

Jamshidkhan Chamani

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

5,546
citations

28190

55
h-index

88477

70
g-index

113
all docs

113
docs citations

113
times ranked

3772
citing authors

#	ARTICLE	IF	CITATIONS
1	Oil-in-water nanoemulsions comprising Berberine in olive oil: biological activities, binding mechanisms to human serum albumin or holo-transferrin and QMMD simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1029-1043.	2.0	194
2	A novel antioxidant and antimicrobial peptide from hen egg white lysozyme hydrolysates. <i>Journal of Functional Foods</i> , 2012, 4, 278-286.	1.6	162
3	Investigation on the interaction between tamoxifen and human holo-transferrin: Determination of the binding mechanism by fluorescence quenching, resonance light scattering and circular dichroism methods. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 558-569.	3.6	152
4	Probing the Interaction of Human Serum Albumin with Ciprofloxacin in the Presence of Silver Nanoparticles of Three Sizes: Multispectroscopic and ζ Potential Investigation. <i>Journal of Physical Chemistry B</i> , 2012, 116, 1951-1964.	1.2	109
5	Binding site identification of metformin to human serum albumin and glycated human serum albumin by spectroscopic and molecular modeling techniques: a comparison study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 513-533.	2.0	107
6	A novel thermostable, acidophilic α -amylase from a new thermophilic <i>Bacillus</i> sp. <i>Ferdowsicus</i> isolated from Ferdows hot mineral spring in Iran: Purification and biochemical characterization. <i>International Journal of Biological Macromolecules</i> , 2010, 46, 289-297.	3.6	105
7	Novel perspective into the interaction behavior study of the cyanidin with human serum albumin-holo transferrin complex: Spectroscopic, calorimetric and molecular modeling approaches. <i>Journal of Molecular Liquids</i> , 2022, 356, 119042.	2.3	101
8	Use of spectroscopic and zeta potential techniques to study the interaction between lysozyme and curcumin in the presence of silver nanoparticles at different sizes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2030-2040.	2.0	94
9	Multi-spectroscopic and molecular modeling studies of interaction between two different angiotensin I converting enzyme inhibitory peptides from gluten hydrolysate and human serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 3648-3662.	2.0	93
10	Probing the binding of lomefloxacin to a calf thymus DNA-histone H1 complex by multi-spectroscopic and molecular modeling techniques. <i>Journal of Molecular Liquids</i> , 2018, 256, 127-138.	2.3	93
11	Characterization of the structural changes of human serum albumin upon interaction with single-walled and multi-walled carbon nanotubes: spectroscopic and molecular modeling approaches. <i>Research on Chemical Intermediates</i> , 2019, 45, 401-423.	1.3	88
12	Multi-spectroscopic and molecular modeling studies to reveal the interaction between propyl acridone and calf thymus DNA in the presence of histone H1: binary and ternary approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 359-371.	2.0	87
13	New insights into the binding behavior of lomefloxacin and human hemoglobin using biophysical techniques: binary and ternary approaches. <i>New Journal of Chemistry</i> , 2019, 43, 8132-8145.	1.4	86
14	Probing the interaction of lysozyme with ciprofloxacin in the presence of different-sized Ag nano-particles by multispectroscopic techniques and isothermal titration calorimetry. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 613-629.	2.0	83
15	Study on effect of lomefloxacin on human holo-transferrin in the presence of essential and nonessential amino acids: Spectroscopic and molecular modeling approaches. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 688-699.	3.6	83
16	Isothermal titration calorimetry and stopped flow circular dichroism investigations of the interaction between lomefloxacin and human serum albumin in the presence of amino acids. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2265-2282.	2.0	83
17	Evaluation of the binding effect and cytotoxicity assay of 2-(4-methylphenyl) pyramido pyrazole ophthalazine trione on calf thymus DNA: spectroscopic, calorimetric, and molecular dynamics approaches. <i>Luminescence</i> , 2022, 37, 310-322.	1.5	83
18	A comparison study of the interaction between β -lactoglobulin and retinol at two different conditions: spectroscopic and molecular modeling approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 1880-1898.	2.0	82

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19	An antioxidant peptide derived from Ostrich (<i>Struthio camelus</i>) egg white protein hydrolysates. <i>Food Research International</i> , 2012, 49, 105-111.	2.9	80
20	Multi-spectroscopic and HPLC Studies of the Interaction Between Estradiol and Cyclophosphamide With Human Serum Albumin: Binary and Ternary Systems. <i>Journal of Solution Chemistry</i> , 2017, 46, 488-504.	0.6	79
21	Structural changes in β -lactoglobulin by conjugation with three different kinds of carboxymethyl cyclodextrins. <i>Thermochimica Acta</i> , 2005, 432, 106-111.	1.2	78
22	Study of the interaction between DNP and DIDS with human hemoglobin as binary and ternary systems: spectroscopic and molecular modeling investigation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 57-77.	2.0	78
23	Formation of the Molten Globule-Like State of Cytochrome c Induced by n-Alkyl Sulfates at Low Concentrations. <i>Journal of Biochemistry</i> , 2003, 133, 93-102.	0.9	77
24	Interaction between holo transferrin and HSA α -PPIX complex in the presence of lomefloxacin: An evaluation of PPIX aggregation in protein α -protein interactions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 1089-1100.	2.0	77
25	A novel view of the separate and simultaneous binding effects of docetaxel and anastrozole with calf thymus DNA: Experimental and in silico approaches. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117528.	2.0	77
26	Probing the Interaction of Human Serum Albumin With Bilirubin in the Presence of Aspirin by Multi-Spectroscopic, Molecular Modeling and Zeta Potential Techniques: Insight on Binary and Ternary Systems. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 29, 1013-1050.	2.0	76
27	Determining the binding site and binding affinity of estradiol to human serum albumin and holo-transferrin: fluorescence spectroscopic, isothermal titration calorimetry and molecular modeling approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1747-1763.	2.0	76
28	Probing the Interaction of Human Serum Albumin with Norfloxacin in the Presence of High-Frequency Electromagnetic Fields: Fluorescence Spectroscopy and Circular Dichroism Investigations. <i>Molecules</i> , 2011, 16, 9792-9818.	1.7	75
29	Investigation of the Interaction Between Human Serum Albumin and Two Drugs as Binary and Ternary Systems. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 705-721.	0.6	75
30	Determining the Interaction Behavior of Calf Thymus DNA with Anastrozole in the Presence of Histone H1: Spectroscopies and Cell Viability of MCF-7 Cell Line Investigations. <i>DNA and Cell Biology</i> , 2021, 40, 1039-1051.	0.9	75
31	Investigation on the Interaction between Cyclophosphamide and Lysozyme in the Presence of Three Different Kind of Cyclodextrins: Determination of the Binding Mechanism by Spectroscopic and Molecular Modeling Techniques. <i>Molecules</i> , 2013, 18, 789-813.	1.7	74
32	A comparison investigation of DNP-binding effects to HSA and HTF by spectroscopic and molecular modeling techniques. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 1936-1952.	2.0	74
33	Analysis of the interaction behavior between Nano-Curcumin and two human serum proteins: combining spectroscopy and molecular stimulation to understand protein-protein interaction. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1-20.	2.0	73
34	Effect of n-alkyl trimethylammonium bromides on folding and stability of alkaline and acid-denatured cytochrome c: A spectroscopic approach. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 561-569.	5.0	72
35	Energetic domains analysis of bovine β -lactalbumin upon interaction with copper and dodecyl trimethylammonium bromide. <i>Journal of Molecular Structure</i> , 2010, 979, 227-234.	1.8	71
36	Investigations with Spectroscopy, Zeta Potential and Molecular Modeling of the Non-Cooperative Behaviour Between Cyclophosphamide Hydrochloride and Aspirin upon Interaction with Human Serum Albumin: Binary and Ternary Systems from the View Point of Multi-Drug Therapy. <i>Journal of Biomolecular Structure and Dynamics</i> , 2011, 29, 181-206.	2.0	70

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37	Comparison of the binding behavior of FCCP with HSA and HTF as determined by spectroscopic and molecular modeling techniques. <i>Luminescence</i> , 2014, 29, 314-331.	1.5	69
38	Electrochemical evidence for the molten globule states of cytochrome c induced by N-alkyl sulfates at low concentrations. <i>The Protein Journal</i> , 2003, 22, 23-30.	1.1	68
39	Comparison of the conformational stability of the non-native β -helical intermediate of thiol-modified β -lactoglobulin upon interaction with sodium n-alkyl sulfates at two different pH. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 636-646.	5.0	68
40	Characterization of the interaction between human lactoferrin and lomefloxacin at physiological condition: Multi-spectroscopic and modeling description. <i>Journal of Luminescence</i> , 2010, 130, 1160-1168.	1.5	68
41	Studies on the Antagonistic Behavior Between Cyclophosphamide Hydrochloride and Aspirin with Human Serum Albumin: Time-Resolved Fluorescence Spectroscopy and Isothermal Titration Calorimetry. <i>Journal of Solution Chemistry</i> , 2013, 42, 1005-1017.	0.6	68
42	Changes in binding affinity between ofloxacin and calf thymus DNA in the presence of histone H1: Spectroscopic and molecular modeling investigations. <i>Journal of Luminescence</i> , 2018, 203, 599-608.	1.5	68
43	Lomefloxacin promotes the interaction between human serum albumin and transferrin: A mechanistic insight into the emergence of antibiotic's side effects. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 114-124.	1.4	65
44	Use of Spectroscopic, Zeta Potential and Molecular Dynamic Techniques to Study the Interaction between Human Holo-Transferrin and Two Antagonist Drugs: Comparison of Binary and Ternary Systems. <i>Molecules</i> , 2012, 17, 3114-3147.	1.7	65
45	Separate and simultaneous binding effects through a non-cooperative behavior between cyclophosphamide hydrochloride and fluoxymesterone upon interaction with human serum albumin: Multi-spectroscopic and molecular modeling approaches. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 88, 177-191.	2.0	65
46	Determination of LMF Binding Site on a HSA-PPIX Complex in the Presence of Human Holo Transferrin from the Viewpoint of Drug Loading on Proteins. <i>PLoS ONE</i> , 2014, 9, e84045.	1.1	65
47	Microcalorimetry, energetics and binding studies of DNA-dimethyltin dichloride complexes. <i>Thermochimica Acta</i> , 2004, 414, 233-241.	1.2	64
48	Multi-spectroscopic Investigations of Aspirin and Colchicine Interactions with Human Hemoglobin: Binary and Ternary Systems. <i>Journal of Solution Chemistry</i> , 2011, 40, 1905-1931.	0.6	64
49	Separate and simultaneous binding effects of aspirin and amlodipine to human serum albumin based on fluorescence spectroscopic and molecular modeling characterizations: A mechanistic insight for determining usage drugs doses. <i>Journal of Luminescence</i> , 2011, 131, 1885-1899.	1.5	62
50	Binding Effect of Common Ions to Human Serum Albumin in the Presence of Norfloxacin: Investigation with Spectroscopic and Zeta Potential Approaches. <i>Journal of Solution Chemistry</i> , 2012, 41, 1777-1801.	0.6	62
51	Comparing the Interaction of Cyclophosphamide Monohydrate to Human Serum Albumin as Opposed to Holo-Transferrin by Spectroscopic and Molecular Modeling Methods: Evidence for Allocating the Binding Site. <i>Protein and Peptide Letters</i> , 2010, 17, 1524-1535.	0.4	62
52	Cooperative β -helix formation of β -lactoglobulin induced by sodium n-alkyl sulfates. <i>Journal of Colloid and Interface Science</i> , 2006, 293, 52-60.	5.0	61
53	Characterizing the Binding of Angiotensin Converting Enzyme I Inhibitory Peptide to Human Hemoglobin: Influence of Electromagnetic Fields. <i>Protein and Peptide Letters</i> , 2020, 27, 1007-1021.	0.4	61
54	Identification of a novel angiotensin-I converting enzyme inhibitory peptide from ostrich egg white and studying its interactions with the enzyme. <i>Innovative Food Science and Emerging Technologies</i> , 2013, 18, 212-219.	2.7	60

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55	Calorimetric indication of the molten globule-like state of cytochrome c induced by n-alkyl sulfates at low concentrations. <i>Journal of Chemical Thermodynamics</i> , 2003, 35, 199-207.	1.0	58
56	Mechanism for stabilization of the molten globule state of papain by sodium n-alkyl sulfates: Spectroscopic and calorimetric approaches. <i>Journal of Colloid and Interface Science</i> , 2008, 322, 119-127.	5.0	58
57	Purification and characterisation of angiotensin I converting enzyme inhibitory peptides from lysozyme hydrolysates. <i>Food Chemistry</i> , 2012, 131, 291-295.	4.2	58
58	Design, synthesis, and anticancer activity of phosphonic acid diphosphate derivative of adenine-containing butenolide and its water-soluble derivatives of paclitaxel with high antitumor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 4303-4313.	1.4	56
59	Differential scanning calorimetric study of the molten globule state of cytochrome c induced by sodium n-dodecyl sulfate. <i>Thermochimica Acta</i> , 2004, 409, 137-144.	1.2	53
60	Plant-mediated synthesis of superparamagnetic iron oxide nanoparticles (SPIONs) using aloe vera and flaxseed extracts and evaluation of their cellular toxicities. <i>Ceramics International</i> , 2020, 46, 3051-3058.	2.3	53
61	Identification and characterization of two novel antimicrobial peptides, temporinâ€a and temporinâ€b, from skin secretions of the marsh frog (<i>Rana ridibunda</i>). <i>Journal of Peptide Science</i> , 2012, 18, 10-16.	0.8	45
62	Nanoliposome-mediated targeting of antibodies to tumors: IVIG antibodies as a model. <i>International Journal of Pharmaceutics</i> , 2015, 495, 162-170.	2.6	43
63	Folate targeted PEGylated liposomes for the oral delivery of insulin: In vitro and in vivo studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111203.	2.5	41
64	Preparation, in vitro and in vivo evaluation of PLGA/Chitosan based nano-complex as a novel insulin delivery formulation. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118710.	2.6	33
65	Structure and ACE-Inhibitory Activity of Peptides Derived from Hen Egg White Lysozyme. <i>International Journal of Peptide Research and Therapeutics</i> , 2012, 18, 353-360.	0.9	31
66	Interaction between ropinirole hydrochloride and aspirin with human serum albumin as binary and ternary systems by multi-spectroscopic, molecular modeling and zeta potential. <i>Journal of Luminescence</i> , 2013, 134, 758-771.	1.5	29
67	Studying the interaction between three synthesized heterocyclic sulfonamide compounds with hemoglobin by spectroscopy and molecular modeling techniques. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 3250-3267.	2.0	29
68	Green synthesis of ^{99m} Tc-labeled-Fe ₃ O ₄ nanoparticles using Quince seeds extract and evaluation of their cytotoxicity and biodistribution in rats. <i>Journal of Molecular Structure</i> , 2019, 1196, 394-402.	1.8	27
69	Separate and simultaneous binding of tamoxifen and estradiol to human serum albumin: Spectroscopic and molecular modeling investigations. <i>Journal of Molecular Liquids</i> , 2018, 249, 1083-1096.	2.3	26
70	Bioactive and ACE binding properties of three synthetic peptides assessed by various spectroscopy techniques. <i>Process Biochemistry</i> , 2016, 51, 2067-2075.	1.8	25
71	Improving efficiency of an angiotensin converting enzyme inhibitory peptide as multifunctional peptides. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 3803-3818.	2.0	25
72	A distinct intermediate of RNase A is induced by sodium dodecyl sulfate at its pKa. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005, 43, 150-157.	2.5	23

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73	New insights into alpha-lactalbumin behavior upon interaction with resveratrol and curcumin by spectroscopic and molecular modeling techniques: binary and ternary system comparison. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1311-1326.	1.2	23
74	<p>>Nano-curcumin&rsquo;s suppression of breast cancer cells (MCF7) through the inhibition of cyclinD1 expression</p><p>>. <i>Breast Cancer: Targets and Therapy</i> , 2019, Volume 11, 137-142.	1.0	22
75	Dmap-Catalyzed Synthesis of Novel Pyrrolo[2,3-D]Pyrimidine Derivatives Bearing an Aromatic Sulfonamide Moiety. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 839-848.	0.8	21
76	Application of the Barton photochemical reaction in the synthesis of 1-dethia-3-aza-1-carba-2-oxacephem: a novel agent against resistant pathogenic microorganisms. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2461.	1.5	19
77	Dissection of the interaction between human holo-transferrin and ciprofloxacin in the presence of silver nanoparticles: spectroscopic approaches. <i>Biologia (Poland)</i> , 2017, 72, 569-580.	0.8	19
78	Determining the interaction behavior of calf thymus DNA with berberine hydrochloride in the presence of linker histone: a biophysical study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 364-381.	2.0	19
79	Preparation, characterization and molecular modeling of PEGylated human growth hormone with agonist activity. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 400-409.	3.6	18
80	Identification and Characterization of Novel Antibacterial Peptides from Skin Secretions of <i>Euphyctis cyanophlyctis</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 2012, 18, 107-115.	0.9	17
81	An Study on Curcumin Delivery by Nano-Micelles for Esophageal Squamous Cell Carcinoma (KYSE-30). <i>Reports of Biochemistry and Molecular Biology</i> , 2018, 6, 137-143.	0.5	17
82	Spectroscopic and nano-molecular modeling investigation on the binary and ternary bindings of colchicine and lomefloxacin to Human serum albumin with the viewpoint of multi-drug therapy. <i>Journal of Luminescence</i> , 2010, 130, 2476-2486.	1.5	16
83	Purification and biochemical characterization of angiotensin I-converting enzyme (ACE) from ostrich lung: The effect of 2,2,2-trifluoroethanol on ACE conformation and activity. <i>Process Biochemistry</i> , 2013, 48, 1091-1098.	1.8	16
84	Antioxidant peptides obtained from goose egg white proteins by enzymatic hydrolysis. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1603-1609.	1.3	16
85	Constructing a hybrid molecule with low capacity of IgE binding from <i>Chenopodium album</i> pollen allergens. <i>Immunology Letters</i> , 2012, 144, 67-77.	1.1	15
86	A theoretical elucidation of bilirubin interaction with HSA's lysines: First electrostatic binding site in IIA subdomain. <i>Biophysical Chemistry</i> , 2007, 125, 375-387.	1.5	14
87	Spectroscopic and DFT investigation of interactions between cyclophosphamide and aspirin with lysozyme as binary and ternary systems. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 1669-1681.	2.0	14
88	A comparison of the inclusion behavior of human serum albumin and holo transferrin with fluoxymesterone in the presence of three different cyclodextrins. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1347-1364.	1.2	14
89	Phenolic Compounds of Endemic Buxus Plants in Caspian Hyrcanian Forest (<i>Buxus Hyrcana</i> Pojark) and Their Biological Activities. <i>Pharmaceutical Chemistry Journal</i> , 2019, 53, 741-747.	0.3	14
90	The influence of drinking-water pollution with heavy metal on the expression of IL-4 and IFN- β in mice by real-time polymerase chain reaction. <i>Cytotechnology</i> , 2014, 66, 769-777.	0.7	13

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91	Human serum albuminâ€™amlodipine binding studied by multi-spectroscopic, zeta-potential, and molecular modeling techniques. Journal of the Iranian Chemical Society, 2018, 15, 223-243.	1.2	13
92	Pro-Inflammatory Cytokine Responses of A549 Epithelial Cells to Antimicrobial Peptide Brevinin-2R. International Journal of Peptide Research and Therapeutics, 2013, 19, 157-162.	0.9	11
93	Calorimetric evidence for conformational transitions of RNase A in the presence of cytidine 2â€™3â€™-cyclic phosphate. Thermochimica Acta, 2004, 411, 37-42.	1.2	10
94	A differential scanning calorimetric study of the influence of copper and dodecyl trimethyl ammonium bromide on the stability of bovine Î±-lactalbumin. International Journal of Biological Macromolecules, 2005, 36, 169-175.	3.6	10
95	Domain analysis of human apotransferrin upon interaction with sodium n-dodecyl sulphate: differential scanning calorimetry and circular dichroism approaches. Thermochimica Acta, 2003, 408, 9-16.	1.2	8
96	Biological and Clinicopathological Significance of Cripto-1 Expression in the Progression of Human ESCC. Reports of Biochemistry and Molecular Biology, 2017, 5, 83-90.	0.5	8
97	The Effect of Antimicrobial Peptide Temporin-Ra on Cell Viability and Gene Expression of Pro-inflammatory Factors in A549 Cell Line. International Journal of Peptide Research and Therapeutics, 2013, 19, 373-380.	0.9	7
98	The effect of nanomicelle curcumin, sorafenib, and combination of the two on the cyclin D1 gene expression of the hepatocellular carcinoma cell line (HUH7). Iranian Journal of Basic Medical Sciences, 2019, 22, 1198-1202.	1.0	7
99	Enhanced sublingual immunotherapy by TAT-fused recombinant allergen in a murine rhinitis model. International Immunopharmacology, 2017, 48, 118-125.	1.7	6
100	Interactions of human serum albumin with bioactive 3H-imidazo[4,5-a]acridines: Insights from fluorescence spectroscopic studies. Russian Journal of Bioorganic Chemistry, 2016, 42, 36-41.	0.3	5
101	The immunotoxin activity of exotoxin A is sensitive to domain modifications. International Journal of Biological Macromolecules, 2019, 134, 1120-1131.	3.6	5
102	Design, synthesis and investigation of the interaction behavior between two acridone derivatives, 8-chloro acridone and nitrile cyanide acridone with calf thymus DNA, by different spectroscopic techniques. Journal of the Iranian Chemical Society, 2020, 17, 135-149.	1.2	5
103	A novel vision into the binding behavior of curcumin with human serum albumin-holo transferrin complex: molecular dynamic simulation and multi-spectroscopic perspectives. Journal of Biomolecular Structure and Dynamics, 2022, 40, 11154-11172.	2.0	4
104	Understanding the binding behavior of Malathion with calf thymus DNA by spectroscopic, cell viability and molecular dynamics simulation techniques: binary and ternary systems comparison. Journal of Biomolecular Structure and Dynamics, 2023, 41, 4180-4193.	2.0	4
105	Impact of linker histone in the formation of ambochlorin-calf thymus DNA complex: Multi-spectroscopic, stopped-flow, and molecular modeling approaches.. Iranian Journal of Basic Medical Sciences, 2021, 24, 1568-1582.	1.0	4
106	Human Serum Albumin Interactions with Bioactive 3H-Imidazo[4,5-A]Acridin-11(6H)-Ones Studied by Fluorescence Spectroscopy. Pharmaceutical Chemistry Journal, 2016, 49, 700-705.	0.3	3
107	Evaluation of interaction between Ponceau 4R (P4R) and trypsin using kinetic, spectroscopic, and molecular dynamics simulation methods. Journal of Molecular Liquids, 2022, 362, 119761.	2.3	3
108	Efficient expression of a soluble lipid transfer protein (<scp>LTP</scp>) of <i>Platanus orientalis</i> using short peptide tags and structural comparison with the natural form. Biotechnology and Applied Biochemistry, 2015, 62, 218-225.	1.4	2

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109	Study of the ropinirole hydrochloride interactions with human holo-transferrin in the presence of common metal ions. Journal of the Iranian Chemical Society, 2012, 9, 625-633.	1.2	1
110	Encapsulation of purified lactoferrin from camel milk on calcium alginate nanoparticles and its effect on growth of osteoblasts Cell Line MG-63. Journal of the Iranian Chemical Society, 2022, 19, 131-145.	1.2	1
111	Synergistic effects of and radiotherapy on induction of cytotoxicity in HeLa cell line. Avicenna Journal of Phytomedicine, 2018, 8, 439-477.	0.1	1
112	Description of the calf thymus DNA-malathion complex behavior by multi-spectroscopic and molecular modeling techniques: EMF at low and high frequency approaches.. Iranian Journal of Basic Medical Sciences, 2021, 24, 1346-1357.	1.0	1
113	Structural transition of lactoferrin upon interaction with estradiol as revealed by spectroscopic techniques: a molten globule state investigation. Journal of the Iranian Chemical Society, 2018, 15, 2159-2173.	1.2	0