

## List of Publications by Citations

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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	Study of the interaction between monoammonium glycyrrhizinate and bovine serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2004</b> , 36, 915-9	3.5	550
203	Studies of interaction between colchicine and bovine serum albumin by fluorescence quenching method. <i>Journal of Molecular Structure</i> , <b>2005</b> , 750, 174-178	3.4	388
202	Investigation of the interaction between Berberine and human serum albumin. <i>Biomacromolecules</i> , <b>2009</b> , 10, 517-21	6.9	370
201	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
200	Fluorescence study on the interaction of bovine serum albumin with p-aminoazobenzene. <i>Journal of Fluorescence</i> , <b>2008</b> , 18, 109-18	2.4	309
199	Interaction of malachite green with bovine serum albumin: determination of the binding mechanism and binding site by spectroscopic methods. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 163, 1345-52	12.8	246
198	Spectroscopic studies on the interaction between methylene blue and bovine serum albumin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2006</b> , 179, 324-329	4.7	233
197	Site-selective binding of human serum albumin by palmatine: spectroscopic approach. <i>Biomacromolecules</i> , <b>2010</b> , 11, 106-12	6.9	226
196	Studies on the interaction between 1-hexylcarbamoyl-5-fluorouracil and bovine serum albumin. <i>Journal of Molecular Structure</i> , <b>2005</b> , 738, 143-147	3.4	222
195	Synthesis of a novel hydrazone derivative and biophysical studies of its interactions with bovine serum albumin by spectroscopic, electrochemical, and molecular docking methods. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 14842-53	3.4	210
194	Conformation, thermodynamics and stoichiometry of HSA adsorbed to colloidal CdSe/ZnS quantum dots. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2008</b> , 1784, 1020-7	4	163
193	Three-dimensional periodic supramolecular organic framework ion sponge in water and microcrystals. <i>Nature Communications</i> , <b>2014</b> , 5, 5574	17.4	148
192	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
191	Binding of anti-inflammatory drug cromolyn sodium to bovine serum albumin. <i>International Journal of Biological Macromolecules</i> , <b>2006</b> , 39, 280-5	7.9	107
190	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
189	A reaction-based chromogenic and fluorescent chemodosimeter for fluoride anions. <i>Chemical Communications</i> , <b>2011</b> , 47, 5503-5	5.8	91
188	Interactions between carbon nanodots with human serum albumin and Iglobulins: The effects on the transportation function. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 301, 242-9	12.8	90

187	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
186	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
185	Probing the binding sites and the effect of berbamine on the structure of bovine serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 72, 922-8	4.4	84
184	Spectroscopic studies on the interaction of lanthanum(III) 2-oxo-propionic acid salicyloyl hydrazone complex with bovine serum albumin. <i>Luminescence</i> , <b>2008</b> , 23, 150-6	2.5	80
183	Thermodynamics, conformation and active sites of the binding of Zn-Nd hetero-bimetallic Schiff base to bovine serum albumin. <i>Journal of Fluorescence</i> , <b>2009</b> , 19, 317-26	2.4	72
182	Fluorometric investigation of the interaction between methylene blue and human serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 39, 740-5	3.5	70
181	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
180	The adsorption of an anticancer hydrazone by protein: an unusual static quenching mechanism. <i>RSC Advances</i> , <b>2012</b> , 2, 501-513	3.7	61
179	Toxicity of nano zinc oxide to mitochondria. <i>Toxicology Research</i> , <b>2012</b> , 1, 137	2.6	60
178	Mitochondria as target of quantum dots toxicity. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 194, 440-4	12.8	60
177	Recent Advances in Nanomaterial-Based Nanoplatfoms for Chemodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2100243	15.6	60
176	Spectroscopic studies on the interactions between CdTe quantum dots coated with different ligands and human serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 97, 366-76	4.4	59
175	Studies on the interaction between benzidine and bovine serum albumin by spectroscopic methods. <i>Molecular Biology Reports</i> , <b>2010</b> , 37, 1541-9	2.8	57
174	Interactions of chromium (III) and chromium (VI) with bovine serum albumin studied by UV spectroscopy, circular dichroism, and fluorimetry. <i>Biological Trace Element Research</i> , <b>2009</b> , 130, 172-84	4.5	56
173	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
172	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
171	Systematically investigations of conformation and thermodynamics of HSA adsorbed to different sizes of CdTe quantum dots. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 102, 76-82	6	53
170	Novel dual responsive alginate-based magnetic nanogels for onco-theranostics. <i>Carbohydrate Polymers</i> , <b>2019</b> , 204, 32-41	10.3	51

169	Biophysical studies on the interactions of a classic mitochondrial uncoupler with bovine serum albumin by spectroscopic, isothermal titration calorimetric and molecular modeling methods. <i>Journal of Fluorescence</i> , <b>2011</b> , 21, 475-85	2.4	48
168	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
167	Interaction of colchicine with human serum albumin investigated by spectroscopic methods. <i>International Journal of Biological Macromolecules</i> , <b>2005</b> , 37, 122-6	7.9	47
166	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
165	Spectroscopic studies on the binding of cobalt(II) 1,10-phenanthroline complex to bovine serum albumin. <i>Biological Trace Element Research</i> , <b>2010</b> , 135, 136-52	4.5	43
164	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
163	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
162	Toxicity of polyhydroxylated fullerene to mitochondria. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 301, 119-262.8	6.8	42
161	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
160	Characterization of the interaction between cationic Erbium (III) porphyrin complex with bovine serum albumin. <i>Journal of Molecular Structure</i> , <b>2009</b> , 934, 1-8	3.4	41
159	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
158	Toxicity of CdTe quantum dots on yeast <i>Saccharomyces cerevisiae</i> . <i>Small</i> , <b>2012</b> , 8, 2680-9	11	38
157	Interaction of Human Serum Albumin with Indomethacin: Spectroscopic and Molecular Modeling Studies. <i>Journal of Solution Chemistry</i> , <b>2012</b> , 41, 422-435	1.8	38
156	Interaction between a cationic porphyrin and bovine serum albumin studied by surface plasmon resonance, fluorescence spectroscopy and cyclic voltammetry. <i>Photochemical and Photobiological Sciences</i> , <b>2011</b> , 10, 1110-7	4.2	38
155	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
154	Systematically investigation of interactions between BSA and different charge-capped CdSe/ZnS quantum dots. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2012</b> , 249, 53-60	4.7	37
153	Spectroscopic and microscopic studies on the mechanisms of mitochondrial toxicity induced by different concentrations of cadmium. <i>Journal of Membrane Biology</i> , <b>2011</b> , 241, 39-49	2.3	36
152	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

151	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
150	Synthesis, Characterization, and Photophysical Properties of Some Heterodimetallic Bisporphyrins of Ytterbium and Transition Metals [Enhancement and Lifetime Extension of Yb <sup>3+</sup> Emission by Transition-Metal Porphyrin Sensitization. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 3365-3374	2.3	35
149	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
148	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
147	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
146	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
145	Spectroscopic studies on the interaction of bovine serum albumin with surfactants and apigenin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 94, 357-64	4.4	30
144	Interaction of human serum albumin with 10-hydroxycamptothecin: spectroscopic and molecular modeling studies. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 5115-23	2.8	30
143	Adhesion of quantum dots-induced membrane damage of Escherichia coli. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 389, 61-70	9.3	30
142	Biocompatible AgS quantum dots for highly sensitive detection of copper ions. <i>Analyst, The</i> , <b>2019</b> , 144, 2604-2610	5	29
141	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
140	Studies on the interaction between benzophenone and bovine serum albumin by spectroscopic methods. <i>Molecular Biology Reports</i> , <b>2011</b> , 38, 2445-53	2.8	28
139	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
138	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
137	The standard molar enthalpy of formation, molar heat capacities, and thermal stability of anhydrous caffeine. <i>Journal of Chemical Thermodynamics</i> , <b>2007</b> , 39, 108-114	2.9	27
136	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
135	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
134	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

133	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
132	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
131	An amphiphilic bisporphyrin and its Yb(III) complex: development of a bifunctional photodynamic therapeutic and near-infrared tumor-imaging agent. <i>ChemBioChem</i> , <b>2008</b> , 9, 1034-9	3.8	26
130	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
129	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
128	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
127	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
126	Study on the interaction between Cu phen <sup>2+3</sup> and bovine serum albumin by spectroscopic methods. <i>Biological Trace Element Research</i> , <b>2008</b> , 121, 276-87	4.5	25
125	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
124	Affinity and specificity of ciprofloxacin-bovine serum albumin interactions: spectroscopic approach. <i>Protein Journal</i> , <b>2010</b> , 29, 234-41	3.9	22
123	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
122	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
121	The interactions between CdSe quantum dots and yeast <i>Saccharomyces cerevisiae</i> : adhesion of quantum dots to the cell surface and the protection effect of ZnS shell. <i>Chemosphere</i> , <b>2014</b> , 112, 92-9	8.4	21
120	Mitochondrial permeability transition induced by different concentrations of zinc. <i>Journal of Membrane Biology</i> , <b>2011</b> , 244, 105-12	2.3	21
119	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
118	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
117	Study of caffeine binding to human serum albumin using optical spectroscopic methods. <i>Science in China Series B: Chemistry</i> , <b>2009</b> , 52, 2205-2212		20
116	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



115	AuAg10 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
114	Exploring the mechanism of interaction between sulindac and human serum albumin: Spectroscopic and molecular modeling methods. <i>Journal of Luminescence</i> , <b>2013</b> , 138, 8-14	3.8	19
113	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
112	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
111	Evaluate the potential toxicity of quantum dots on bacterial metabolism by microcalorimetry. <i>Thermochimica Acta</i> , <b>2013</b> , 552, 98-105	2.9	18
110	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
109	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
108	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
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	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
105	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
104	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
103	Impact of CdSe/ZnS quantum dots on the development of zebrafish embryos. <i>Journal of Nanoparticle Research</i> , <b>2011</b> , 13, 6895-6906	2.3	16
102	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
101	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
100	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
99	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
98	Exploring the interaction between rotenone and human serum albumin. <i>Journal of Chemical Thermodynamics</i> , <b>2014</b> , 69, 186-192	2.9	15

97	Cancer-Erythrocyte Hybrid Membrane-Camouflaged Magnetic Nanoparticles with Enhanced Photothermal-Immunotherapy for Ovarian Cancer. <i>ACS Nano</i> , <b>2021</b> ,	16.7	15
96	Conjugated 5-fluorouracil with mitochondria-targeting lipophilic cation: design, synthesis and biological evaluation. <i>MedChemComm</i> , <b>2016</b> , 7, 2016-2019	5	15
95	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
94	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
93	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
92	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
91	Carbon dots reduced and stabilized silver nanoclusters: synthesis and formation mechanisms. <i>RSC Advances</i> , <b>2016</b> , 6, 76989-76995	3.7	13
90	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
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	Systematic investigation of interactions between papain and MPA-capped CdTe quantum dots. <i>Molecular Biology Reports</i> , <b>2013</b> , 40, 5781-9	2.8	11
81	Preparation and biological effect of nucleotide-capped CdSe/ZnS quantum dots on <i>Tetrahymena thermophila</i> . <i>Biological Trace Element Research</i> , <b>2012</b> , 147, 346-53	4.5	11
80	Characterization of the mechanism of the <i>Staphylococcus aureus</i> cell envelope by bacitracin and bacitracin-metal ions. <i>Journal of Membrane Biology</i> , <b>2008</b> , 225, 27-37	2.3	11



79	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
78	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
77	Cubic platinum nanoparticles capped with Cs[closeo-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
76	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
75	Synthesis, characterization, and antitumor properties of Au(i)-thiourea complexes. <i>Metallomics</i> , <b>2020</b> , 12, 104-113	4.5	10
74	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
73	High concentration of gadolinium ion modifying isolated rice mitochondrial biogenesis. <i>Biological Trace Element Research</i> , <b>2013</b> , 156, 308-15	4.5	9
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