon nanodots as green fluorescent nanosensors for cellular dual receptor-mediated targeted imaging. *Analyst, The*, **2019**, 144, 6729-6735 5 6
- 126 Novel single excitation dual-emission carbon dots for colorimetric and ratiometric fluorescent dual mode detection of Cu and Al ions.. *RSC Advances*, **2019**, 9, 38568-38575 3.7 11
- 125 Co detection, cell imaging, and temperature sensing based on excitation-independent green-fluorescent N-doped carbon dots.. *RSC Advances*, **2019**, 9, 41361-41367 3.7 6
- 124 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 4.4 10
- 123 Excitation-independent hollow orange-fluorescent carbon nanoparticles for pH sensing in aqueous solution and living cells. *Talanta*, **2019**, 196, 109-116 6.2 17
- 122 Highly luminescent N-doped carbon dots from black soya beans for free radical scavenging, Fe sensing and cellular imaging. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 211, 363-372 4.4 48
- 121 A highly efficient chiral sensing platform for tryptophan isomers based on a coordination self-assembly. *Talanta*, **2019**, 195, 306-312 6.2 23



120	Facile, rapid one-pot synthesis of multifunctional gold nanoclusters for cell imaging, hydrogen sulfide detection and pH sensing. <i>Talanta</i> , <b>2019</b> , 197, 1-11	6.2	21
119	A turn-on reactive fluorescent probe for Hg in 100% aqueous solution. <i>Talanta</i> , <b>2019</b> , 197, 218-224	6.2	30
118	Aggregation/assembly induced emission based on silk fibroin-templated fluorescent copper nanoclusters for turn-on detection of S <sup>2-</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 279, 361-368	8.5	29
117	Controlled Release of Curcumin via Folic Acid Conjugated Magnetic Drug Delivery System. <i>Chemical Research in Chinese Universities</i> , <b>2018</b> , 34, 203-211	2.2	3
116	Nitrogen and phosphorus dual-doped carbon dots as a label-free sensor for Curcumin determination in real sample and cellular imaging. <i>Talanta</i> , <b>2018</b> , 183, 61-69	6.2	58
115	Folic acid-conjugated green luminescent carbon dots as a nanoprobe for identifying folate receptor-positive cancer cells. <i>Talanta</i> , <b>2018</b> , 183, 39-47	6.2	71
114	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> , <b>2018</b> , 262, 913-921	8.5	37
113	$\beta$ -Cyclodextrin grafted polypyrrole magnetic nanocomposites toward the targeted delivery and controlled release of doxorubicin. <i>Applied Surface Science</i> , <b>2018</b> , 427, 1189-1198	6.7	31
112	Reduced carbon nanodots as a novel substrate for direct analysis of bisphenol analogs in surface assisted laser desorption/ionization time of flight mass spectrometry. <i>Talanta</i> , <b>2018</b> , 190, 89-94	6.2	5
111	Imaging of lysosomal pH changes with a novel quinoline/benzothiazole probe. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 13479-13485	3.6	4
110	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> , <b>2018</b> , 6, 6099-6107	7.3	49
109	Facile synthesis of orange fluorescence carbon dots with excitation independent emission for pH sensing and cellular imaging. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1042, 125-132	6.6	70
108	Highly sensitive photoelectrochemical sensing of bisphenol A based on zinc phthalocyanine/TiO <sub>2</sub> nanorod arrays. <i>Talanta</i> , <b>2018</b> , 189, 16-23	6.2	35
107	Bright-green-emissive nitrogen-doped carbon dots as a nanoprobe for bifunctional sensing, its logic gate operation and cellular imaging. <i>Talanta</i> , <b>2018</b> , 179, 554-562	6.2	32
106	3D graphene/hydroxypropyl- $\beta$ -cyclodextrin nanocomposite as an electrochemical chiral sensor for the recognition of tryptophan enantiomers. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 12822-12829	7.1	50
105	Bright Yellow Fluorescent Carbon Dots as a Multifunctional Sensing Platform for the Label-Free Detection of Fluoroquinolones and Histidine. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42915-42924	8.5	76
104	Matrix-Free and Highly Efficient Room-Temperature Phosphorescence of Nitrogen-Doped Carbon Dots. <i>Langmuir</i> , <b>2018</b> , 34, 12845-12852	4	45
103	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> , <b>2018</b> , 277, 492-501	8.5	43

102	A naphthalene-based fluorescent probe with a large Stokes shift for mitochondrial pH imaging. <i>Analyst, The</i> , <b>2018</b> , 143, 5054-5060	5	21
101	Substituent effect on the acid-induced isomerization of spiropyran compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 202, 13-17	4.4	8
100	Single fluorescein-based probe for selective colorimetric and fluorometric dual sensing of Al <sup>3+</sup> and Cu <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 247, 451-460	8.5	48
99	Excitation-independent yellow-fluorescent nitrogen-doped carbon nanodots for biological imaging and paper-based sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 251, 234-241	8.5	50
98	Gold nanoclusters as fluorescent sensors for selective and sensitive hydrogen sulfide detection. <i>Talanta</i> , <b>2017</b> , 171, 143-151	6.2	33
97	Rapid one-pot synthesis of MMTA protected fluorescent gold nanoclusters for selective and sensitive detection of ferric ion. <i>Talanta</i> , <b>2017</b> , 174, 44-51	6.2	14
96	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> , <b>2017</b> , 968, 85-96	6.6	155
95	Green-fluorescent nitrogen-doped carbon nanodots for biological imaging and paper-based sensing. <i>Analytical Methods</i> , <b>2017</b> , 9, 2197-2204	3.2	17
94	Electrochemical Lateral Flow Paper Strip for Oxidative-Stress Induced DNA Damage Assessment. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1572, 23-39	1.4	2
93	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> , <b>2017</b> , 5, 8957-8966	7.3	37
92	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 &amp; Interfaces</i> , <b>2017</b> , 9, 38761-38772	9.5	68
91	S-Nitrosothiols: chemistry and reactions. <i>Chemical Communications</i> , <b>2017</b> , 53, 11266-11277	5.8	43
90	Folic acid-conjugated carbon dots as green fluorescent probes based on cellular targeting imaging for recognizing cancer cells. <i>RSC Advances</i> , <b>2017</b> , 7, 42159-42167	3.7	69
89	Chromatographic separation and mass spectrometric analysis of N-acetyl-L-cysteine-protected palladium nanoparticles. <i>Analytical Methods</i> , <b>2017</b> , 9, 4539-4546	3.2	6
88	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> , <b>2017</b> , 9, 11545-11552	7.7	72
87	βAmyloid Biomarker Detection for Alzheimer's Disease. <i>Journal of Analysis and Testing</i> , <b>2017</b> , 1, 1	3.2	7
86	A highly selective fluorescent probe based on Michael addition for fast detection of hydrogen sulfide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 173, 457-461	4.4	8
85	Green Synthesis of Gold Nanoparticles with Pectinase: a Highly Selective and Ultra-Sensitive Colorimetric Assay for Mg <sup>2+</sup> . <i>Plasmonics</i> , <b>2017</b> , 12, 717-727	2.4	8

84	Bright far-red/near-infrared gold nanoclusters for highly selective and ultra-sensitive detection of Hg <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 238, 683-692	8.5	34
83	Silencing of karyopherin $\beta$ inhibits cell growth and survival in human hepatocellular carcinoma. <i>Oncotarget</i> , <b>2017</b> , 8, 36289-36304	3.3	17
82	Investigation on the supramolecular recognition behaviour of sulfonatocalix[6]arene with amino benzoic acid isomers. <i>Physics and Chemistry of Liquids</i> , <b>2016</b> , 54, 27-36	1.5	
81	Near-infrared photoluminescence enhancement of N-acetyl-L-cysteine (NAC)-protected gold nanoparticles via fluorescence resonance energy transfer from NAC-stabilized CdTe quantum dots. <i>RSC Advances</i> , <b>2016</b> , 6, 88042-88049	3.7	1
80	A colorimetric probe for the detection of aluminum ions based on 11-mercaptoundecanoic acid functionalized gold nanoparticles. <i>Analytical Methods</i> , <b>2016</b> , 8, 7232-7236	3.2	20
79	Detection of Ag(+) using graphite carbon nitride nanosheets based on fluorescence quenching. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 169, 122-7	4.4	51
78	A graphene oxide-based fluorescent aptasensor for alpha-fetoprotein detection. <i>Analytical Methods</i> , <b>2016</b> , 8, 6131-6134	3.2	12
77	$\beta$ Cyclodextrin and Its Derivatives Functionalized Magnetic Nanoparticles for Targeting Delivery of Curcumin and Cell Imaging. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 599-608	4.9	14
76	Eco-friendly synthesis of nitrogen-doped carbon nanodots from wool for multicolor cell imaging, patterning, and biosensing. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 235, 316-324	8.5	40
75	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> , <b>2016</b> , 6, 8612-8619	3.7	21
74	A novel pH fluorescent probe based on indocyanine for imaging of living cells. <i>Dyes and Pigments</i> , <b>2016</b> , 126, 224-231	4.6	18
73	A simple Schiff base fluorescence probe for highly sensitive and selective detection of Hg(2+) and Cu(2+). <i>Talanta</i> , <b>2016</b> , 154, 278-83	6.2	46
72	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> , <b>2016</b> , 4, 3540-3545	7.1	21
71	Carbon-based dots co-doped with nitrogen and sulfur for Cr(VI) sensing and bioimaging. <i>RSC Advances</i> , <b>2016</b> , 6, 28477-28483	3.7	35
70	Highly Selective Two-Photon Fluorescent Probe for Ratiometric Sensing and Imaging Cysteine in Mitochondria. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1908-14	7.8	157
69	UHPLC combined with mass spectrometric study of as-synthesized carbon dots samples. <i>Talanta</i> , <b>2016</b> , 146, 340-50	6.2	14
68	Controllable synthesis of green and blue fluorescent carbon nanodots for pH and Cu(2+) sensing in living cells. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 598-602	11.8	79
67	Highly selective and sensitive nanoprobe for Hg(II) ions based on photoluminescent gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 235, 386-393	8.5	31

66	A Simple and Novel Electrochemical Sensor Based on Phosphomolybdic-Polypyrrole Film Modified Electrode for Highly Sensitive Detection of Cholic Acid. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 1177-1182	4.9	1
65	Green and facile synthesis of nitrogen-doped carbon nanodots for multicolor cellular imaging and Co <sup>2+</sup> sensing in living cells. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 235, 179-187	8.5	56
64	Phosphorus and Nitrogen Dual-Doped Hollow Carbon Dot as a Nanocarrier for Doxorubicin Delivery and Biological Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 11288-97	9.5	190
63	A lysozyme-stabilized silver nanocluster fluorescent probe for the detection of sulfide ions. <i>Analytical Methods</i> , <b>2016</b> , 8, 4328-4333	3.2	24
62	A highly selective ratiometric fluorescent probe for biothiol and imaging in live cells. <i>RSC Advances</i> , <b>2016</b> , 6, 43028-43033	3.7	15
61	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 &amp; Interfaces</i> , <b>2016</b> , 8, 12976-84	9.5	72
60	Colorimetric sensor for cysteine in human urine based on novel gold nanoparticles. <i>Talanta</i> , <b>2016</b> , 161, 520-527	6.2	47
59	Effective adsorption of phenolic pollutants from water using $\beta$ -cyclodextrin polymer functionalized Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles. <i>RSC Advances</i> , <b>2016</b> , 6, 80955-80963	3.7	28
58	Fluorescent probe for detection of Cu <sup>2+</sup> using core-shell CdTe/ZnS quantum dots. <i>Luminescence</i> , <b>2015</b> , 30, 1064-70	2.5	26
57	Quantitative analysis of nitro-polycyclic aromatic hydrocarbons in PM <sub>2.5</sub> samples with graphene as a matrix by MALDI-TOF MS. <i>Analytical Methods</i> , <b>2015</b> , 7, 3967-3971	3.2	19
56	Green synthesis of carbon nanodots from cotton for multicolor imaging, patterning, and sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 221, 769-776	8.5	61
55	Low temperature synthesis of phosphorous and nitrogen co-doped yellow fluorescent carbon dots for sensing and bioimaging. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 6813-6819	7.3	118
54	Facile and eco-friendly synthesis of green fluorescent carbon nanodots for applications in bioimaging, patterning and staining. <i>Nanoscale</i> , <b>2015</b> , 7, 7394-401	7.7	70
53	Targeted delivery and pH-responsive release of stereoisomeric anti-cancer drugs using $\beta$ -cyclodextrin assembled Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Applied Surface Science</i> , <b>2015</b> , 357, 2077-2086	6.7	28
52	Nitrogen-doped carbon dots as fluorescent probe for detection of curcumin based on the inner filter effect. <i>RSC Advances</i> , <b>2015</b> , 5, 95054-95060	3.7	47
51	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> , <b>2015</b> , 898, 116-27	6.6	161
50	$\beta$ -Cyclodextrin modified graphene oxide/magnetic nanocomposite for targeted delivery and pH-sensitive release of stereoisomeric anti-cancer drugs. <i>RSC Advances</i> , <b>2015</b> , 5, 89299-89308	3.7	30
49	Indole-based pH probe with ratiometric fluorescence behavior for intracellular imaging. <i>RSC Advances</i> , <b>2015</b> , 5, 99739-99744	3.7	9

48	Doped zinc sulfide quantum dots based phosphorescence turn-off/on probe for detecting histidine in biological fluid. <i>Analytica Chimica Acta</i> , <b>2015</b> , 856, 82-9	6.6	33
47	Determination of Mercury(II) by Fluorescence Using Deoxyribonucleic Acid Stabilized Silver Nanoclusters. <i>Analytical Letters</i> , <b>2015</b> , 48, 281-290	2.2	4
46	An exonuclease I-based label-free fluorometric aptasensor for adenosine triphosphate (ATP) detection with a wide concentration range. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 63, 311-316	11.8	74
45	High-performance liquid chromatography coupled with mass spectrometry for analysis of ultrasmall palladium nanoparticles. <i>Talanta</i> , <b>2015</b> , 131, 632-9	6.2	9
44	Facile synthesis of nitrogen-doped carbon dots for Fe(3+) sensing and cellular imaging. <i>Analytica Chimica Acta</i> , <b>2015</b> , 861, 74-84	6.6	225
43	TiO <sub>2</sub> /graphene hybrid nanostructures by atomic layer deposition with enhanced electrochemical performance for Pb(II) and Cd(II) detection. <i>RSC Advances</i> , <b>2015</b> , 5, 4343-4349	3.7	23
42	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> , <b>2015</b> , 5, 21504-21510	3.7	36
41	Ratiometric emission fluorescent pH probe for imaging of living cells in extreme acidity. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 2788-93	7.8	89
40	Naked oats-derived dual-emission carbon nanodots for ratiometric sensing and cellular imaging. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 210, 533-541	8.5	79
39	High-quality water-soluble luminescent carbon dots for multicolor patterning, sensors, and bioimaging. <i>RSC Advances</i> , <b>2015</b> , 5, 16972-16979	3.7	55
38	High-performance liquid chromatographic and mass spectrometric analysis of fluorescent carbon nanodots. <i>Talanta</i> , <b>2014</b> , 129, 529-38	6.2	30
37	Bovine serum albumin-confined silver nanoclusters as fluorometric probe for detection of biothiols. <i>Luminescence</i> , <b>2014</b> , 29, 722-7	2.5	57
36	β-Cyclodextrin derivatives hybrid Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as the drug delivery for ketoprofen. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2014</b> , 80, 209-215	1.7	18
35	Lysozyme-stabilized gold nanoclusters as a novel fluorescence probe for cyanide recognition. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 121, 77-80	4.4	57
34	Fluorescence enhancement detection of uric acid based on water-soluble 3-mercaptopropionic acid-capped core/shell ZnS:Cu/ZnS. <i>RSC Advances</i> , <b>2014</b> , 4, 25183-25188	3.7	21
33	Red-green-blue fluorescent hollow carbon nanoparticles isolated from chromatographic fractions for cellular imaging. <i>Nanoscale</i> , <b>2014</b> , 6, 8162-70	7.7	82
32	Magnetic solid-phase extraction based on a trimethylstearylammmonium bromide coated Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> composite for determination of adriamycin hydrochloride in human plasma and urine by HPLC-FLD. <i>Analytical Methods</i> , <b>2014</b> , 6, 6736-6744	3.2	6
31	A selectively rhodamine-based colorimetric probe for detecting copper(II) ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 132, 191-7	4.4	22

30	A selectively fluorescein-based colorimetric probe for detecting copper(II) ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 122, 731-6	4.4	23
29	β-Cyclodextrin functionalized gold nanoparticles: characterization and its analytical application for L-tyrosine. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2014</b> , 78, 275-286	1.7	9
28	Label-free aptasensor for thrombin using a glassy carbon electrode modified with a graphene-porphyrin composite. <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 189-196	5.8	36
27	Changes in nutritional constituents, anthocyanins, and volatile compounds during the processing of black rice tea. <i>Food Science and Biotechnology</i> , <b>2013</b> , 22, 917-923	3	10
26	Electrocatalytic oxidation of formaldehyde and methanol on Ni(OH) <sub>2</sub> /Ni electrode. <i>Russian Journal of Electrochemistry</i> , <b>2013</b> , 49, 888-894	1.2	26
25	A novel ratiometric fluorescence probe based on BSA assembled silver nanoclusters for mercuric ion selective sensing. <i>Analytical Methods</i> , <b>2013</b> , 5, 5522	3.2	27
24	Phosphorescence detection of hydrochlorothiazide using Mn-doped ZnS quantum dots. <i>Analytical Methods</i> , <b>2013</b> , 5, 6094	3.2	4
23	Ratiometric spiropyran-based fluorescent pH probe. <i>RSC Advances</i> , <b>2013</b> , 3, 15762	3.7	20
22	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> , <b>2013</b> , 1, 4281-4288	7.3	74
21	Immobilization of platinum nanoparticles and glucose oxidase on eggshell membrane for glucose detection. <i>Analytical Methods</i> , <b>2013</b> , 5, 5154	3.2	20
20	L-Ascorbic acid biosensing assay from enzyme-immobilized pig bladder membrane as a novel platform. <i>Analytical Methods</i> , <b>2013</b> , 5, 1253	3.2	6
19	Synthesis of a Palladium-Graphene Material and Its Application for Formaldehyde Determination. <i>Analytical Letters</i> , <b>2013</b> , 46, 1454-1465	2.2	16
18	A selective carbazole-based fluorescent probe for chromium(III). <i>Analytical Methods</i> , <b>2013</b> , 5, 5549	3.2	21
17	β-Cyclodextrin/Fe <sub>3</sub> O <sub>4</sub> hybrid magnetic nano-composite modified glassy carbon electrode for tryptophan sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 163, 171-178	8.5	83
16	High-performance liquid chromatographic analysis of as-synthesised N,N'-dimethylformamide-stabilised gold nanoclusters product. <i>Nanoscale</i> , <b>2012</b> , 4, 5325-32	7.7	32
15	Determination of glucose in human serum based on an onion primary cuticula biosensor immobilized glucose oxidase. <i>Analytical Methods</i> , <b>2012</b> , 4, 1432	3.2	3
14	Rational synthesis of graphene-metal coordination polymer composite nanosheet as enhanced materials for electrochemical biosensing. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 13166		42
13	Synthesis of neutral red covalently functionalized graphene nanocomposite and the electrocatalytic properties toward uric acid. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 602-608		25

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10	Spectroscopic study on the inclusion complexation of L-tyrosine by p-sulphonatocalix[6]arene at different pH values. <i>Physics and Chemistry of Liquids</i> , <b>2012</b> , 50, 652-660	1.5	
9	Electrochemical Sensor for Ultrasensitive Determination of Doxorubicin and Methotrexate Based on Cyclodextrin-Graphene Hybrid Nanosheets. <i>Electroanalysis</i> , <b>2011</b> , 23, 2400-2407	3	93
8	Synthesis and Characterization of n-Alkylamine-Stabilized Palladium Nanoparticles for Electrochemical Oxidation of Methane. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 723-733	3.8	44
7	Electro-Oxidation of Methane on Roughened Palladium Electrode in Acidic Electrolytes at Ambient Temperatures. <i>Analytical Letters</i> , <b>2010</b> , 43, 1055-1065	2.2	8
6	Development and application of a fluorescent sensor for potassium ions based on a calix[6]arene ionophore and a novel cationic dye. <i>Supramolecular Chemistry</i> , <b>2009</b> , 21, 747-753	1.8	1
5	Application of HPLC and MALDI-TOF MS for studying as-synthesized ligand-protected gold nanoclusters products. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 1676-85	7.8	74
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3	Voltammetric Study and Detection of Methane on Nickel Hydroxide Modified Nickel Electrode. <i>Analytical Letters</i> , <b>2008</b> , 41, 593-598	2.2	6
2	The Interaction of Piroxicam with Neutral (HP- $\beta$ -CD) and Anionically Charged (SBE- $\beta$ -CD) $\beta$ -cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2006</b> , 56, 215-220		7
1	Biosensors for Determination of Galactose with Galactose Oxidase Immobilized on Eggshell Membrane. <i>Analytical Letters</i> , <b>2005</b> , 38, 1519-1529	2.2	11