

Mojtaba Amani

List of Publications by Year in descending order

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40
papers

834
citations

430874
18
h-index

526287
27
g-index

40
all docs

40
docs citations

40
times ranked

1305
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on the Interaction of Newly Designed Anticancer Pd(II) Complexes with Different Aliphatic Tails and Human Serum Albumin. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14035-14042.	2.6	103
2	Comparative spectroscopic studies on drug binding characteristics and protein surface hydrophobicity of native and modified forms of bovine serum albumin: Possible relevance to change in protein structure/function upon non-enzymatic glycation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 89, 177-186.	3.9	68
3	Conformational Study of Human Serum Albumin in Pre-denaturation Temperatures by Differential Scanning Calorimetry, Circular Dichroism and UV Spectroscopy. <i>BMB Reports</i> , 2006, 39, 530-536.	2.4	67
4	The status of glycation in protein aggregation. <i>International Journal of Biological Macromolecules</i> , 2017, 100, 67-74.	7.5	44
5	Ral signaling pathway in health and cancer. <i>Cancer Medicine</i> , 2017, 6, 2998-3013.	2.8	43
6	Allicin from garlic inhibits the biofilm formation and urease activity of <i>Proteus mirabilis</i> in vitro. <i>FEMS Microbiology Letters</i> , 2015, 362, .	1.8	39
7	Fibril formation of lysozyme upon interaction with sodium dodecyl sulfate at pH 9.2. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 60, 55-61.	5.0	34
8	Low-dose all-trans retinoic acid enhances cytotoxicity of cisplatin and 5-fluorouracil on CD44+ cancer stem cells. <i>Biomedicine and Pharmacotherapy</i> , 2015, 74, 243-251.	5.6	33
9	Cytotoxic Effects of Newly Synthesized Palladium(II) Complexes of Diethyldithiocarbamate on Gastrointestinal Cancer Cell Lines. <i>Biochemistry Research International</i> , 2014, 2014, 1-9.	3.3	27
10	Comparative Spectroscopic Studies on Curcumin Stabilization by Association to Bovine Serum Albumin and Casein: A Perspective on Drug-Delivery Application. <i>International Journal of Food Properties</i> , 2015, 18, 638-659.	3.0	23
11	The Effects of Deferiprone and Deferasirox on the Structure and Function of β^2 -Thalassemia Hemoglobin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2009, 27, 319-329.	3.5	22
12	MODELING AND OPTIMIZATION OF REMOVAL OF CEFALOXIN FROM AQUATIC SOLUTIONS BY ENZYMATIC OXIDATION USING EXPERIMENTAL DESIGN. <i>Brazilian Journal of Chemical Engineering</i> , 2018, 35, 943-956.	1.3	22
13	Differential Scanning Calorimetry Study on Thermal Denaturation of Human Carbonic Anhydrase II. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 1158-1162.	1.9	21
14	Combination treatment of all-trans retinoic acid (ATRA) and β -secretase inhibitor (DAPT) cause growth inhibition and apoptosis induction in the human gastric cancer cell line. <i>Cytotechnology</i> , 2018, 70, 865-877.	1.6	20
15	Investigation on the Surface Hydrophobicity and Aggregation Kinetics of Human Calprotectin in the Presence of Calcium. <i>BMB Reports</i> , 2005, 38, 407-413.	2.4	20
16	Study of Cosolvent-Induced β -Chymotrypsin Fibrillogenesis: Does Protein Surface Hydrophobicity Trigger Early Stages of Aggregation Reaction?. <i>Protein Journal</i> , 2009, 28, 349-361.	1.6	19
17	Serum lipid profile in psoriatic patients: correlation between vascular adhesion protein 1 and lipoprotein (a). <i>Cell Biochemistry and Function</i> , 2013, 31, 36-40.	2.9	19
18	Correlation of serum vascular adhesion protein-1 with airflow limitation and quality of life in stable chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2017, 132, 149-153.	2.9	18

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19	Optimizing laccase-mediated amoxicillin removal by the use of Box-Behnken design in an aqueous solution. , 0, 119, 53-63.		18
20	Thermodynamic and Structural Studies on the Human Serum Albumin in the Presence of a Polyoxometalate. Bulletin of the Korean Chemical Society, 2007, 28, 730-736.	1.9	18
21	Two-state irreversible thermal denaturation of Euphorbia characias latex amine oxidase. Biophysical Chemistry, 2007, 125, 254-259.	2.8	16
22	Comparative Study of the Conformational Lock, Dissociative Thermal Inactivation and Stability of Euphorbia Latex and Lentil Seedling Amine Oxidases. Protein Journal, 2005, 24, 183-191.	1.6	15
23	Pyridine-2,3-dicarboxylate, quinolinic acid, induces 1N4R Tau amyloid aggregation in vitro: Another evidence for the detrimental effect of the inescapable endogenous neurotoxin. Chemico-Biological Interactions, 2020, 315, 108884.	4.0	14
24	All trans retinoic acid modulates peripheral nerve fibroblasts viability and apoptosis. Tissue and Cell, 2015, 47, 61-65.	2.2	12
25	Osmolytic Effect of Sucrose on Thermal Denaturation of Pea Seedling Copper Amine Oxidase. Protein Journal, 2017, 36, 147-153.	1.6	11
26	Thermal Inactivation and Conformational Lock of Bovine Carbonic Anhydrase. Protein and Peptide Letters, 2012, 19, 852-858.	0.9	10
27	Thermal Dissociation and Conformational Lock of Superoxide Dismutase. BMB Reports, 2005, 38, 533-538.	2.4	9
28	Crocin attenuates inflammation of lung tissue in <scp>ovalbuminâ€sensitized</scp> mice by altering the expression of endoplasmic reticulum stress markers. BioFactors, 2022, 48, 204-215.	5.4	9
29	Thermal inactivation and conformational lock studies on glucose oxidase. Structural Chemistry, 2013, 24, 1105-1110.	2.0	7
30	The effect of probiotic yoghurt consumption on oxidative stress and inflammatory factors in young females after exhaustive exercise. JPMA the Journal of the Pakistan Medical Association, 2018, 68, 1748-1754.	0.2	7
31	Sunset yellow degradation product, as an efficient water-soluble inducer, accelerates 1N4R Tau amyloid oligomerization: In vitro preliminary evidence against the food colorant safety in terms of â€Triggered Amyloid Aggregationâ€. Bioorganic Chemistry, 2020, 103, 104123.	4.1	6
32	The Correlation of RNase A Enzymatic Activity with the Changes in the Distance between NÎµ2-His12 and NÎ¹1-His119 Upon Addition of Stabilizing and Destabilizing Salts. Protein Journal, 2006, 25, 117-125.	1.6	5
33	Electroactive Centers in<i>Euphorbia</i>Latex and Lentil Seedling Amine Oxidases. Bioscience, Biotechnology and Biochemistry, 2008, 72, 29-36.	1.3	5
34	Structural Changes and Aggregation Process of Cu/Containing Amine Oxidase in the Presence of 2,2,2-Trifluoroethanol. Protein and Peptide Letters, 2008, 15, 521-527.	0.9	5
35	Acidic residue modifications restore chaperone activity of Î²2-casein interacting with lysozyme. International Journal of Biological Macromolecules, 2011, 49, 616-621.	7.5	5
36	What can we get from varying scan rate in protein differential scanning calorimetry?. International Journal of Biological Macromolecules, 2017, 99, 151-159.	7.5	5

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37	Anti-inflammatory effects of conjugated linoleic acid on young athletic males. JPMA the Journal of the Pakistan Medical Association, 2016, 66, 280-4.	0.2	5
38	Effects of Omega-3 Fatty Acids Supplementation on Oxidative Stress and MMP2/9 in Patients with Gastric Cancer During Chemotherapy. Journal of Animal and Veterinary Advances, 2012, 11, 1858-1863.	0.1	4
39	Thermal Dissection of Lentil Seedling Amine Oxidase Domains by Differential Scanning Calorimetry. Bioscience, Biotechnology and Biochemistry, 2007, 71, 1644-1649.	1.3	3
40	Allicin prevents the formation of Proteus-induced urinary crystals and the blockage of catheter in a bladder model in vitro. Microbial Pathogenesis, 2019, 132, 293-301.	2.9	3