

## 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.

204  
papers

7,703  
citations

42  
h-index

81  
g-index

213  
ext. papers

8,954  
ext. citations

6.1  
avg, IF

6.17  
L-index

#	Paper	IF	Citations
204	Multifunctional Probes with High Utilization Rates: Self-Assembled Merocyanine Nanoparticles in Water as Acid-Base Indicators and Mitochondrion-Targeting Chemotherapeutic Agents.. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 1090-1098	6.4	1
203	Highly Emissive Multipurpose Organoplatinum(II) Metallacycles with Contrasting Mechanoresponsive Features.. <i>Inorganic Chemistry</i> , <b>2022</b> ,	5.1	9
202	pH-Sensitive Bioprobe for Multichannel Mitochondrial Imaging and Photodynamic Therapy.. <i>Analytical Chemistry</i> , <b>2022</b> , 94, 4126-4133	7.8	2
201	Activable Targeted Protein Degradation Platform Based on Light-triggered Singlet Oxygen.. <i>Journal of Medicinal Chemistry</i> , <b>2022</b> ,	8.3	5
200	Mitochondrial Targeting Long-Term Near-Infrared Imaging and Photodynamic Therapy Aggregation-Induced Emission Luminogens Manipulated by Thiophene.. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 3462-3469	6.4	
199	AI-Egen based turn-on fluorescent probes of histone deacetylase 6 via restriction of molecular motion. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 364, 131882	8.5	0
198	Regulation of the Enzymatic Activities of Lysozyme by the Surface Ligands of Ultrasmall Gold Nanoclusters: The Role of Hydrophobic Interactions. <i>Langmuir</i> , <b>2021</b> , 37, 13787-13797	4	1
197	Cancer-Erythrocyte Hybrid Membrane-Camouflaged Magnetic Nanoparticles with Enhanced Photothermal-Immunotherapy for Ovarian Cancer. <i>ACS Nano</i> , <b>2021</b> ,	16.7	15
196	Nitrogen and sulfur co-doped carbon dots with bright fluorescence for intracellular detection of iron ion and thiol.. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 611, 255-264	9.3	8
195	Positive Sorption Behaviors in the Ligand Exchanges for Water-Soluble Quantum Dots and a Strategy for Specific Targeting. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 51746-51758	9.5	3
194	Iodine-Initiated Dioxygenation of Aryl Alkenes Using <i>t</i> -Butylhydroperoxides and Water: A Route to Vicinal Diols and Bisperoxides. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 15469-15480	4.2	0
193	Recent Advances in Nanomaterial-Based Nanoplatforms for Chemodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2100243	15.6	60
192	Antitumor Effects of pH-/Reduction-Responsive Fe <sub>3</sub> O <sub>4</sub> @Alginate Magnetic Nanoparticles Loaded with Doxorubicin on Subcutaneous Tumor Models of Hepatocellular Carcinoma Xenografts in BALB/c Nude Mice. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 3707-3716	5.6	0
191	Zn-doped CuS quantum dots as new high-efficiency inhibitors against human insulin fibrillation based on specific electrostatic interaction with oligomers. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 179, 161-169	7.9	1
190	Insights into Mechanism of Aβ Fibril Growth on Surface of Graphene Oxides: Oxidative Degree Matters. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2100436	10.1	2
189	N,S-Codoped Carbon Dots with Red Fluorescence and Their Cellular Imaging.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 4973-4981	4.1	5
188	Cancer Selective Target Degradation by Folate-Caged PROTACs. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 7380-7387	16.4	26

187	Cu-Deficient CuInSe Quantum Dots for Turn-On Detection of Adenosine Triphosphate in Living Cells. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 6057-6066	5.6	3
186	Organization of Protein Tyrosine Kinase-7 on Cell Membranes Characterized by Aptamer Probe-Based STORM Imaging. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 936-945	7.8	4
185	The Behavior of Carbonized Polymer Dots at the Nano-Bio Interface and Their Luminescent Mechanism: A Physical Chemistry Perspective. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 265-273	4.9	8
184	Design, synthesis and cell imaging of a simple peptide-based probe for the selective detection of RNA. <i>Chemical Communications</i> , <b>2021</b> , 57, 2653-2656	5.8	
183	Mitochondria-Targeted BODIPY Nanoparticles for Enhanced Photothermal and Photoacoustic Imaging In Vivo.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 1760-1770	4.1	4
182	Near-infrared Zn-doped CuS quantum dots: an ultras-small theranostic agent for tumor cell imaging and chemodynamic therapy. <i>Nanoscale</i> , <b>2021</b> , 13, 3673-3685	7.7	9
181	Multifunction in One Molecule: Mitochondrial Imaging and Photothermal & Photodynamic Cytotoxicity of Fast-Response Near-Infrared Fluorescent Probes with Aggregation-Induced Emission Characteristics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 7945-7954	9.5	11
180	Thermodynamic Implications and Time Evolution of the Interactions of Near-Infrared PbS Quantum Dots with Human Serum Albumin. <i>ACS Omega</i> , <b>2021</b> , 6, 5569-5581	3.9	9
179	Multi-functional carboxymethyl chitin-based nanoparticles for modulation of tumor-associated macrophage polarity. <i>Carbohydrate Polymers</i> , <b>2021</b> , 267, 118245	10.3	0
178	Controlled preparation of a MCC-AM/EDA/PA loaded Fe(III) adsorbent by the pre-radiation grafting method and its application for the adsorption removal of phosphate.. <i>RSC Advances</i> , <b>2021</b> , 11, 6173-6181	3.7	2
177	A bright, red-emitting water-soluble BODIPY fluorophore as an alternative to the commercial Mito Tracker Red for high-resolution mitochondrial imaging. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 8639-8645	7.3	3
176	A pH/ROS-responsive, tumor-targeted drug delivery system based on carboxymethyl chitin gated hollow mesoporous silica nanoparticles for anti-tumor chemotherapy. <i>Carbohydrate Polymers</i> , <b>2020</b> , 245, 116493	10.3	26
175	Thermodynamics, Kinetics and Mechanisms of Noncompetitive Allosteric Inhibition of Chymotrypsin by Dihydrolipoic Acid-Coated Gold Nanoclusters. <i>Langmuir</i> , <b>2020</b> , 36, 6447-6457	4	10
174	Real-Time Imaging of Intracellular Glutathione Levels Based on a Ratiometric Fluorescent Probe with Extremely Fast Response. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 10068-10075	7.8	11
173	Chlorophyll-Based Near-Infrared Fluorescent Nanocomposites: Preparation and Optical Properties. <i>ACS Omega</i> , <b>2020</b> , 5, 14261-14266	3.9	2
172	Dual Inhibition of Pyruvate Dehydrogenase Complex and Respiratory Chain Complex Induces Apoptosis by a Mitochondria-Targeted Fluorescent Organic Arsenical in vitro and in vivo. <i>ChemMedChem</i> , <b>2020</b> , 15, 552-558	3.7	5
171	The interaction mechanism between fludarabine and human serum albumin researched by comprehensive spectroscopic methods and molecular docking technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 233, 118170	4.4	9
170	Inhibition of Autophagy via Lysosomal Impairment Enhances Cytotoxicity of Fullerenol under Starvation Condition.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 977-985	4.1	5

169	Thermodynamics of the Interaction Between Graphene Quantum Dots with Human Serum Albumin and $\alpha$ -Globulins. <i>Journal of Solution Chemistry</i> , <b>2020</b> , 49, 100-116	1.8	2
168	Cubic platinum nanoparticles capped with Cs[close-BH] as an effective oxidation catalyst for converting methane to ethanol. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 566, 135-142	9.3	10
167	A model beyond protein corona: thermodynamics and binding stoichiometries of the interactions between ultrasmall gold nanoclusters and proteins. <i>Nanoscale</i> , <b>2020</b> , 12, 4573-4585	7.7	26
166	Thermodynamic Implications of the Ligand Exchange with Alkylamines on the Surface of CdSe Quantum Dots: The Importance of Ligand-Ligand Interactions. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 4613-4625	3.8	18
165	Bridge between Temperature and Light: Bottom-Up Synthetic Route to Structure-Defined Graphene Quantum Dots as a Temperature Probe In Vitro and in Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 22002-22011	9.5	13
164	Bifunctional carbon dots for cell imaging and inhibition of human insulin fibrillation in the whole aggregation process. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 147, 453-462	7.9	12
163	Conformational structure variation of human serum albumin after binding interaction with black phosphorus quantum dots. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 146, 405-414	7.9	10
162	Sequential-targeting nanocarriers with pH-controlled charge reversal for enhanced mitochondria-located photodynamic-immunotherapy of cancer. <i>Acta Biomaterialia</i> , <b>2020</b> , 105, 223-238	10.8	33
161	Luminescent carbon dots with concentration-dependent emission in solution and yellow emission in solid state. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 565, 77-85	9.3	27
160	Synthesis, characterization, and antitumor properties of Au(I)-thiourea complexes. <i>Metallomics</i> , <b>2020</b> , 12, 104-113	4.5	10
159	Developing substrate-based small molecule fluorescent probes for super-resolution fluorescent imaging of various membrane transporters. <i>Nanoscale Horizons</i> , <b>2020</b> , 5, 523-529	10.8	5
158	The adsorption behaviour of carbon nanodots modulated by cellular membrane potential. <i>Environmental Science: Nano</i> , <b>2020</b> , 7, 880-890	7.1	6
157	Rapid ratiometric detection of Cd based on the formation of ZnSe/CdS quantum dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 228, 117795	4.4	6
156	Molecular Mechanisms of the Ultra-Strong Inhibition Effect of Oxidized Carbon Dots on Human Insulin Fibrillation.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 217-226	4.1	7
155	On the Route to Quantitative Detection and Real-Time Monitoring of Glutathione in Living Cells by Reversible Fluorescent Probes. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 14285-14291	7.8	16
154	Three in one: atomically dispersed Na boosting the photoreactivity of carbon nitride towards NO oxidation. <i>Chemical Communications</i> , <b>2020</b> , 56, 14195-14198	5.8	21
153	Modular Design of Supramolecular Organic Frameworks for Image-Guided Photodynamic Therapy. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2004452	15.6	5
152	Development of small molecule inhibitor-based fluorescent probes for highly specific super-resolution imaging. <i>Nanoscale</i> , <b>2020</b> , 12, 21591-21598	7.7	6

151	The enhanced visible-light-driven antibacterial performances of PTCDI-PANI(Fe(III)-doped) heterostructure. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 383, 121166	12.8	22
150	Fabrication of porous TiO <sub>2</sub> nanosheets assembly for improved photoreactivity towards X3B dye degradation and NO oxidation. <i>Applied Surface Science</i> , <b>2020</b> , 503, 144080	6.7	12
149	Syntheses, kinetics and thermodynamics of BODIPY-based fluorescent probes with different kinds of hydrophilic groups for the detection of biothiols. <i>Dyes and Pigments</i> , <b>2020</b> , 180, 108434	4.6	6
148	Flower-like g-C <sub>3</sub> N <sub>4</sub> assembly from holy nanosheets with nitrogen vacancies for efficient NO abatement. <i>Applied Surface Science</i> , <b>2019</b> , 492, 166-176	6.7	27
147	Comparative studies on the surface/interface properties and aggregation behavior of mono-rhamnolipid and di-rhamnolipid. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 181, 593-601	6	17
146	Interaction Mechanism of Different Surfactants with Casein: A Perspective on Bulk and Interfacial Phase Behavior. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 6336-6349	5.7	7
145	Single-step synthesis of highly photoluminescent carbon dots for rapid detection of Hg with excellent sensitivity. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 551, 101-110	9.3	42
144	Concentration-tuned multicolor carbon dots: microwave-assisted synthesis, characterization, mechanism and applications. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 8950-8957	3.6	15
143	Adsorption and desorption behaviors of HPEI and thermoresponsive HPEI based gels on anionic and cationic dyes. <i>Chemical Engineering Journal</i> , <b>2019</b> , 369, 863-873	14.7	45
142	Doxorubicin loaded tumor-triggered targeting ammonium bicarbonate liposomes for tumor-specific drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 178, 263-268	6	14
141	Fluorescent protein nanoparticles: Synthesis and recognition of cellular oxidation damage. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 177, 219-227	6	2
140	Rapid and Reversible Reaction-Based Ratiometric Fluorescent Probe for Imaging of Different Glutathione Levels in Living Cells.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 4503-4514	4.1	16
139	High-Oxygen-Content Carbon Dots as a High-Efficiency Inhibitor of Human Insulin Aggregation.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 4067-4076	4.1	4
138	Integrative Ni@Pd-Ni Alloy Nanowire Array Electrocatalysts Boost Hydrazine Oxidation Kinetics. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5581-5587	4.3	6
137	Microwave-assisted synthesis, characterization, cell imaging of fluorescent carbon dots using L-asparagine as precursor. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 3323-3331	3.6	15
136	Mechanistic studies on the antibacterial behavior of Ag nanoparticles decorated with carbon dots having different oxidation degrees. <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 1168-1179	7.1	20
135	A reaction-based turn-on fluorescent sensor for the detection of Cu (II) with excellent sensitivity and selectivity: Synthesis, DFT calculations, kinetics and application in real water samples. <i>Dyes and Pigments</i> , <b>2019</b> , 165, 383-390	4.6	36
134	Biocompatible AgS quantum dots for highly sensitive detection of copper ions. <i>Analyst, The</i> , <b>2019</b> , 144, 2604-2610	5	29

133	Graphene Quantum Dots Induce Autophagy and Reveal Protection Against Hydrogen Peroxide-Induced Oxidative Stress Injury.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 5760-5768	4.1	2
132	Facile fabrication of hierarchically porous Ni foam@Ag-Ni catalyst for efficient hydrazine oxidation in alkaline medium. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 105, 75-84	5.3	8
131	Fabrication of high photoreactive carbon nitride nanosheets by polymerization of amidinourea for hydrogen production. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 245, 197-206	21.8	39
130	Self-assembled CpG oligodeoxynucleotides conjugated hollow gold nanospheres to enhance cancer-associated immunostimulation. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 175, 248-255	6	12
129	AuAg <sub>1</sub> Nanocomposites with 40-Fold Emission Enhancement Formed by the Electrostatic Assembly of Gold Nanoclusters and Silver Nanoclusters for Bioimaging and Bioanalysis. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 408-417	5.6	20
128	A novel self-assembled nanoprobe for the detection of aluminum ions in real water samples and living cells. <i>Talanta</i> , <b>2019</b> , 194, 38-45	6.2	19
127	Novel dual responsive alginate-based magnetic nanogels for onco-theranostics. <i>Carbohydrate Polymers</i> , <b>2019</b> , 204, 32-41	10.3	51
126	Equilibrium and dynamic surface properties of cationic/anionic surfactant mixtures based on bisquaternary ammonium salt. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 254, 248-254	6	17
125	A novel method for the detection of silver ions with carbon dots: Excellent selectivity, fast response, low detection limit and good applicability. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 267, 627-635	8.5	35
124	A BODIPY-based mitochondria-targeted turn-on fluorescent probe with dual response units for the rapid detection of intracellular biothiols. <i>Dyes and Pigments</i> , <b>2018</b> , 152, 29-35	4.6	25
123	The interactions of CdTe quantum dots with serum albumin and subsequent cytotoxicity: the influence of homologous ligands. <i>Toxicology Research</i> , <b>2018</b> , 7, 147-155	2.6	12
122	Förster Resonance Energy Transfer from Quantum Dots to Rhodamine B As Mediated by a Cationic Surfactant: A Thermodynamic Perspective. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 1148-1157	3.8	23
121	Carbon- and Binder-Free Core-Shell Nanowire Arrays for Efficient Ethanol Electro-Oxidation in Alkaline Medium. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 4705-4714	9.5	32
120	Organic arsenicals target thioredoxin reductase followed by oxidative stress and mitochondrial dysfunction resulting in apoptosis. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 143, 1090-1102	6.8	20
119	Highly selective and sensitive detection of Hg <sup>2+</sup> based on fluorescence enhancement of Mn-doped ZnSe QDs by Hg <sup>2+</sup> -Mn <sup>2+</sup> replacement. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 254, 8-15	8.5	31
118	Uncoupling Effect of F16 Is Responsible for Its Mitochondrial Toxicity and Anticancer Activity. <i>Toxicological Sciences</i> , <b>2018</b> , 161, 431-442	4.4	16
117	Comparison of molecular interactions of Ag Te and CdTe quantum dots with human serum albumin by spectroscopic approaches. <i>Luminescence</i> , <b>2018</b> , 33, 181-189	2.5	4
116	Reduced state transition barrier of CDK6 from open to closed state induced by Thr177 phosphorylation and its implication in binding modes of inhibitors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2018</b> , 1862, 501-512	4	5



115	New aspects of the environmental risks of quantum dots: prophage activation. <i>Environmental Science: Nano</i> , <b>2018</b> , 5, 1556-1566	7.1	6
114	Pyridinium and indole orientation determines the mitochondrial uncoupling and anti-cancer efficiency of F16. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 154, 305-313	6.8	7
113	Role of surface charge on the interaction between carbon nanodots and human serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 204, 484-494	4.4	12
112	Identification of Binding Modes for Amino Naphthalene 2-Cyanoacrylate (ANCA) Probes to Amyloid Fibrils from Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 1211-1221	3.4	17
111	Mn-Doped ZnSe quantum dots initiated mild and rapid cation exchange for tailoring the composition and optical properties of colloid nanocrystals: novel template, new applications. <i>Nanoscale</i> , <b>2017</b> , 9, 2824-2835	7.7	11
110	BODIPY-based fluorescent probes for mitochondria-targeted cell imaging with superior brightness, low cytotoxicity and high photostability. <i>Dyes and Pigments</i> , <b>2017</b> , 141, 530-535	4.6	26
109	Effects of Surface Charges on the Bactericide Activity of CdTe/ZnS Quantum Dots: A Cell Membrane Disruption Perspective. <i>Langmuir</i> , <b>2017</b> , 33, 2378-2386	4	27
108	Thermodynamics and Mechanisms of the Interactions between Ultrasmall Fluorescent Gold Nanoclusters and Human Serum Albumin, $\gamma$ Globulins, and Transferrin: A Spectroscopic Approach. <i>Langmuir</i> , <b>2017</b> , 33, 5108-5116	4	54
107	Design, synthesis, cell imaging, kinetics and thermodynamics of reaction-based turn-on fluorescent probes for the detection of biothiols. <i>Dyes and Pigments</i> , <b>2017</b> , 145, 451-460	4.6	16
106	Controlled preparation and highly photocatalytic activity of portable MCC-g-GMA@TiO <sub>2</sub> photocatalyst by pre-radiation grafting-embedding method. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 218, 101-110	21.8	14
105	The relationship between the length of surface ligand and effects of CdTe quantum dots on the physiological functions of isolated mitochondria. <i>Chemosphere</i> , <b>2017</b> , 184, 1108-1116	8.4	15
104	Spectroscopic, Polarographic, and Microcalorimetric Studies on Mitochondrial Dysfunction Induced by Ethanol. <i>Journal of Membrane Biology</i> , <b>2017</b> , 250, 195-204	2.3	13
103	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 1229-1233	16.4	367
102	Smart On-Off Switching Luminescence Materials with Reversible Piezochromism and Basichromism. <i>ChemistrySelect</i> , <b>2017</b> , 2, 9215-9221	1.8	8
101	Impact of carbon quantum dots on dynamic properties of BSA and BSA/DPPC adsorption layers. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 506, 245-254	9.3	8
100	Red, Yellow, and Blue Luminescence by Graphene Quantum Dots: Syntheses, Mechanism, and Cellular Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 24846-24856	9.5	117
99	Fabrication of an acylhydrazone based fluorescence probe for Al <sup>3+</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 240, 916-925	8.5	47
98	Interactions between carbon nanodots with human serum albumin and $\gamma$ globulins: The effects on the transportation function. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 301, 242-9	12.8	90

97	A lysosome-targeted fluorescent sensor for the detection of glutathione in cells with an extremely fast response. <i>Chemical Communications</i> , <b>2016</b> , 52, 11579-82	5.8	42
96	Oxidative stress-mediated intrinsic apoptosis in human promyelocytic leukemia HL-60 cells induced by organic arsenicals. <i>Scientific Reports</i> , <b>2016</b> , 6, 29865	4.9	26
95	Mitochondrial dysfunction induced by ultra-small silver nanoclusters with a distinct toxic mechanism. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 308, 139-48	12.8	31
94	Toxicity of polyhydroxylated fullerene to mitochondria. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 301, 119-262.8	62.8	42
93	Carbon dots reduced and stabilized silver nanoclusters: synthesis and formation mechanisms. <i>RSC Advances</i> , <b>2016</b> , 6, 76989-76995	3.7	13
92	Conjugated 5-fluorouracil with mitochondria-targeting lipophilic cation: design, synthesis and biological evaluation. <i>MedChemComm</i> , <b>2016</b> , 7, 2016-2019	5	15
91	Investigations on the interactions between naphthalimide-based anti-tumor drugs and human serum albumin by spectroscopic and molecular modeling methods. <i>Luminescence</i> , <b>2016</b> , 31, 88-95	2.5	12
90	Spectroscopic and Microscopic Studies on the Mechanism of Mitochondrial Toxicity Induced by CdTe QDs Modified with Different Ligands. <i>Journal of Membrane Biology</i> , <b>2015</b> , 248, 727-40	2.3	21
89	Molecular interaction investigation between three CdTe:Zn(2+) quantum dots and human serum albumin: A comparative study. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 136, 955-62	6	25
88	Comparison of interactions between human serum albumin and silver nanoparticles of different sizes using spectroscopic methods. <i>Luminescence</i> , <b>2015</b> , 30, 397-404	2.5	37
87	A novel bifunctional mitochondria-targeted anticancer agent with high selectivity for cancer cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 13543	4.9	55
86	Mechanistic studies on the reversible photophysical properties of carbon nanodots at different pH. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 130, 207-14	6	25
85	One-step synthesis of silver nanoparticles using carbon dots as reducing and stabilizing agents and their antibacterial mechanisms. <i>Carbon</i> , <b>2015</b> , 94, 129-141	10.4	87
84	Necrotic cell death induced by the protein-mediated intercellular uptake of CdTe quantum dots. <i>Chemosphere</i> , <b>2015</b> , 135, 240-9	8.4	41
83	Highly Photoluminescent Nitrogen-Doped Carbon Nanodots and Their Protective Effects against Oxidative Stress on Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 28346-52	9.5	68
82	Studies on the isolated mitochondrial damage induced by Ecopheryl succinate and its interactions with human serum albumin. <i>RSC Advances</i> , <b>2014</b> , 4, 3913-3919	3.7	5
81	Investigation of the interaction between quercetin and human serum albumin by multiple spectra, electrochemical impedance spectra and molecular modeling. <i>Luminescence</i> , <b>2014</b> , 29, 1154-61	2.5	16
80	Chiral effect at protein/graphene interface: a bioinspired perspective to understand amyloid formation. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 10736-42	16.4	86



79	Micellization of anionic gemini surfactants and their interaction with polyacrylamide. <i>Colloid and Polymer Science</i> , <b>2014</b> , 292, 2821-2830	2.4	28
78	Three-dimensional periodic supramolecular organic framework ion sponge in water and microcrystals. <i>Nature Communications</i> , <b>2014</b> , 5, 5574	17.4	148
77	Low temperature synthesis of highly stable phosphate functionalized two color carbon nanodots and their application in cell imaging. <i>Carbon</i> , <b>2014</b> , 66, 351-360	10.4	98
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