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## Study of the interaction between monoammonium glycyrrhizinate and bovine serum albumin

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#	Paper	IF	Citations
569	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
568	Study of the interaction between fluoroquinolones and bovine serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 39, 1046-50	3.5	100
567	Fluorometric investigation of the interaction of bovine serum albumin with surfactants and 6-mercaptopurine. <b>2005</b> , 80, 235-42		110
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564	Interaction of cromolyn sodium with human serum albumin: a fluorescence quenching study. <b>2005</b> , 13, 6609-14		218
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562	Study of the interaction between doxepin hydrochloride and bovine serum albumin by spectroscopic techniques. <i>International Journal of Biological Macromolecules</i> , <b>2006</b> , 39, 234-9	7.9	71
561	Binding of the bioactive component isothipendyl hydrochloride with bovine serum albumin. <i>Journal of Molecular Structure</i> , <b>2006</b> , 786, 46-52	3.4	102
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554	Multi-spectroscopic study on interaction of bovine serum albumin with lomefloxacin-copper(II) complex. <i>International Journal of Biological Macromolecules</i> , <b>2007</b> , 40, 299-304	7.9	102
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280	Interactions in globular proteins with polyampholyte: coacervation route for protein separation. <b>2015</b> , 5, 13579-13589		19
279	Novel rare earth tungstoarsenate heteropolyoxometalates $K_{11}[Ln(AsW_{11}O_{39})_2] \cdot xH_2O$ (Ln = La, Nd, Sm) binding to bovine serum albumin: spectroscopic approach. <b>2015</b> , 163, 275-82		3
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273	Interaction of Globular Plasma Proteins with Water-Soluble CdSe Quantum Dots. <b>2015</b> , 16, 1777-86		8
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271	Spectroscopic studies on interactions of the tetrakis(acetato)chloridodiruthenium(II,III) complex and the Ru <sub>2</sub> (II,III)-NSAID-derived metallodrugs of ibuprofen and ketoprofen with human serum albumin. <i>Journal of Coordination Chemistry</i> , <b>2015</b> , 68, 3209-3228	1.6	12
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268	Binding interaction of sorafenib with bovine serum albumin: Spectroscopic methodologies and molecular docking. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 149, 630-7	4.4	86
267	Investigation of Optical Spectroscopic and Computational Binding Mode of Bovine Serum Albumin with 1, 4-Bis ((4-((4-Heptylpiperazin-1-yl) Methyl)-1H-1, 2, 3-Triazol-1-yl) Methyl) Benzene. <b>2015</b> , 29, 373-81		11
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265	Characterization of the binding of 2-mercaptobenzimidazole to bovine serum albumin. <i>Journal of Molecular Recognition</i> , <b>2015</b> , 28, 232-8	2.6	8

264	Thermodynamic Properties of the Site-selective Binding of a Bromo-hydrazone and Its Unsubstituted Analogue to Human Serum Albumin. <b>2015</b> , 44, 193-205		3
263	Characterization of the interaction of FTO protein with thioglycolic acid capped CdTe quantum dots and its analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 149, 667-73	4-4	7
262	Synthesis, characterization, DNA/BSA interactions and anticancer activity of achiral and chiral copper complexes. <b>2015</b> , 44, 9516-27		40
261	Cytotoxicity and antimicrobial activity of triorganotin(IV) complexes of phenylcyanamide prepared by sonochemical synthesis. <b>2015</b> , 438, 94-104		15
260	A Fluorescence Quenching Study of the Interaction of Nebivolol Hydrochloride with Bovine and Human Serum Albumin. <b>2015</b> , 82, 620-627		2
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256	βactoglobulin mutation Ala86Gln improves its ligand binding and reduces its immunoreactivity. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 81, 340-8	7.9	10
255	βactoglobulin mutant Lys69Asn has attenuated IgE and increased retinol binding activity. <b>2015</b> , 212, 181-8		10
254	Nickel(II) and cobalt(II) complexes of lidocaine: Synthesis, structure and comparative in vitro evaluations of biological perspectives. <b>2015</b> , 103, 516-29		42
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252	Study of the interaction between two newly synthesized cyclometallated platinum (II) complexes and human serum albumin: Spectroscopic characterization and docking simulation. <b>2015</b> , 159, 139-146		28
251	Study on the synthesis of sulfonamide derivatives and their interaction with bovine serum albumin. <i>Luminescence</i> , <b>2015</b> , 30, 269-79	2.5	15
250	Preparation of carbon quantum dots based on starch and their spectral properties. <i>Luminescence</i> , <b>2015</b> , 30, 388-92	2.5	36
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248	Spectroscopic investigation on the interaction of some polymer βobalt(III) complexes with serum albumins. <b>2015</b> , 157, 297-302		46
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245	Investigation on the Interaction of Norgestrel with Human Serum Albumin Using Spectroscopy and Molecular-Docking Method. <b>2016</b> , 30, 287-94		8
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243	Investigation on the interaction between isorhamnetin and bovine liver catalase by spectroscopic techniques under different pH conditions. <i>Luminescence</i> , <b>2016</b> , 31, 1130-7	2.5	3
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238	Differential mode of interaction of Thioflavin T with native $\beta$ -structural motif in human $\beta$ -acid glycoprotein and cross beta sheet of its amyloid: Biophysical and molecular docking approach. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1117, 208-217	3.4	23
237	A comparative binding mechanism between human serum albumin and $\beta$ -acid glycoprotein with corilagin: biophysical and computational approach. <b>2016</b> , 6, 40225-40237		34
236	Water-soluble gold nanoclusters prepared by protein-ligand interaction as fluorescent probe for real-time assay of pyrophosphatase activity. <b>2016</b> , 83, 1-8		60
235	Interaction of Hydralazine with Human Serum Albumin and Effect of $\beta$ -Cyclodextrin on Binding: Insights from Spectroscopic and Molecular Docking Techniques. <b>2016</b> , 55, 5454-5464		53
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228	Spectroscopic investigations on the interaction of biologically active 4-aryloxymethyl coumarins with TiO <sub>2</sub> nanoparticles. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 222, 601-608	6	14
227	Study on the Mechanism of Interaction between Phthalate Acid Esters and Bovine Hemoglobin. <b>2016</b> , 64, 6035-41		39
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218	Urea-induced binding between diclofenac sodium and bovine serum albumin: a spectroscopic insight. <i>Luminescence</i> , <b>2016</b> , 31, 945-51	2.5	21
217	Biomolecular interaction study of hydralazine with bovine serum albumin and effect of Cyclodextrin on binding by fluorescence, 3D, synchronous, CD, and Raman spectroscopic methods. <i>Journal of Molecular Recognition</i> , <b>2016</b> , 29, 308-17	2.6	9
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211	Interaction between carisoprodol and bovine serum albumin and effect of Cyclodextrin on binding: insights from molecular docking and spectroscopic techniques. <b>2016</b> , 6, 63463-63471		17

210	Apoptosis, autophagy, cell cycle arrest, cell invasion and BSA-binding studies in vitro of ruthenium(II) polypyridyl complexes. <b>2016</b> , 6, 63143-63155		21
209	Interaction of Lysozyme with Rhodamine B: A combined analysis of spectroscopic & molecular docking. <b>2016</b> , 162, 248-257		46
208	Influence of silver nanoparticles on spectroscopic properties of biologically active iodinated 4-aryloxymethyl coumarin dyes. <b>2016</b> , 172, 139-146		12
207	A mononuclear nickel(II) complex based on polypyridyl ligand: synthesis, characterization, and biological activity. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 475-484	1.6	2
206	Existence of hydroxylated MWCNTs demotes the catalysis effect of amylases against starch degradation. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 86, 250-61	7.9	6
205	Synthesis, characterization, DNA/protein interaction and cytotoxicity studies of Cu(II) and Co(II) complexes derived from dipyrindyl triazole ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 163, 28-44	4.4	15
204	Protein binding and anticancer activity studies of ruthenium(II) polypyridyl complexes toward BEL-7402 cells. <b>2016</b> , 158, 39-48		23
203	Comparative study of the binding between FTO protein and five pyrazole derivatives by spectrofluorimetry. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 218, 156-165	6	15
202	A label-free aptasensor for turn-on fluorescent detection of ATP based on AIE-active probe and water-soluble carbon nanotubes. <b>2016</b> , 230, 556-558		55
201	Binding of carvedilol to serum albumins investigated by multi-spectroscopic and molecular modeling methods. <b>2016</b> , 176, 149-158		23
200	Determination of hypochlorite by quenching the fluorescence of 1-pyrenylboronic acid in tap water. <b>2016</b> , 6, 3393-3398		9
199	Hot injection versus room temperature synthesis of CdSe quantum dots: A differential spectroscopic and bioanalyte sensing efficacy evaluation. <b>2016</b> , 494, 162-169		30
198	Investigation of binding mechanism of novel 8-substituted coumarin derivatives with human serum albumin and $\beta$ -glycoprotein. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2016</b> , 34, 2023-36	3.6	18
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194	Interaction of almond cystatin with pesticides: Structural and functional analysis. <i>Journal of Molecular Recognition</i> , <b>2017</b> , 30, e2586	2.6	2
193	Synthesis, Characterization and Luminescence Sensitivity with Variance in pH, DNA and BSA Binding Studies of Ru(II) Polypyridyl Complexes. <i>Journal of Fluorescence</i> , <b>2017</b> , 27, 939-952	2.4	6

192	Spectroscopic interactions of titanium dioxide nanoparticles with pharmacologically active 3(2H)-pyridazinone derivative. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 233, 166-172	6	11
191	Effects of plant extract aurantio-obtusin on pepsin structure: Spectroscopic characterization and docking simulation. <b>2017</b> , 187, 333-339		41
190	Detailed investigation of effects of Zn <sup>2+</sup> , Fe <sup>2+</sup> and Cu <sup>2+</sup> metal ions on the binding interaction between eletriptan hydrochloride an anti-migraine headache drug and bovine serum albumin by various spectrometric techniques and molecular docking studies. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 237, 23-37	6	3
189	Interaction of Aldehyde dehydrogenase with acetaminophen as examined by spectroscopies and molecular docking. <b>2017</b> , 10, 198-207		5
188	Spectroscopy study of the interaction between endocrine disruptor 4-OH-2,2',3,4'-BDE and human serum albumin. <b>2017</b> , 9, 3338-3346		2
187	Ruthenium(II) complexes of saccharin with dipyridoquinoxaline and dipyrindophenazine: Structures, biological interactions and photoinduced DNA damage activity. <b>2017</b> , 136, 52-62		29
186	An Investigation on intermolecular interaction between Bis(indolyl)methane and HSA and BSA using multi technique methods. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2017</b> , 35, 3615-3626	3.6	17
185	DNA/BSA-binding property and in vitro anticancer activity of a new dicopper(II) complex with N-(2-hydroxy-5-nitrophenyl)-N'-[3-(diethylamino)propyl]oxamide as bridging ligand: Synthesis and crystal structure. <i>Applied Organometallic Chemistry</i> , <b>2017</b> , 31, e3835	3.1	0
184	Investigation of the interaction between FTO and 3-substituted 2-aminochromones by spectroscopy and molecular modeling. <i>Medicinal Chemistry Research</i> , <b>2017</b> , 26, 1349-1358	2.2	9
183	A novel fluorescent probe based on EC-glycoside for quantification of bovine serum albumin. <b>2017</b> , 139, 334-343		14
182	Investigation of binding behaviour of procainamide hydrochloride with human serum albumin using synchronous, 3D fluorescence and circular dichroism. <b>2017</b> , 7, 103-109		24
181	Substitutional impact on biological activity of new water soluble Ni(II) complexes: Preparation, spectral characterization, X-ray crystallography, DNA/protein binding, antibacterial activity and in vitro cytotoxicity. <b>2017</b> , 167, 45-57		17
180	Synthesis, crystal structure, stability studies, DNA/albumin interactions, and antimicrobial activities of two Cu(II) complexes with amino acids and 5-nitro-1,10-phenanthroline. <i>Journal of Coordination Chemistry</i> , <b>2017</b> , 70, 512-543	1.6	25
179	Formation of complexes between tannic acid with bovine serum albumin, egg ovalbumin and bovine beta-lactoglobulin. <b>2017</b> , 102, 195-202		54
178	Impact of multiple quaternary ammonium salts on dynamic properties of BSA adsorption layer at different pH values. <b>2017</b> , 13, 7273-7282		4
177	Ni(II) and Co(II) complexes of an asymmetrical aroylhydrazone: synthesis, molecular structures, DNA binding, protein interaction, radical scavenging and cytotoxic activity. <b>2017</b> , 7, 41527-41539		46
176	Unpredicted formation of copper(II) complexes containing 2-thiophen-2-yl-1-thiophen-2-ylmethyl-1H-benzimidazole and their most promising in vitro cytotoxicity in MCF-7 and HeLa cell lines over cisplatin. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 8885-8898	3.6	15
175	Structurally different mono-, bi- and trinuclear Pd(II) complexes and their DNA/protein interaction, DNA cleavage, and anti-oxidant, anti-microbial and cytotoxic studies. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 10324-10338	3.6	19

174	One-pot synthesis of Claisen-Schmidt reaction through (E)-chalcone derivatives: Spectral studies in human serum albumin protein binding and molecular docking investigation. <b>2017</b> , 47, 1884-1904		5
173	Competitive binding affinity of two lanthanum(III) macrocycle complexes toward DNA and bovine serum albumin in water. <i>Journal of the Iranian Chemical Society</i> , <b>2017</b> , 14, 2367-2385	2	10
172	Interactions with Biomolecules and Applications to Biology. <b>2017</b> , 69-98		
171	Synthesis, Spectral Characterization, DNA/ Protein Binding, DNA Cleavage, Cytotoxicity, Antioxidative and Molecular Docking Studies of Cu(II)Complexes Containing Schiff Base-bpy/Phen Ligands. <i>Journal of Fluorescence</i> , <b>2017</b> , 27, 953-965	2.4	8
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169	In situ synthesis, characterization, bovine serum albumin (BSA) binding studies of Fe(II)/Co(II)/Ni(II) complexes derived from a new double bis-triazole macrocyclic ligand. <i>Journal of Coordination Chemistry</i> , <b>2017</b> , 70, 2453-2462	1.6	1
168	Interaction and energy transfer studies between bovine serum albumin and CdTe quantum dots conjugates: CdTe QDs as energy acceptor probes. <i>Luminescence</i> , <b>2017</b> , 32, 631-639	2.5	4
167	Synthesis and crystal structures of novel copper(II) complexes with glycine and substituted phenanthrolines: reactivity towards DNA/BSA and in vitro cytotoxic and antimicrobial evaluation. <b>2017</b> , 22, 61-85		45
166	Improving the water solubility of Monascus pigments under acidic conditions with gum arabic. <b>2017</b> , 97, 2926-2933		10
165	Biophysical influence of coumarin 35 on bovine serum albumin: Spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 171, 90-96	4.4	19
164	Spectroscopic exploration and thermodynamic characterization of desvenlafaxine interacting with fluorescent bovine serum albumin. <i>Journal of Molecular Recognition</i> , <b>2017</b> , 30, e2567	2.6	4
163	Assessment of the interaction procedure between Pt(IV) prodrug [Pt(5,5'-dmbpy)Cl] and human serum albumin: Combination of spectroscopic and molecular modeling technique. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2017</b> , 35, 3098-3106	3.6	22
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161	Multi-spectroscopic characterization of bovine serum albumin upon interaction with atomoxetine. <b>2017</b> , 7, 148-155		65
160	Protein interactions with silver nanoparticles: Green synthesis, and biophysical approach. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 95, 421-428	7.9	24
159	Biological evaluation of organometallic palladium(II) complexes containing 4-hydroxybenzoic acid (3-ethoxy-2-hydroxybenzylidene)hydrazide: Synthesis, structure, DNA/protein binding, antioxidant activity and cytotoxicity. <i>Applied Organometallic Chemistry</i> , <b>2017</b> , 31, e3599	3.1	8
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157	Study of the Interactions of Bovine Serum Albumin with the New Anti-Inflammatory Agent 4-(1,3-Dioxo-1,3-dihydro-2H-isoindol-2-yl)-N'-[(4-ethoxy-phenyl)methylidene]benzohydrazide Using a Multi-Spectroscopic Approach and Molecular Docking. <b>2017</b> , 22,		41

156	Ni(II) Complexes with Schiff Base Ligands: Preparation, Characterization, DNA/Protein Interaction and Cytotoxicity Studies. <b>2017</b> , 22,		23
155	Spectrophotometric and molecular modelling studies on in vitro interaction of tyrosine kinase inhibitor linifanib with bovine serum albumin. <b>2017</b> , 12, e0176015		46
154	Study of binding interaction of rivaroxaban with bovine serum albumin using multi-spectroscopic and molecular docking approach. <b>2017</b> , 11, 134		36
153	Exploring the Binding Mechanism of Flavonoid Quercetin to Phospholipase A2: Fluorescence Spectroscopy and Computational Approach. <b>2017</b> , 07,		6
152	Synthesis and characterization of new unsymmetrical Schiff base Zn (II) and Co (II) complexes and study of their interactions with bovin serum albumin and DNA by spectroscopic techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 198, 38-50	4.4	31
151	Variable selection based on clustering analysis for improvement of polyphenols prediction in green tea using synchronous fluorescence spectra. <b>2018</b> , 6, 025006		
150	Characterization of the interaction between human serum albumin and diazinon via spectroscopic and molecular docking methods. <b>2018</b> , 37, 959-971		8
149	Selected ferrocenyl chalcones as DNA/BSA-interacting agents and inhibitors of DNA topoisomerase I and II activity. <b>2018</b> , 861, 1-9		7
148	Newly synthesized Cu(II) pyrazino[2,3-f][1,10]phenanthroline complexes as potential anticancer candidates. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4309	3.1	18
147	Experimental and computational studies on the binding of diazinon to human serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2018</b> , 36, 1490-1510	3.6	36
146	Effect of Plasmonic Silver Nanoparticles Size on Photophysical Characteristics of 4-Aryloxymethyl Coumarins. <b>2018</b> , 13, 315-325		3
145	Synthesis and characterization of two new trans palladium (II) complexes containing benzylamine ligand: DNA/BSA interactions, molecular docking and in vitro cytotoxic activity. <b>2018</b> , 471, 797-807		31
144	Spectroscopic investigation of Bovine Liver Catalase interactions with a novel phen-imidazole derivative of platinum. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2018</b> , 36, 656-662	3.6	14
143	Structural insights into the binding mode and conformational changes of BSA induced by bixin and crocin. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2018</b> , 36, 2085-2098	3.6	10
142	Investigating the site selective binding of busulfan to human serum albumin: Biophysical and molecular docking approaches. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 107, 1414-1421	7.9	58
141	Synthesis, spectroscopic characterization and in vitro cytotoxicities of new organometallic palladium complexes with biologically active $\beta$ -diketones; Biological evaluation probing of the interaction mechanism with DNA/Protein and molecular docking. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1154, 480-495	3.4	16
140	Self-assembled nanosensor based on squaraine dye for specific recognition and detection of human serum albumin. <b>2018</b> , 255, 977-985		20
139	A saccharinate-bridged palladacyclic dimer with a PdPd bond: experimental and molecular docking studies of the interaction with DNA and BSA and in vitro cytotoxicity against human cancer cell lines. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 574-586	3.6	21

138	Enhancement of intrinsic fluorescence of human carbonic anhydrase II upon topiramate binding: Some evidence for drug-induced molecular contraction of the protein. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 108, 240-249	7.9	10
137	Fluorescence Investigations on Interactions between 7,8-benzo-4-azidomethyl Coumarin and Ortho- and Para-phenylenediamines in Binary Solvent Mixtures of THF and Water. <i>Journal of Fluorescence</i> , <b>2018</b> , 28, 359-372	2.4	3
136	New Ru(II) complexes containing tris(2-pyridylmethyl)amine. Synthesis, structural, CT-DNA/albumin interaction, anti-oxidant and cytotoxicity studies. <b>2018</b> , 471, 724-734		10
135	Kinetic and thermodynamic studies of bovine serum albumin interaction with ascorbyl palmitate and ascorbyl stearate food additives using surface plasmon resonance. <i>Food Chemistry</i> , <b>2018</b> , 246, 228-232	8.5	56
134	New binary copper(II) complexes containing intercalating ligands: DNA interactions, an unusual static quenching mechanism of BSA and cytotoxic activities. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2018</b> , 36, 3878-3901	3.6	12
133	A Novel Sensing Chip for Probing Chlorine Permeation into Simulated Produce Cracks. <b>2018</b> , 5, 1800119		1
132	Protein-Bound Freestanding 2D Metal Film for Stealth Information Transmission. <b>2019</b> , 31, e1803377		32
131	Multi-spectroscopic studies on the interaction between traditional Chinese herb, helicid with pepsin. <b>2018</b> , 45, 1637-1646		7
130	Label-Free Aptamer-Based Biosensor for Specific Detection of Chloramphenicol Using AIE Probe and Graphene Oxide. <b>2018</b> , 3, 12886-12892		39
129	Binding mechanism of lipase to Ligupurpuroside B extracted from Ku-Ding tea as studied by multi-spectroscopic and molecular docking methods. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 120, 1345-1352	7.9	13
128	Characterisation and structure analysis of taxanes-loaded human serum albumin nanoparticles prepared by self-assembly method. <b>2018</b> , 13, 1057-1062		
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126	Synthesis and characterization of planar chiral cyclopalladated ferrocenylienes: DNA/HSA interactions and in vitro cytotoxic activity. <b>2018</b> , 871, 1-9		12
125	Insight into the interaction of human serum albumin with folic acid: A biophysical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 204, 648-656	4.4	21
124	Analysis of the interaction mechanism of Anthocyanins ( <i>Aronia melanocarpa</i> Elliot) with $\beta$ -casein. <i>Food Hydrocolloids</i> , <b>2018</b> , 84, 276-281	10.6	38
123	Study of Interactions of an Anticancer Drug Neratinib With Bovine Serum Albumin: Spectroscopic and Molecular Docking Approach. <b>2018</b> , 6, 47		53
122	Probing the binding of phenolic aldehyde vanillin with bovine serum albumin: Evidence from spectroscopic and docking approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 203, 40-47	4.4	38
121	A Label-free Fluorescent Aptasensor for Turn-on Monitoring Ochratoxin A Based on AIE-active Probe and Graphene Oxide. <b>2018</b> , 34, 363-368		15

120	Evaluation of anthocyanins in Aronia melanocarpa/BSA binding by spectroscopic studies. <b>2018</b> , 8, 72		9
119	Bio-conjugation of curcumin with self-assembled casein nanostructure via surface loading enhances its bioactivity: An efficient therapeutic system. <b>2018</b> , 462, 316-329		16
118	Exploring the interaction of anti-androgen drug-bicalutamide with human alpha-2-macroglobulin: A biophysical investigation. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 120, 2285-2292	7.9	9
117	Understanding fluorescence resonance energy transfer between biologically active coumarin derivative and silver nanoparticles using steady state and time resolved spectroscopic methods. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 269, 381-386	6	9
116	How a promising anti-cancer derivative of palladium consisting phen-imidazole ligand affects bovine liver catalase functionality. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 364, 288-296	4.7	9
115	Domain-Specific Association of a Phenanthrene-Pyrene-Based Synthetic Fluorescent Probe with Bovine Serum Albumin: Spectroscopic and Molecular Docking Analysis. <b>2018</b> , 3, 6293-6304		32
114	Insights into the interaction of ulipristal acetate and human serum albumin using multi-spectroscopic methods, molecular docking, and dynamic simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2019</b> , 37, 2989-2998	3.6	13
113	Exploring the influence of silver nanoparticles on the mechanism of fluorescence quenching of coumarin dye using FRET. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 292, 111419	6	7
112	Effect of stereo electronic factors of coumarin derivatives during their interaction with TiO <sub>2</sub> nanoparticles. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 291, 111266	6	3
111	Interactions between tetracycline and extracellular polymeric substances in anammox granular sludge. <b>2019</b> , 293, 122069		10
110	Baicalein suppresses Repeat Tau fibrillization by sequestering oligomers. <b>2019</b> , 675, 108119		27
109	Design, synthesis and biological evaluation of iridium(III) complexes as potential antitumor agents. <b>2019</b> , 201, 110822		19
108	One-pot synthesis of new water-soluble binuclear octahedral Ni(II) and mononuclear Ru(II) carbonyl complexes containing 2,6 pyridine dicarboxylic acid. <b>2019</b> , 131, 1		1
107	Understanding the binding interaction between methotrexate and human alpha-2-macroglobulin: Multi-spectroscopic and computational investigation. <b>2019</b> , 675, 108118		4
106	Warfarin increases thermal resistance of albumin through stabilization of the protein lobe that includes its binding site. <b>2019</b> , 676, 108123		7
105	Avidin-adsorbed peptide/calcium phosphate composites exhibiting high biotin-binding activity. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 427-435	3.6	6
104	Synthesis and crystal structure of bicopper(II) complexes: The influence of bridging ligands on DNA/BSA binding behaviors and in vitro antitumor activity. <b>2019</b> , 488, 219-228		7
103	Interaction Mechanism of Different Surfactants with Casein: A Perspective on Bulk and Interfacial Phase Behavior. <b>2019</b> , 67, 6336-6349		7

102	Spectroscopic methodologies and molecular docking studies on the interaction of antimalarial drug piperazine and its metabolites with human serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 222, 117158	4.4	12
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100	A facile preparation of cotton fabric containing hybrid poly(sodium methacrylate)/silver nanoparticles for oil removal and water disinfection. <b>2019</b> , 89, 5096-5107		2
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94	Synthesis, Characterization of a Baicalin-Strontium(II) Complex and Its BSA-Binding Activity. <b>2019</b> , 4, 13079-13088		1
93	Effect of alkyl distribution in pyrazine on pyrazine flavor release in bovine serum albumin solution.. <b>2019</b> , 9, 36951-36959		7
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87	Interaction of noscapine with human serum albumin (HSA): A spectroscopic and molecular modelling approach. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 372, 168-176	4.7	18
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14	Aminoglycoside antibiotic kanamycin functionalized tetraphenylethylene molecular probe for highly selective detection of bovine serum albumin protein. <i>Scientific Reports</i> , <b>2022</b> , 12,	4.9	1
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11	Removal of tetracycline by biochar-supported biogenetic sulfidated zero valent iron: Kinetics, pathways and mechanism. <b>2022</b> , 225, 119168	○
10	Natural Coatings and Surface Modifications on Magnesium Alloys for Biomedical Applications. <b>2022</b> , 14, 5297	1
9	Decoding the binding interaction of steroidal pyridines with bovine serum albumin using spectroscopic and molecular docking techniques. <b>2022</b> , 109156	○
8	Evaluation the binding of chlorogenic acid with bovine serum albumin: Spectroscopic methods, electrochemical and molecular docking. <b>2023</b> , 291, 122289	1
7	New palladium(II) and platinum(II) complexes with ONS donor azo-thioether pincer ligand: Synthesis, characterization, protein binding study and in vitro cytotoxicity.	○
6	Investigation of hexacyanoferrate(II)/(III) charge-dependent interactions with bovine and human serum albumins. <b>2023</b> , 293, 122505	○
5	Water-induced fluorescence turn-on imidazole derivative and its interaction with bovine serum albumin. <b>2023</b> , 1282, 135158	○
4	Recent Development of Copper (II) Complexes of Polypyridyl Ligands in Chemotherapy and Photodynamic Therapy. <b>2023</b> , 18,	○
3	Study of cytotoxicity on cell line of A549 and DNA/BSA binding of Cu (II) complexes of Schiff bases bearing pyrrole. <b>2023</b> ,	○
2	Protein binding studies and antioxidant activities of two mononuclear dioxomolybdenum(VI) complexes with 2-(3-methyl-5-phenyl pyrazol-1-yl) benzthiazole. 1-16	○
1	A whole cell fluorescence quenching-based approach for the investigation of polyethyleneimine functionalized silver nanoparticles interaction with <i>Candida albicans</i> . 14,	○