

Tajalli Ilm Chandel

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

346
citations

840119

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h-index

887659

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19
all docs

19
docs citations

19
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Binding of anti-cardiovascular drug to serum albumin: an insight in the light of spectroscopic and computational approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 54-67.	2.0	34
5	DNA induced aggregation of stem bromelain; a mechanistic insight. <i>RSC Advances</i> , 2016, 6, 37591-37599.	1.7	31
6	Molecular basis of the inhibition and disaggregation of thermally-induced amyloid fibrils of human serum albumin by an anti-Parkinson's drug, benserazide hydrochloride. <i>Journal of Molecular Liquids</i> , 2019, 278, 553-567.	2.3	25
7	Rosin Surfactant QRMAE Can Be Utilized as an Amorphous Aggregate Inducer: A Case Study of Mammalian Serum Albumin. <i>PLoS ONE</i> , 2015, 10, e0139027.	1.1	24
8	Interaction of anticancer drug pinostrobin with lysozyme: a biophysical and molecular docking approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 4338-4344.	2.0	23
9	An insight into the inhibition of fibrillation process versus disaggregation of preformed fibrils of bovine serum albumin by isoprenaline hydrochloride. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 1448-1459.	3.6	14
10	An in-vitro elucidation of inhibitory potential of carminic acid: Possible therapeutic approach for neurodegenerative diseases. <i>Journal of Molecular Liquids</i> , 2020, 303, 112692.	2.3	14
11	Cysteine as a potential anti-amyloidogenic agent with protective ability against amyloid induced cytotoxicity. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 556-565.	3.6	12
12	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
13	Fluorescence quenching of chloroquine by Cu ²⁺ in micelles. <i>Journal of Molecular Liquids</i> , 2020, 306, 112763.	2.3	10
14	A multiparametric analysis of the synergistic impact of anti-Parkinson's drugs on the fibrillation of human serum albumin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 275-285.	1.1	8
15	Probing the Nongeneralized Amyloid Inhibitory Mechanism of Hydrophobic Chaperone. <i>ACS Chemical Neuroscience</i> , 2020, 11, 373-384.	1.7	7
16	Evaluation of ThT augmentation and RLS inner filter effect caused by highly fluorescent coumarin derivative and establishing it as true inhibitor of amyloid fibrillation. <i>Archives of Biochemistry and Biophysics</i> , 2021, 709, 108981.	1.4	7
17	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
18	Impact of Osmolytes in Conformational Modulation of Protein and Its Applications in Biotechnology. , 2017, , 143-160.		3