

Tajalli Ilm Chandel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

265
citations

10
h-index

16
g-index

19
ext. papers

301
ext. citations

5.3
avg, IF

3.22
L-index

#	Paper	IF	Citations
18	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	7.9	32
17	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	7.9	31
16	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	7.9	30
15	DNA induced aggregation of stem bromelain; a mechanistic insight. <i>RSC Advances</i> , 2016 , 6, 37591-37599	3.7	28
14	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	3.6	21
13	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	3.7	20
12	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	6	18
11	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	3.6	16
10	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	7.9	12
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	7.9	12
8	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	6	9
7	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	3.6	8
6	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	4	8
5	Cationic surfactant mediated fibrillogenesis in bovine liver catalase: a biophysical approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018 , 36, 2543-2557	3.6	6
4	Fluorescence quenching of chloroquine by Cu ²⁺ in micelles. <i>Journal of Molecular Liquids</i> , 2020 , 306, 112763	3.6	5
3	Probing the Nongeneralized Amyloid Inhibitory Mechanism of Hydrophobic Chaperone. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 373-384	5.7	5
2	Impact of Osmolytes in Conformational Modulation of Protein and Its Applications in Biotechnology 2017 , 143-160		2

- 1 Evaluation of ThT augmentation and RLS inner filter effect caused by highly fluorescent coumarin derivative and establishing it as true inhibitor of amyloid fibrillation. *Archives of Biochemistry and Biophysics*, **2021**, 709, 108981 4.1 2