

Chuan Dong

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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	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
270	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
269	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
268	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
267	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
266	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
265	Effect of ambient PM(2.5) on lung mitochondrial damage and fusion/fission gene expression in rats. <i>Chemical Research in Toxicology</i> , 2015 , 28, 408-18	4	101
264	Electrochemical Sensor for Ultrasensitive Determination of Doxorubicin and Methotrexate Based on Cyclodextrin-Graphene Hybrid Nanosheets. <i>Electroanalysis</i> , 2011 , 23, 2400-2407	3	93
263	Mitochondrial damage: an important mechanism of ambient PM2.5 exposure-induced acute heart injury in rats. <i>Journal of Hazardous Materials</i> , 2015 , 287, 392-401	12.8	91
262	Ratiometric emission fluorescent pH probe for imaging of living cells in extreme acidity. <i>Analytical Chemistry</i> , 2015 , 87, 2788-93	7.8	89
261	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
260	βCyclodextrin/Fe3O4 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
259	Red-green-blue fluorescent hollow carbon nanoparticles isolated from chromatographic fractions for cellular imaging. <i>Nanoscale</i> , 2014 , 6, 8162-70	7.7	82
258	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
257	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
256	Pollution characteristics of ambient PM2.5-bound PAHs and NPAHs in a typical winter time period in Taiyuan. <i>Chinese Chemical Letters</i> , 2014 , 25, 663-666	8.1	77
255	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

254	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
253	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
252	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
251	Novel far-visible and near-infrared pH probes based on styrylcyanine for imaging intracellular pH in live cells. <i>Chemical Communications</i> , 2012 , 48, 11202-4	5.8	73
250	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
249	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
248	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
247	Sensitive electrochemical sensor for nitrite ions based on rose-like AuNPs/MoS/graphene composite. <i>Biosensors and Bioelectronics</i> , 2019 , 142, 111529	11.8	71
246	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
245	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
244	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
243	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
242	Strategy for Activating Room-Temperature Phosphorescence of Carbon Dots in Aqueous Environments. <i>Chemistry of Materials</i> , 2019 , 31, 7979-7986	9.6	61
241	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
240	Porphyrin functionalized graphene nanosheets-based electrochemical aptasensor for label-free ATP detection. <i>Journal of Materials Chemistry</i> , 2012 , 22, 23900		61
239	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
238	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
237	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

236	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
235	High-quality water-soluble luminescent carbon dots for multicolor patterning, sensors, and bioimaging. <i>RSC Advances</i> , 2015 , 5, 16972-16979	3.7	55
234	β-Cyclodextrin functionalized Mn-doped ZnS quantum dots for the chiral sensing of tryptophan enantiomers. <i>Polymer Chemistry</i> , 2015 , 6, 591-598	4.9	51
233	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
232	FRET-based modified graphene quantum dots for direct trypsin quantification in urine. <i>Analytica Chimica Acta</i> , 2016 , 917, 64-70	6.6	50
231	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
230	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
229	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
228	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
227	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
226	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
225	Colorimetric sensor for cysteine in human urine based on novel gold nanoparticles. <i>Talanta</i> , 2016 , 161, 520-527	6.2	47
224	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
223	Matrix-Free and Highly Efficient Room-Temperature Phosphorescence of Nitrogen-Doped Carbon Dots. <i>Langmuir</i> , 2018 , 34, 12845-12852	4	45
222	Electrochemical detection of chloramphenicol using palladium nanoparticles decorated reduced graphene oxide. <i>Microchemical Journal</i> , 2019 , 148, 774-783	4.8	44
221	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
220	An indole-carbazole-based ratiometric emission pH fluorescent probe for imaging extreme acidity. <i>Sensors and Actuators B: Chemical</i> , 2015 , 221, 1069-1076	8.5	43
219	S-Nitrosothiols: chemistry and reactions. <i>Chemical Communications</i> , 2017 , 53, 11266-11277	5.8	43

218	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
217	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
216	A lysosome-targeting and polarity-specific fluorescent probe for cancer diagnosis. <i>Chemical Communications</i> , 2019 , 55, 4703-4706	5.8	40
215	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
214	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
213	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
212	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
211	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
210	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
209	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
208	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
207	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
206	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
205	Gold nanoclusters as fluorescent sensors for selective and sensitive hydrogen sulfide detection. <i>Talanta</i> , 2017 , 171, 143-151	6.2	33
204	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
203	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
202	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
201	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

200	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
199	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
198	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
197	High-performance liquid chromatographic and mass spectrometric analysis of fluorescent carbon nanodots. <i>Talanta</i> , 2014 , 129, 529-38	6.2	30
196	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
195	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
194	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
193	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
192	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
191	Label-free fluorescent aptasensor for potassium ion using structure-switching aptamers and berberine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 136 Pt C, 1635-41	4.4	26
190	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
189	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
188	Development of a Room Temperature SAW Methane Gas Sensor Incorporating a Supramolecular Cryptophane A Coating. <i>Sensors</i> , 2016 , 16,	3.8	26
187	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
186	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
185	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
184	A lysozyme-stabilized silver nanocluster fluorescent probe for the detection of sulfide ions. <i>Analytical Methods</i> , 2016 , 8, 4328-4333	3.2	24
183	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

182	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
181	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
180	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
179	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
178	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
177	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
176	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
175	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
174	Colorimetric detection of riboflavin by silver nanoparticles capped with β-cyclodextrin-grafted citrate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 148, 66-72	6	21
173	A novel fluorescein-based colorimetric probe for Cu ²⁺ detection. <i>RSC Advances</i> , 2016 , 6, 59677-59683	3.7	21
172	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
171	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
170	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
169	A selective carbazole-based fluorescent probe for chromium(III). <i>Analytical Methods</i> , 2013 , 5, 5549	3.2	21
168	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
167	Rapid synthesis of multifunctional carbon nanodots as effective antioxidants, antibacterial agents, and quercetin nanoprob. <i>Talanta</i> , 2020 , 206, 120243	6.2	21
166	A naphthalene-based fluorescent probe with a large Stokes shift for mitochondrial pH imaging. <i>Analyst, The</i> , 2018 , 143, 5054-5060	5	21
165	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

164	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
163	Immobilization of platinum nanoparticles and glucose oxidase on eggshell membrane for glucose detection. <i>Analytical Methods</i> , 2013 , 5, 5154	3.2	20
162	Determination of protein, fat, starch, and amino acids in foxtail millet [<i>Setaria italica</i> (L.) Beauv.] by Fourier transform near-infrared reflectance spectroscopy. <i>Food Science and Biotechnology</i> , 2013 , 22, 1495-1500	3	20
161	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
160	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
159	Facile synthesis of ratiometric fluorescent carbon dots for pH visual sensing and cellular imaging. <i>Talanta</i> , 2020 , 216, 120943	6.2	19
158	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
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> , 2019 , 43, 2694-2701	3.6	18
156	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
155	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
154	Facile synthesis of iron phthalocyanine functionalized N,B-doped reduced graphene oxide nanocomposites and sensitive electrochemical detection for glutathione. <i>Sensors and Actuators B: Chemical</i> , 2019 , 297, 126756	8.5	18
153	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
152	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
151	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
150	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
149	Green-fluorescent nitrogen-doped carbon nanodots for biological imaging and paper-based sensing. <i>Analytical Methods</i> , 2017 , 9, 2197-2204	3.2	17
148	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
147	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

146	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
145	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
144	Design of a facile and label-free electrochemical aptasensor for detection of atrazine. <i>Talanta</i> , 2019 , 201, 156-164	6.2	16
143	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
142	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
141	Synthesis of a Palladium-Graphene Material and Its Application for Formaldehyde Determination. <i>Analytical Letters</i> , 2013 , 46, 1454-1465	2.2	16
140	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
139	Design of long-wavelength emission carbon dots for hypochlorous detection and cellular imaging. <i>Talanta</i> , 2020 , 219, 121170	6.2	15
138	Highly sensitive fluorescent carbon dots probe with ratiometric emission for the determination of ClO ⁻ . <i>Analyst</i> , 2020 , 145, 2212-2218	5	15
137	Fluorescence Quenching of Pheophytin-a by Copper(II) Ions. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 513-517	4.17	15
136	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
135	"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
134	Schisandrin B inhibits Th1/Th17 differentiation and promotes regulatory T cell expansion in mouse lymphocytes. <i>International Immunopharmacology</i> , 2016 , 35, 257-264	5.8	15
133	A highly selective ratiometric fluorescent probe for biothiol and imaging in live cells. <i>RSC Advances</i> , 2016 , 6, 43028-43033	3.7	15
132	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
131	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
130	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
129	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

128	UHPLC combined with mass spectrometric study of as-synthesized carbon dots samples. <i>Talanta</i> , 2016 , 146, 340-50	6.2	14
127	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
126	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
125	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
124	A novel asymmetric indolo[3,2-b]carbazole derivative containing benzothiazole and dimesitylboron units: Synthesis, photophysical and sensing properties. <i>Synthetic Metals</i> , 2013 , 179, 42-48	3.6	13
123	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
122	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
121	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
120	Visible-light-driven photoelectrochemical sensing platform based on BiOI nanoflowers/TiO nanotubes for detection of atrazine in environmental samples. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124894	12.8	12
119	Enhanced Sensitivity of a Love Wave-Based Methane Gas Sensor Incorporating a Cryptophane-A Thin Film. <i>Sensors</i> , 2018 , 18,	3.8	12
118	An BnBffBn 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
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116	Down-regulation of aquaporin3 expression by lipopolysaccharide via p38/c-Jun N-terminal kinase signalling pathway in HT-29 human colon epithelial cells. <i>World Journal of Gastroenterology</i> , 2015 , 21, 4547-54	5.6	11
115	Biosensors for Determination of Galactose with Galactose Oxidase Immobilized on Eggshell Membrane. <i>Analytical Letters</i> , 2005 , 38, 1519-1529	2.2	11
114	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
113	The ratiometric fluorescent probe with high quantum yield for quantitative imaging of intracellular pH. <i>Talanta</i> , 2020 , 208, 120279	6.2	11
112	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
111	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

110	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
109	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
108	Fe detection, bioimaging, and patterning based on bright blue-fluorescent N-doped carbon dots. <i>Analyst, The</i> , 2020 , 145, 5450-5457	5	10
107	Changes in nutritional constituents, anthocyanins, and volatile compounds during the processing of black rice tea. <i>Food Science and Biotechnology</i> , 2013 , 22, 917-923	3	10
106	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
105	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
104	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
103	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
102	Novel long-wavelength emissive lysosome-targeting ratiometric fluorescent probes for imaging in live cells. <i>Analyst, The</i> , 2019 , 144, 4288-4294	5	9
101	Indole-based pH probe with ratiometric fluorescence behavior for intracellular imaging. <i>RSC Advances</i> , 2015 , 5, 99739-99744	3.7	9
100	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
99	A fast detection of peroxyxynitrite in living cells. <i>Analytica Chimica Acta</i> , 2020 , 1106, 96-102	6.6	9
98	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
97	β-Cyclodextrin functionalized gold nanoparticles: characterization and its analytical application for l-tyrosine. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 78, 275-286	1.7	9
96	High-performance liquid chromatography coupled with mass spectrometry for analysis of ultrasmall palladium nanoparticles. <i>Talanta</i> , 2015 , 131, 632-9	6.2	9
95	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
94	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
93	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

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88	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
87	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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84	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
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81	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
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68	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
67	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
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53	Nitrogen-doped carbon dots for wash-free imaging of nucleolus orientation. <i>Mikrochimica Acta</i> , 2021 , 188, 183	5.8	5
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