# Jamshidkhan Chamani

List of Publications by Year
in descending order

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|---|---|---|---|
| 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Novel perspective into the interaction behavior study of the cyanidin with human serum albumin-holo transferrin complex: Spectroscopic, calorimetric and molecular modeling approaches. Journal of Molecular Liquids, 2022, 356, 119042. | 2.3 | 101 |
| 5 | Evaluation of the binding effect and cytotoxicity assay of 2â€Ethylâ€5â€(4â€methylphenyl) pyramido pyrazole ophthalazine trione on calf thymus DNA: spectroscopic, calorimetric, and molecular dynamics approaches. Luminescence, 2022, 37, 310-322. | 1.5 | 83 |
| 6 | 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 |
| 7 | Analysis of the interaction behavior between Nano-Curcumin and two human serum proteins: combining spectroscopy and molecular stimulation to understand protein-protein interaction. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1-20. | 2.0 | 73 |
| 8 | Oil-in-water nanoemulsions comprising Berberine in olive oil: biological activities, binding mechanisms to human serum albumin or holo-transferrin and QMMD simulations. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1029-1043. | 2.0 | 194 |
| 9 | 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. DNA and Cell Biology, 2021, 40, 1039-1051. | 0.9 | 75 |
| 10 | 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 |
| 11 | 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 |
| 12 | Determining the interaction behavior of calf thymus DNA with berberine hydrochloride in the presence of linker histone: a biophysical study. Journal of Biomolecular Structure and Dynamics, 2020, 38, 364-381. | 2.0 | 19 |
| 13 | Plant-mediated synthesis of superparamagnetic iron oxide nanoparticles (SPIONs) using aloe vera and flaxseed extracts and evaluation of their cellular toxicities. Ceramics International, 2020, 46, 3051-3058. | 2.3 | 53 |
| 14 | 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 |
| 15 | A novel view of the separate and simultaneous binding effects of docetaxel and anastrozole with calf thymus DNA: Experimental and in silico approaches. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117528. | 2.0 | 77 |
| 16 | Folate targeted PEGylated liposomes for the oral delivery of insulin: In vitro and in vivo studies. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111203. | 2.5 | 41 |
| 17 | Characterizing the Binding of Angiotensin Converting Enzyme I Inhibitory Peptide to Human Hemoglobin: Influence of Electromagnetic Fields. Protein and Peptide Letters, 2020, 27, 1007-1021. | 0.4 | 61 |
| 18 | Isothermal titration calorimetry and stopped flow circular dichroism investigations of the interaction between lomefloxacin and human serum albumin in the presence of amino acids. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2265-2282. | 2.0 | 83 |

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| 19 | Use of spectroscopic and zeta potential techniques to study the interaction between lysozyme and curcumin in the presence of silver nanoparticles at different sizes. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2030-2040. | 2.0 | 94 |
| 20 | Preparation, in vitro and in vivo evaluation of PLGA/Chitosan based nano-complex as a novel insulin delivery formulation. International Journal of Pharmaceutics, 2019, 572, 118710. | 2.6 | 33 |
| 21 | New insights into alpha-lactalbumin behavior upon interaction with resveratrol and curcumin by spectroscopic and molecular modeling techniques: binary and ternary system comparison. Journal of the Iranian Chemical Society, 2019, 16, 1311-1326. | 1.2 | 23 |
| 22 | Green synthesis of 99mTc-labeled-Fe3O4 nanoparticles using Quince seeds extract and evaluation of their cytotoxicity and biodistribution in rats. Journal of Molecular Structure, 2019, 1196, 394-402. | 1.8 | 27 |
| 23 | The immunotoxin activity of exotoxin A is sensitive to domain modifications. International Journal of Biological Macromolecules, 2019, 134, 1120-1131. | 3.6 | 5 |
| 24 | New insights into the binding behavior of lomefloxacin and human hemoglobin using biophysical techniques: binary and ternary approaches. New Journal of Chemistry, 2019, 43, 8132-8145. | 1.4 | 86 |
| 25 | <p>Nano-curcumin’s suppression of breast cancer cells (MCF7) through the inhibition of cyclinD1 expression</p>. Breast Cancer: Targets and Therapy, 2019, Volume 11, 137-142. | 1.0 | 22 |
| 26 | Phenolic Compounds of Endemic Buxus Plants in Caspian Hyrcanian Forest (Buxus Hyrcana Pojark) and Their Biological Activities. Pharmaceutical Chemistry Journal, 2019, 53, 741-747. | 0.3 | 14 |
| 27 | Characterization of the structural changes of human serum albumin upon interaction with single-walled and multi-walled carbon nanotubes: spectroscopic and molecular modeling approaches. Research on Chemical Intermediates, 2019, 45, 401-423. | 1.3 | 88 |
| 28 | 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. Journal of Biomolecular Structure and Dynamics, 2019, 37, 359-371. | 2.0 | 87 |
| 29 | 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 |
| 30 | Probing the binding of lomefloxacin to a calf thymus DNA-histone H1 complex by multi-spectroscopic and molecular modeling techniques. Journal of Molecular Liquids, 2018, 256, 127-138. | 2.3 | 93 |
| 31 | 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. Journal of Biomolecular Structure and Dynamics, 2018, 36, 1747-1763. | 2.0 | 76 |
| 32 | Improving efficiency of an angiotensin converting enzyme inhibitory peptide as multifunctional peptides. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3803-3818. | 2.0 | 25 |
| 33 | 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 |
| 34 | Separate and simultaneous binding of tamoxifen and estradiol to human serum albumin: Spectroscopic and molecular modeling investigations. Journal of Molecular Liquids, 2018, 249, 1083-1096. | 2.3 | 26 |
| 35 | 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 |
| 36 | Changes in binding affinity between ofloxacin and calf thymus DNA in the presence of histone H1: Spectroscopic and molecular modeling investigations. Journal of Luminescence, 2018, 203, 599-608. | 1.5 | 68 |

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| 37 | An Study on Curcumin Delivery by Nano-Micelles for Esophageal Squamous Cell Carcinoma (KYSE-30). Reports of Biochemistry and Molecular Biology, 2018, 6, 137-143. | 0.5 | 17 |
| 38 | Synergistic effects of and radiotherapy on induction of cytotoxicity in HeLa cell line. Avicenna Journal of Phytomedicine, 2018, 8, 439-477. | 0.1 | 1 |
| 39 | Study on effect of lomefloxacin on human holo-transferrin in the presence of essential and nonessential amino acids: Spectroscopic and molecular modeling approaches. International Journal of Biological Macromolecules, 2017, 97, 688-699. | 3.6 | 83 |
| 40 | Multi-spectroscopic and HPLC Studies of the Interaction Between Estradiol and Cyclophosphamide With Human Serum Albumin: Binary and Ternary Systems. Journal of Solution Chemistry, 2017, 46, 488-504. | 0.6 | 79 |
| 41 | Multi-spectroscopic and molecular modeling studies of interaction between two different angiotensin I converting enzyme inhibitory peptides from gluten hydrolysate and human serum albumin. Journal of Biomolecular Structure and Dynamics, 2017, 35, 3648-3662. | 2.0 | 93 |
| 42 | Enhanced sublingual immunotherapy by TAT-fused recombinant allergen in a murine rhinitis model. International Immunopharmacology, 2017, 48, 118-125. | 1.7 | 6 |
| 43 | A comparison of the inclusion behavior of human serum albumin and holo transferrin with fluoxymesterone in the presence of three different cyclodextrins. Journal of the Iranian Chemical Society, 2017, 14, 1347-1364. | 1.2 | 14 |
| 44 | Dissection of the interaction between human holo-transferrin and ciprofloxacin in the presence of silver nanoparticles: spectroscopic approaches. Biologia (Poland), 2017, 72, 569-580. | 0.8 | 19 |
| 45 | Studying the interaction between three synthesized heterocyclic sulfonamide compounds with hemoglobin by spectroscopy and molecular modeling techniques. Journal of Biomolecular Structure and Dynamics, 2017, 35, 3250-3267. | 2.0 | 29 |
| 46 | 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 |
| 47 | Bioactive and ACE binding properties of three synthetic peptides assessed by various spectroscopy techniques. Process Biochemistry, 2016, 51, 2067-2075. | 1.8 | 25 |
| 48 | 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 |
| 49 | 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 |
| 50 | Investigation of the Interaction Between Human Serum Albumin and Two Drugs as Binary and Ternary Systems. European Journal of Drug Metabolism and Pharmacokinetics, 2016, 41, 705-721. | 0.6 | 75 |
| 51 | Study of the interaction between DNP and DIDS with human hemoglobin as binary and ternary systems: spectroscopic and molecular modeling investigation. Journal of Biomolecular Structure and Dynamics, 2016, 34, 57-77. | 2.0 | 78 |
| 52 | A comparison study of the interaction between Î²-lactoglobulin and retinol at two different conditions: spectroscopic and molecular modeling approaches. Journal of Biomolecular Structure and Dynamics, 2015, 33, 1880-1898. | 2.0 | 82 |
| 53 | Preparation, characterization and molecular modeling of PEGylated human growth hormone with agonist activity. International Journal of Biological Macromolecules, 2015, 80, 400-409. | 3.6 | 18 |
| 54 | Nanoliposome-mediated targeting of antibodies to tumors: IVIG antibodies as a model. International Journal of Pharmaceutics, 2015, 495, 162-170. | 2.6 | 43 |

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| 55 | Efficient expression of a soluble lipid transfer protein (<scp>LTP</scp>) of Platanus orientalis using short peptide tags and structural comparison with the natural form. Biotechnology and Applied Biochemistry, 2015, 62, 218-225. | 1.4 | 2 |
| 56 | Spectroscopic and DFT investigation of interactions between cyclophosphamide and aspirin with lysozyme as binary and ternary systems. Journal of Biomolecular Structure and Dynamics, 2015, 33, 1669-1681. | 2.0 | 14 |
| 57 | Binding site identification of metformin to human serum albumin and glycated human serum albumin by spectroscopic and molecular modeling techniques: a comparison study. Journal of Biomolecular Structure and Dynamics, 2015, 33, 513-533. | 2.0 | 107 |
| 58 | 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. PLoS ONE, 2014, 9, e84045. | 1.1 | 65 |
| 59 | Dmap-Catalyzed Synthesis of Novel Pyrrolo[2,3-D]Pyrimidine Derivatives Bearing an Aromatic Sulfonamide Moiety. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 839-848. | 0.8 | 21 |
| 60 | A comparison investigation of DNP-binding effects to HSA and HTF by spectroscopic and molecular modeling techniques. Journal of Biomolecular Structure and Dynamics, 2014, 32, 1936-1952. | 2.0 | 74 |
| 61 | The influence of drinking-water pollution with heavy metal on the expression of IL-4 and IFN-Î³ in mice by real-time polymerase chain reaction. Cytotechnology, 2014, 66, 769-777. | 0.7 | 13 |
| 62 | Comparison of the binding behavior of FCCP with HSA and HTF as determined by spectroscopic and molecular modeling techniques. Luminescence, 2014, 29, 314-331. | 1.5 | 69 |
| 63 | Probing the interaction of lysozyme with ciprofloxacin in the presence of different-sized Ag nano-particles by multispectroscopic techniques and isothermal titration calorimetry. Journal of Biomolecular Structure and Dynamics, 2014, 32, 613-629. | 2.0 | 83 |
| 64 | Studies on the Antagonistic Behavior Between Cyclophosphamide Hydrochloride and Aspirin with Human Serum Albumin: Time-Resolved Fluorescence Spectroscopy and Isothermal Titration Calorimetry. Journal of Solution Chemistry, 2013, 42, 1005-1017. | 0.6 | 68 |
| 65 | 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 |
| 66 | 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 |
| 67 | Interaction between ropinirole hydrochloride and aspirin with human serum albumin as binary and ternary systems by multi-spectroscopic, molecular modeling and zeta potential. Journal of Luminescence, 2013, 134, 758-771. | 1.5 | 29 |
| 68 | Identification of a novel angiotensin-I converting enzyme inhibitory peptide from ostrich egg white and studying its interactions with the enzyme. Innovative Food Science and Emerging Technologies, 2013, 18, 212-219. | 2.7 | 60 |
| 69 | 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. Process Biochemistry, 2013, 48, 1091-1098. | 1.8 | 16 |
| 70 | Antioxidant peptides obtained from goose egg white proteins by enzymatic hydrolysis. International Journal of Food Science and Technology, 2013, 48, 1603-1609. | 1.3 | 16 |
| 71 | 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. Molecules, 2013, 18, 789-813. | 1.7 | 74 |
| 72 | 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. Journal of Biomolecular Structure and Dynamics, 2012, 29, 1013-1050. | 2.0 | 76 |

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| 73 | Binding Effect of Common Ions to Human Serum Albumin in the Presence of Norfloxacin: Investigation with Spectroscopic and Zeta Potential Approaches. Journal of Solution Chemistry, 2012, 41, 1777-1801. | 0.6 | 62 |
| 74 | Structure and ACE-Inhibitory Activity of Peptides Derived from Hen Egg White Lysozyme. International Journal of Peptide Research and Therapeutics, 2012, 18, 353-360. | 0.9 | 31 |
| 75 | An antioxidant peptide derived from Ostrich (Struthio camelus) egg white protein hydrolysates. Food Research International, 2012, 49, 105-111. | 2.9 | 80 |
| 76 | 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 |
| 77 | Interaction between holo transferrin and HSAâ€“PPIX complex in the presence of lomefloxacin: An evaluation of PPIX aggregation in proteinâ€“protein interactions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 1089-1100. | 2.0 | 77 |
| 78 | Constructing a hybrid molecule with low capacity of IgE binding from Chenopodium album pollen allergens. Immunology Letters, 2012, 144, 67-77. | 1.1 | 15 |
| 79 | A novel antioxidant and antimicrobial peptide from hen egg white lysozyme hydrolysates. Journal of Functional Foods, 2012, 4, 278-286. | 1.6 | 162 |
| 80 | Probing the Interaction of Human Serum Albumin with Ciprofloxacin in the Presence of Silver Nanoparticles of Three Sizes: Multispectroscopic and Î¶ Potential Investigation. Journal of Physical Chemistry B, 2012, 116, 1951-1964. | 1.2 | 109 |
| 81 | 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. Molecules, 2012, 17, 3114-3147. | 1.7 | 65 |
| 82 | Identification and characterization of two novel antimicrobial peptides, temporinâ€Ra and temporinâ€Rb, from skin secretions of the marsh frog (Rana ridibunda). Journal of Peptide Science, 2012, 18, 10-16. | 0.8 | 45 |
| 83 | Identification and Characterization of Novel Antibacterial Peptides from Skin Secretions of Euphlyctis cyanophlyctis. International Journal of Peptide Research and Therapeutics, 2012, 18, 107-115. | 0.9 | 17 |
| 84 | Purification and characterisation of angiotensin I converting enzyme inhibitory peptides from lysozyme hydrolysates. Food Chemistry, 2012, 131, 291-295. | 4.2 | 58 |
| 85 | 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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 88, 177-191. | 2.0 | 65 |
| 86 | 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. Journal of Biomolecular Structure and Dynamics, 2011, 29, 181-206. | 2.0 | 70 |
| 87 | Probing the Interaction of Human Serum Albumin with Norfloxacin in the Presence of High-Frequency Electromagnetic Fields: Fluorescence Spectroscopy and Circular Dichroism Investigations. Molecules, 2011, 16, 9792-9818. | 1.7 | 75 |
| 88 | Multi-spectroscopic Investigations of Aspirin and Colchicine Interactions with Human Hemoglobin: Binary and Ternary Systems. Journal of Solution Chemistry, 2011, 40, 1905-1931. | 0.6 | 64 |
| 89 | Lomefloxacin promotes the interaction between human serum albumin and transferrin: A mechanistic insight into the emergence of antibiotic's side effects. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 114-124. | 1.4 | 65 |
| 90 | 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. Journal of Luminescence, 2011, 131, 1885-1899. | 1.5 | 62 |

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| 91 | Characterization of the interaction between human lactoferrin and lomefloxacin at physiological condition: Multi-spectroscopic and modeling description. Journal of Luminescence, 2010, 130, 1160-1168. | 1.5 | 68 |
| 92 | 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. Journal of Luminescence, 2010, 130, 2476-2486. | 1.5 | 16 |
| 93 | Energetic domains analysis of bovine Î±-lactalbumin upon interaction with copper and dodecyl trimethylammonium bromide. Journal of Molecular Structure, 2010, 979, 227-234. | 1.8 | 71 |
| 94 | A novel thermostable, acidophilic Î±-amylase from a new thermophilic â€œBacillus sp. Ferdowsicousâ€• isolated from Ferdows hot mineral spring in Iran: Purification and biochemical characterization. International Journal of Biological Macromolecules, 2010, 46, 289-297. | 3.6 | 105 |
| 95 | 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. International Journal of Biological Macromolecules, 2010, 47, 558-569. | 3.6 | 152 |
| 96 | 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. Protein and Peptide Letters, 2010, 17, 1524-1535. | 0.4 | 62 |
| 97 | Mechanism for stabilization of the molten globule state of papain by sodium n-alkyl sulfates: Spectroscopic and calorimetric approaches. Journal of Colloid and Interface Science, 2008, 322, 119-127. | 5.0 | 58 |
| 98 | A theoretical elucidation of bilirubin interaction with HSA's lysines: First electrostatic binding site in IIA subdomain. Biophysical Chemistry, 2007, 125, 375-387. | 1.5 | 14 |
| 99 | Cooperative Î±-helix formation of Î²-lactoglobulin induced by sodium n-alkyl sulfates. Journal of Colloid and Interface Science, 2006, 293, 52-60. | 5.0 | 61 |
| 100 | Effect of n-alkyl trimethylammonium bromides on folding and stability of alkaline and acid-denatured cytochrome c: A spectroscopic approach. Journal of Colloid and Interface Science, 2006, 297, 561-569. | 5.0 | 72 |
| 101 | Comparison of the conformational stability of the non-native Î±-helical intermediate of thiol-modified Î²-lactoglobulin upon interaction with sodium n-alkyl sulfates at two different pH. Journal of Colloid and Interface Science, 2006, 299, 636-646. | 5.0 | 68 |
| 102 | Structural changes in Î²-lactoglobulin by conjugation with three different kinds of carboxymethyl cyclodextrins. Thermochimica Acta, 2005, 432, 106-111. | 1.2 | 78 |
| 103 | A distinct intermediate of RNase A is induced by sodium dodecyl sulfate at its pKa. Colloids and Surfaces B: Biointerfaces, 2005, 43, 150-157. | 2.5 | 23 |
| 104 | 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 |
| 105 | Differential scanning calorimetric study of the molten globule state of cytochrome c induced by sodium n-dodecyl sulfate. Thermochimica Acta, 2004, 409, 137-144. | 1.2 | 53 |
| 106 | Calorimetric evidence for conformational transitions of RNase A in the presence of cytidine 2â€²,3â€²-cyclic phosphate. Thermochimica Acta, 2004, 411, 37-42. | 1.2 | 10 |
| 107 | Microcalorimetry, energetics and binding studies of DNAâ€“dimethyltin dichloride complexes. Thermochimica Acta, 2004, 414, 233-241. | 1.2 | 64 |
| 108 | Electrochemical evidence for the molten globule states of cytochrome c induced by N-alkyl sulfates at low concentrations. The Protein Journal, 2003, 22, 23-30. | 1.1 | 68 |

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| 109 | Calorimetric indication of the molten globule-like state of cytochrome c induced by n-alkyl sulfates at low concentrations. Journal of Chemical Thermodynamics, 2003, 35, 199-207. | 1.0 | 58 |
| 110 | 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 |
| 111 | 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. Bioorganic and Medicinal Chemistry, 2003, 11, 4303-4313. | 1.4 | 56 |
| 112 | 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. Organic and Biomolecular Chemistry, 2003, 1, 2461. | 1.5 | 19 |
| 113 | Formation of the Molten Globule-Like State of Cytochrome c Induced by n-Alkyl Sulfates at Low Concentrations. Journal of Biochemistry, 2003, 133, 93-102. | 0.9 | 77 |