

Chuan Dong

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.

271
papers

6,963
citations

47
h-index

67
g-index

286
ext. papers

8,851
ext. citations

5.7
avg, IF

6.47
L-index

#	Paper	IF	Citations
271	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	7.8	4
270	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	12.8	3
269	Dicyanoisophorone-based fluorescent probe with large Stokes shift for ratiometric detection and imaging of exogenous/endogenous hypochlorite in cell and zebrafish.. <i>Talanta</i> , 2022 , 242, 123293	6.2	3
268	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	12.8	2
267	A novel phenolphthalein-based fluorescent chemosensor for pyrophosphate detection via an Al displacement approach in real samples and living cells.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 276, 121174	4.4	0
266	Three-Dimensional Flower-like Nickel Oxide/Graphene Nanostructures for Electrochemical Detection of Environmental Nitrite. <i>ACS Applied Nano Materials</i> , 2022 , 5, 216-226	5.6	3
265	An ultrasensitive MnO ₂ -S,O-doped g-C ₃ N ₄ nanoprobe for Turn-on detection of glutathione and cell imaging. <i>Journal of Materials Science</i> , 2022 , 57, 7909	4.3	2
264	Dendritic Mesoporous Silica Nanoparticle-Tuned High-Affinity MnO ₂ Nanozyme for Multisignal GSH Sensing and Target Cancer Cell Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 5911-5921	8.3	1
263	Carbon-supported X-manganate (XNi, Zn, and Cu) nanocomposites for sensitive electrochemical detection of trace heavy metal ions.. <i>Journal of Hazardous Materials</i> , 2022 , 435, 129036	12.8	0
262	A Specific Discriminating GSH from Cys/Hcy Fluorescence Nanosensor: The Carbon Dots-MnO ₂ Nanocomposites. <i>Sensors and Actuators B: Chemical</i> , 2022 , 132135	8.5	2
261	A bifunctional fluorescence probe for dual-channel detecting of mitochondrial viscosity and endogenous/exogenous peroxyxynitrite. <i>Bioorganic Chemistry</i> , 2021 , 105484	5.1	4
260	Preparation of yellow-emitting carbon dots and their bifunctional detection of tetracyclines and Al in food and living cells. <i>Mikrochimica Acta</i> , 2021 , 188, 418	5.8	4
259	Highly sensitive and selective photoelectrochemical aptasensing of di-2-ethylhexyl phthalate based on graphene quantum dots decorated TiO nanotube arrays.. <i>Journal of Hazardous Materials</i> , 2021 , 426, 128107	12.8	1
258	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> , 2021 , 130991	8.5	4
257	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
256	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	4.4	7
255	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

254	A Mitochondria-Specific Orange/Near-Infrared-Emissive Fluorescent Probe for Dual-Imaging of Viscosity and H ₂ O ₂ in Inflammation and Tumor Models. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 1303-1309	4.9	8
253	Highly sensitive photoelectrochemical aptasensor based on MoS ₂ quantum dots/TiO ₂ nanotubes for detection of atrazine. <i>Sensors and Actuators B: Chemical</i> , 2021 , 334, 129652	8.5	7
252	Nitrogen-doped carbon dots for wash-free imaging of nucleolus orientation. <i>Mikrochimica Acta</i> , 2021 , 188, 183	5.8	5
251	Monitoring of the decreased mitochondrial viscosity during heat stroke with a mitochondrial AIE probe. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 3823-3831	4.4	3
250	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
249	Synthesis of carbon dots for Al sensing in water by fluorescence assay. <i>Luminescence</i> , 2021 , 36, 1469-1475	5	1
248	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	4.4	8
247	Facilely synthesized ultrathin Ni ₆ MnO ₈ @C nanosheets: excellent electrochemical performance and enhanced electrocatalytic epinephrine sensing. <i>Sensors and Actuators B: Chemical</i> , 2021 , 326, 128863	8.5	11
246	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> , 2021 , 118, 111478	8.3	12
245	A turn-off-on near-infrared photoluminescence sensor for sequential detection of Fe and ascorbic acid based on glutathione-capped gold nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 247, 119085	4.4	9
244	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
243	Alizarin-based molecular probes for the detection of hydrogen peroxide and peroxyxynitrite. <i>Analyst, The</i> , 2021 , 146, 509-514	5	3
242	A strategy of electrochemical simultaneous detection of acetaminophen and levofloxacin in water based on g-C ₃ N ₄ nanosheet-doped graphene oxide. <i>Environmental Science: Nano</i> , 2021 , 8, 258-268	7.1	4
241	Visible-light-driven photoelectrochemical sensing platform based on BiOI nanoflowers/TiO ₂ nanotubes for detection of atrazine in environmental samples. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124894	12.8	12
240	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> , 2021 , 408, 124422	12.8	9
239	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	8.5	10
238	N-Doped carbon dots for the fluorescence and colorimetry dual-mode detection of curcumin. <i>Analyst, The</i> , 2021 , 146, 5357-5361	5	1
237	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	5.8	11

236	A one-pot synthesis of fluorescent N,P-codoped carbon dots for vitamin B12 determination and bioimaging application. <i>New Journal of Chemistry</i> , 2021 , 45, 3508-3514	3.6	9
235	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
234	Biodegradable Fluorescent SiO ₂ @MnO ₂ -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	8.3	5
233	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> , 2021 , 69, 2836-2844	5.7	11
232	Carbon dots for ratiometric fluorescence detection of morin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 256, 119751	4.4	4
231	Discovery of emerging sulfur-containing PAHs in PM: Contamination profiles and potential health risks. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125795	12.8	4
230	Recent advances in synthesis and applications of room temperature phosphorescence carbon dots. <i>Talanta</i> , 2021 , 231, 122350	6.2	9
229	Rapid and Specific Imaging of Extracellular Signaling Molecule Adenosine Triphosphate with a Self-Phosphorylating DNAzyme. <i>Journal of the American Chemical Society</i> , 2021 , 143, 15084-15090	16.4	8
228	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	5.8	2
227	-Phenylenediamine Antioxidants in PM: The Underestimated Urban Air Pollutants. <i>Environmental Science & Technology</i> , 2021 ,	10.3	8
226	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> , 2021 , 233, 122593	6.2	4
225	Stimuli-Responsive Three-Dimensional DNA Nanomachines Engineered by Controlling Dynamic Interactions at Biomolecule-Nanoparticle Interfaces. <i>ACS Nano</i> , 2021 , 15, 16870-16877	16.7	4
224	Tricolor emission carbon dots for label-free ratiometric fluorescent and colorimetric recognition of Al ³⁺ and pyrophosphate ion and cellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2021 , 345, 130375	8.5	5
223	A highly sensitive photoelectrochemical aptasensor based on BiVO nanoparticles-TiO nanotubes for detection of PCB72. <i>Talanta</i> , 2021 , 233, 122551	6.2	2
222	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	4.4	1
221	AIE-based fluorescent boronate probe and its application in peroxyxynitrite imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 261, 120044	4.4	4
220	MnO 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	6.1	3
219	Orange emissive carbon nanodots for fluorescent and colorimetric bimodal discrimination of Cu and pH. <i>Analyst, The</i> , 2021 , 146, 1907-1914	5	7

218	Development of a piperazinyl-NBD-based fluorescent probe and its dual-channel detection for hydrogen sulfide. <i>Analyst, The</i> , 2021 , 146, 2138-2143	5	4
217	Lysosome targeting, Cr(vi) and l-AA sensing, and cell imaging based on N-doped blue-fluorescence carbon dots. <i>Analytical Methods</i> , 2021 , 13, 3561-3568	3.2	1
216	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	7.4	7
215	11-Mercaptoundecanoic Acid-Functionalized Carbon Dots As a Ratiometric Optical Probe for Doxorubicin Detection. <i>ACS Applied Nano Materials</i> , 2021 , 4, 13734-13746	5.6	4
214	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
213	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
212	Design of long-wavelength emission carbon dots for hypochlorous detection and cellular imaging. <i>Talanta</i> , 2020 , 219, 121170	6.2	15
211	Hypoxia imaging in living cells, tissues and zebrafish with a nitroreductase-specific fluorescent probe. <i>Analyst, The</i> , 2020 , 145, 5657-5663	5	7
210	Fe detection, bioimaging, and patterning based on bright blue-fluorescent N-doped carbon dots. <i>Analyst, The</i> , 2020 , 145, 5450-5457	5	10
209	Facile synthesis of ratiometric fluorescent carbon dots for pH visual sensing and cellular imaging. <i>Talanta</i> , 2020 , 216, 120943	6.2	19
208	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
207	Smilax China-derived yellow-fluorescent carbon dots for temperature sensing, Cu detection and cell imaging. <i>Analyst, The</i> , 2020 , 145, 2176-2183	5	9
206	An anthraquinone-imidazole-based colorimetric and fluorescent sensor for the sequential detection of Ag and biothiols in living cells. <i>Analyst, The</i> , 2020 , 145, 3029-3037	5	7
205	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	4.4	6
204	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
203	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
202	Highly sensitive fluorescent carbon dots probe with ratiometric emission for the determination of ClO ⁻ . <i>Analyst, The</i> , 2020 , 145, 2212-2218	5	15
201	A fast detection of peroxyxynitrite in living cells. <i>Analytica Chimica Acta</i> , 2020 , 1106, 96-102	6.6	9

200	Enhanced chemical sensing for Cu based on composites of ZIF-8 with small molecules.. <i>RSC Advances</i> , 2020 , 10, 13998-14006	3.7	6
199	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
198	A ratiometric and far-red fluorescence "off-on" sensor for sequential determination of copper(II) and L-histidine based on FRET system between N-acetyl-L-cysteine-capped AuNCs and N,S,P co-doped carbon dots. <i>Mikrochimica Acta</i> , 2020 , 187, 299	5.8	8
197	Graphene quantum dots wrapped square-plate-like MnO nanocomposite as a fluorescent turn-on sensor for glutathione. <i>Talanta</i> , 2020 , 219, 121180	6.2	15
196	"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
195	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
194	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
193	A benzothiazolium-based fluorescent probe with ideal pK for mitochondrial pH imaging and cancer cell differentiation. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 10586-10592	7.3	3
192	An efficient fluorescent nano-sensor of N-doped carbon dots for the determination of 2,4,6-trinitrophenol and other applications. <i>Analytical Methods</i> , 2020 , 12, 5195-5201	3.2	4
191	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
190	Convenient synthesis of carbon nanodots for detecting Cr(VI) and ascorbic acid by fluorimetry. <i>New Journal of Chemistry</i> , 2020 , 44, 20806-20811	3.6	5
189	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	4.4	5
188	A red-emission fluorescent probe for visual monitoring of lysosomal pH changes during mitophagy and cell apoptosis. <i>Analyst, The</i> , 2020 , 145, 7018-7024	5	8
187	Highly efficient removal of cationic, anionic and neutral dyes by hierarchically porous structured three-dimensional magnetic sulfur/nitrogen co-doped reduced graphene oxide nanohybrid. <i>Journal of Water Process Engineering</i> , 2020 , 37, 101345	6.7	9
186	Gold nanoparticles decorated bimetallic CuNi-based hollow nanoarchitecture for the enhancement of electrochemical sensing performance of nitrite. <i>Mikrochimica Acta</i> , 2020 , 187, 572	5.8	6
185	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
184	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
183	Rapid synthesis of multifunctional carbon nanodots as effective antioxidants, antibacterial agents, and quercetin nanoprobles. <i>Talanta</i> , 2020 , 206, 120243	6.2	21

182	The ratiometric fluorescent probe with high quantum yield for quantitative imaging of intracellular pH. <i>Talanta</i> , 2020 , 208, 120279	6.2	11
181	Silk Fibroin-Confined Star-Shaped Decahedral Silver Nanoparticles as Fluorescent Probe for Detection of Cu and Pyrophosphate. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 2770-2777	5.5	9
180	A designer 32-electron superatomic CBe ₈ H ₁₂ cluster: core-shell geometry, octacoordinate carbon, and cubic aromaticity. <i>New Journal of Chemistry</i> , 2020 , 44, 7286-7292	3.6	6
179	Strategy for Activating Room-Temperature Phosphorescence of Carbon Dots in Aqueous Environments. <i>Chemistry of Materials</i> , 2019 , 31, 7979-7986	9.6	61
178	Ternary 12-electron CBeX (X = H, Li, Na, Cu, Ag) clusters: planar tetracoordinate carbons and superalkali cations. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 22048-22056	3.6	10
177	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
176	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
175	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
174	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
173	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
172	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
171	Substituent Effect on the Properties of pH Fluorescence Probes Containing Pyridine Group. <i>ChemistrySelect</i> , 2019 , 4, 5735-5739	1.8	4
170	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
169	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	6.2	8
168	Electrochemical detection of chloramphenicol using palladium nanoparticles decorated reduced graphene oxide. <i>Microchemical Journal</i> , 2019 , 148, 774-783	4.8	44
167	A lysosome-targetable fluorescent probe for real-time imaging cysteine under oxidative stress in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 221, 117175	4.4	6
166	Novel long-wavelength emissive lysosome-targeting ratiometric fluorescent probes for imaging in live cells. <i>Analyst, The</i> , 2019 , 144, 4288-4294	5	9
165	One-pot synthesis of aqueous soluble and organic soluble carbon dots and their multi-functional applications. <i>Talanta</i> , 2019 , 202, 375-383	6.2	15

164	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
163	An Efficient Fluorescent Nanoprobe for Recognition of Cu ²⁺ and GSH based on nitrogen co-doped carbon quantum dots, and its logic gate operation. <i>Analytical Methods</i> , 2019 , 11, 2650-2657	3.2	11
162	A lysosome-targeting and polarity-specific fluorescent probe for cancer diagnosis. <i>Chemical Communications</i> , 2019 , 55, 4703-4706	5.8	40
161	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
160	Design of a facile and label-free electrochemical aptasensor for detection of atrazine. <i>Talanta</i> , 2019 , 201, 156-164	6.2	16
159	Enzyme free glucose sensing by amino-functionalized silicon quantum dot. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 216, 303-309	4.4	14
158	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
157	An efficient turn-on fluorescence biosensor for the detection of glutathione based on FRET between N,S dual-doped carbon dots and gold nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 6687-6695	4.4	27
156	Controllable Fabrication, Photoluminescence Mechanism, and Novel Application of Green-Yellow-Orange Fluorescent Carbon-Based Nanodots. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 5060-5071	5.5	4
155	Sensitive electrochemical sensor for nitrite ions based on rose-like AuNPs/MoS ₂ /graphene composite. <i>Biosensors and Bioelectronics</i> , 2019 , 142, 111529	11.8	71
154	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	5.5	9
153	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
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	Facile synthesis of iron phthalocyanine functionalized N,S-doped reduced graphene oxide nanocomposites and sensitive electrochemical detection for glutathione. <i>Sensors and Actuators B: Chemical</i> , 2019 , 297, 126756	8.5	18
150	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
149	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
148	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
147	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

146	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
145	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
144	Dual-ligand functionalized carbon nanodots as green fluorescent nanosensors for cellular dual receptor-mediated targeted imaging. <i>Analyst, The</i> , 2019 , 144, 6729-6735	5	6
143	Co detection, cell imaging, and temperature sensing based on excitation-independent green-fluorescent N-doped carbon dots.. <i>RSC Advances</i> , 2019 , 9, 41361-41367	3.7	6
142	The design of hydrogen sulfide fluorescence probe based on dual nucleophilic reaction and its application for bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 207, 150-155	4.4	10
141	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
140	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
139	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
138	Effects of Ambient Atmospheric PM, 1-Nitropyrene and 9-Nitroanthracene on DNA Damage and Oxidative Stress in Hearts of Rats. <i>Cardiovascular Toxicology</i> , 2019 , 19, 178-190	3.4	11
137	A far-red FRET fluorescent probe for ratiometric detection of l-cysteine based on carbon dots and N-acetyl-l-cysteine-capped gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 213, 90-96	4.4	20
136	A phenolphthalein-based fluorescent probe for the sequential sensing of Al and F ions in aqueous medium and live cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 208, 131-139	4.4	39
135	Controlled Release of Curcumin via Folic Acid Conjugated Magnetic Drug Delivery System. <i>Chemical Research in Chinese Universities</i> , 2018 , 34, 203-211	2.2	3
134	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
133	Effects of sub-chronic exposure to atmospheric PM on fibrosis, inflammation, endoplasmic reticulum stress and apoptosis in the livers of rats. <i>Toxicology Research</i> , 2018 , 7, 271-282	2.6	16
132	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
131	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
130	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> , 2018 , 190, 89-94	6.2	5
129	Imaging of lysosomal pH changes with a novel quinoline/benzothiazole probe. <i>New Journal of Chemistry</i> , 2018 , 42, 13479-13485	3.6	4

128	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
127	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
126	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
125	One step hydrothermal synthesis of carbon nanodots to realize the fluorescence detection of picric acid in real samples. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 580-588	8.5	50
124	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
123	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	8.5	76
122	Planar Pentacoordinate versus Tetracoordinate Carbons in Ternary CBeLi and CBeLi Clusters. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 8370-8376	2.8	10
121	Matrix-Free and Highly Efficient Room-Temperature Phosphorescence of Nitrogen-Doped Carbon Dots. <i>Langmuir</i> , 2018 , 34, 12845-12852	4	45
120	Enhanced Sensitivity of a Love Wave-Based Methane Gas Sensor Incorporating a Cryptophane-A Thin Film. <i>Sensors</i> , 2018 , 18,	3.8	12
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118	A naphthalene-based fluorescent probe with a large Stokes shift for mitochondrial pH imaging. <i>Analyst, The</i> , 2018 , 143, 5054-5060	5	21
117	A benzimidazole-based highly selective colorimetric and far-red fluorometric pH sensor for intracellular imaging. <i>New Journal of Chemistry</i> , 2018 , 42, 12954-12959	3.6	10
116	Facile preparation of bright orange fluorescent carbon dots and the constructed biosensing platform for the detection of pH in living cells. <i>Talanta</i> , 2018 , 189, 8-15	6.2	58
115	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
114	Gold nanoclusters as fluorescent sensors for selective and sensitive hydrogen sulfide detection. <i>Talanta</i> , 2017 , 171, 143-151	6.2	33
113	Amperometric Biosensor for Detection of Phenolic Compounds Based on Tyrosinase, N-Acetyl-L-cysteine-capped Gold Nanoparticles and Chitosan Nanocomposite. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 1305-1310	4.9	7
112	Effects of ambient PM and 9-nitroanthracene on DNA damage and repair, oxidative stress and metabolic enzymes in the lungs of rats. <i>Toxicology Research</i> , 2017 , 6, 654-663	2.6	17
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	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
109	Green-fluorescent nitrogen-doped carbon nanodots for biological imaging and paper-based sensing. <i>Analytical Methods</i> , 2017 , 9, 2197-2204	3.2	17
108	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
107	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
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105	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
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102	βAmyloid Biomarker Detection for Alzheimer's Disease. <i>Journal of Analysis and Testing</i> , 2017 , 1, 1	3.2	7
101	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> , 2017 , 173, 457-461	4.4	8
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97	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
96	βCyclodextrin 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
95	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
94	A novel fluorescein-based colorimetric probe for Cu ²⁺ detection. <i>RSC Advances</i> , 2016 , 6, 59677-59683	3.7	21
93	Facile one-pot synthesis of Au(0)@Au(I)βNAC core-shell nanoclusters with orange-yellow luminescence for cancer cell imaging. <i>RSC Advances</i> , 2016 , 6, 8612-8619	3.7	21

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80	Thiazole-based ratiometric fluorescence pH probe with large Stokes shift for intracellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2016 , 233, 566-573	8.5	39
79	A lysozyme-stabilized silver nanocluster fluorescent probe for the detection of sulfide ions. <i>Analytical Methods</i> , 2016 , 8, 4328-4333	3.2	24
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2 The Solid Surface Room Temperature Phosphorescence of Three Purine Compounds and Analytical Application. *Analytical Letters*, **2004**, 37, 435-448 2.2

1 STUDY ON THE PAPER SUBSTRATE ROOM TEMPERATURE PHOSPHORESCENCE OF CRYPTOTANSHINONE AND TANSHINONE IIA USING FILTER PAPER AS SUBSTRATE AND ANALYTICAL APPLICATION. *Analytical Letters*, **2002**, 35, 2319-2330 2.2 7