

Mohsin Vahid Khan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

806
citations

566801

15
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Binding of erucic acid with human serum albumin using a spectroscopic and molecular docking study. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 1572-1580.	3.6	178
2	Impact of structural stability of cold adapted <i>Candida antarctica</i> lipase B (CaLB): in relation to pH, chemical and thermal denaturation. <i>RSC Advances</i> , 2015, 5, 20115-20131.	1.7	151
3	Capreomycin inhibits the initiation of amyloid fibrillation and suppresses amyloid induced cell toxicity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 549-557.	1.1	57
4	Interaction of anticancer drug clofarabine with human serum albumin and human α_1 -acid glycoprotein. Spectroscopic and molecular docking approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 135, 106-115.	1.4	50
5	A mechanistic insight into protein-ligand interaction, folding, misfolding, aggregation and inhibition of protein aggregates: An overview. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 1115-1129.	3.6	43
6	Fibrillogenesis of human serum albumin in the presence of levodopa – spectroscopic, calorimetric and microscopic studies. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 301-308.	3.6	38
7	Fluoroalcohols-induced modulation and amyloid formation in conalbumin. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 606-614.	3.6	37
8	Biophysical insight into the interaction mechanism of plant derived polyphenolic compound tannic acid with homologous mammalian serum albumins. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2450-2464.	3.6	37
9	Polyols (Glycerol and Ethylene glycol) mediated amorphous aggregate inhibition and secondary structure restoration of metalloproteinase-conalbumin (ovotransferrin). <i>International Journal of Biological Macromolecules</i> , 2017, 94, 290-300.	3.6	35
10	Non-fluorinated cosolvents: A potent amorphous aggregate inducer of metalloproteinase-conalbumin (ovotransferrin). <i>International Journal of Biological Macromolecules</i> , 2015, 78, 417-428.	3.6	32
11	Stabilizing proteins to prevent conformational changes required for amyloid fibril formation. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 2642-2656.	1.2	26
12	Surfactant-mediated amyloidogenesis behavior of stem bromelain; a biophysical insight. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1407-1419.	2.0	18
13	Elucidating the interaction of clofazimine with bovine liver catalase; a comprehensive spectroscopic and molecular docking approach. <i>Journal of Molecular Recognition</i> , 2017, 30, e2619.	1.1	18
14	Protein folding, misfolding and aggregation: A tale of constructive to destructive assembly. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 217-229.	3.6	17
15	Biophysical and molecular docking insight into interaction mechanism and thermal stability of human serum albumin isoforms with a semi-synthetic water-soluble camptothecin analog irinotecan hydrochloride. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 1545-1560.	2.0	16
16	Anti-aggregation property of thymoquinone induced by copper-nanoparticles: A biophysical approach. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1174-1182.	3.6	14
17	Biophysical insights into the interaction of clofazimine with human α_1 -acid glycoprotein: a multitechnique approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1390-1401.	2.0	11
18	Biophysical insight reveals tannic acid as amyloid inducer and conformation transformer from amorphous to amyloid aggregates in Concanavalin A (ConA). <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1261-1273.	2.0	10

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19	Amino group of salicylic acid exhibits enhanced inhibitory potential against insulin amyloid fibrillation with protective aptitude toward amyloid induced cytotoxicity. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3945-3956.	1.2	10
20	Cationic surfactant mediated fibrillogenesis in bovine liver catalase: a biophysical approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2543-2557.	2.0	6