

Seyyed Abolghasem Ghadami

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Inhibiting mTTR Aggregation/Fibrillation by a Chaperone-like Hydrophobic Amino Acid-Conjugated SPION. <i>Journal of Physical Chemistry B</i> , 2022, 126, 1640-1654.	1.2	9
2	Synthesis and in vitro quantification of amyloid fibrils by barbituric and thiobarbituric acid-based chromene derivatives. <i>Biophysical Chemistry</i> , 2021, 269, 106522.	1.5	5
3	Chicken Interspecies Chimerism Unveils Human Pluripotency. <i>Stem Cell Reports</i> , 2021, 16, 39-55.	2.3	6
4	The albumin-based nanoparticle formation in relation to protein aggregation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119489.	2.0	8
5	In vitro evaluation of the anticancer activity of barbituric/thiobarbituric acid-based chromene derivatives. <i>Molecular Biology Reports</i> , 2021, 48, 7637-7646.	1.0	2
6	Transthyretin Inhibits Primary and Secondary Nucleations of Amyloid- β Peptide Aggregation and Reduces the Toxicity of Its Oligomers. <i>Biomacromolecules</i> , 2020, 21, 1112-1125.	2.6	59
7	Probing conformational changes of monomeric transthyretin with second derivative fluorescence. <i>Scientific Reports</i> , 2019, 9, 10988.	1.6	14
8	Detection/quantification of amyloid aggregation in solution using the novel fluorescent benzofuranone-derivative compounds as amyloid fluorescent probes: synthesis and in vitro characterization. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1225-1237.	1.2	6
9	Can any non-specific charge modification within microtubule binding domains of Tau be a prerequisite of the protein amyloid aggregation? An in vitro study on the 1N4R isoform. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 188-204.	3.6	12
10	FRET studies of various conformational states adopted by transthyretin. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3577-3598.	2.4	7
11	Possible peroxidase active site environment in amyloidogenic proteins: Native monomer or misfolded-oligomer; which one is susceptible to the enzymatic activity, with contribution of heme?. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 293-301.	3.6	3
12	Spectroscopic and molecular modeling studies on binding of dorzolamide to bovine and human carbonic anhydrase II. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 189-199.	3.6	27
13	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.	1.3	23
14	A Complex Equilibrium among Partially Unfolded Conformations in Monomeric Transthyretin. <i>Biochemistry</i> , 2014, 53, 4381-4392.	1.2	12
15	Comparative evaluation of amphotericin B binding to the native and modified forms of rice lipid-transfer protein: a possible perspective on improving the drug-binding affinity and specificity. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 937-950.	1.2	5
16	An in vitro model for spontaneous angiogenesis using rat mesenteric endothelial cells: Possible therapeutic perspective for obesity and related disorders. <i>Pharmaceutical Biology</i> , 2013, 51, 974-980.	1.3	4
17	Synthesis and in vitro characterization of some benzothiazole- and benzofuranone-derivatives for quantification of fibrillar aggregates and inhibition of amyloid-mediated peroxidase activity. <i>Medicinal Chemistry Research</i> , 2013, 22, 115-126.	1.1	16
18	Appraisal of sildenafil binding on the structure and promiscuous esterase activity of native and histidine-modified forms of carbonic anhydrase II. <i>Biophysical Chemistry</i> , 2013, 175-176, 1-16.	1.5	7

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19	Non-specific peroxidase activity and catalase-inhibitory behavior of fibrillar aggregates after interaction with heme: relevance to the etiology of amyloid-related neurodegenerative disorders using the experimental-based evidences. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 939-950.	1.2	4
20	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.	2.0	68
21	Comparative study of immunological and structural properties of two recombinant vaccine candidates against botulinum neurotoxin type E. <i>Iranian Biomedical Journal</i> , 2012, 16, 185-92.	0.4	2
22	Amyloid fibril formation by native and modified bovine β^2 -lactoglobulins proceeds through unfolded form of proteins: A comparative study. <i>Biophysical Chemistry</i> , 2011, 159, 311-320.	1.5	21