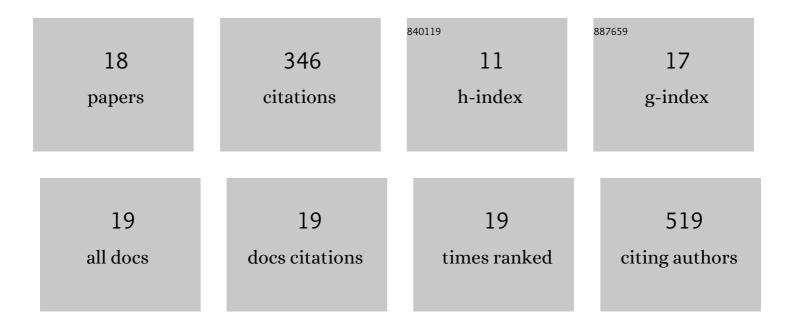
## Tajalli Ilm Chandel

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A mechanistic insight into protein-ligand interaction, folding, misfolding, aggregation and inhibition of protein aggregates: An overview. International Journal of Biological Macromolecules, 2018, 106, 1115-1129.	3.6	43
2	Fibrillogenesis of human serum albumin in the presence of levodopa – spectroscopic, calorimetric and microscopic studies. International Journal of Biological Macromolecules, 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. International Journal of Biological Macromolecules, 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. Journal of Biomolecular Structure and Dynamics, 2018, 36, 54-67.	2.0	34
5	DNA induced aggregation of stem bromelain; a mechanistic insight. RSC Advances, 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. Journal of Molecular Liquids, 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. PLoS ONE, 2015, 10, e0139027.	1.1	24
8	Interaction of anticancer drug pinostrobin with lysozyme: a biophysical and molecular docking approach. Journal of Biomolecular Structure and Dynamics, 2019, 37, 4338-4344.	2.0	23
9	An insight into the inhibition of fibrillation process verses disaggregation of preformed fibrils of bovine serum albumin by isoprenaline hydrochloride. International Journal of Biological Macromolecules, 2020, 154, 1448-1459.	3.6	14
10	An in-vitro elucidation of inhibitory potential of carminic acid: Possible therapeutic approach for neurodegenerative diseases. Journal of Molecular Liquids, 2020, 303, 112692.	2.3	14
11	Cysteine as a potential anti-amyloidogenic agent with protective ability against amyloid induced cytotoxicity. International Journal of Biological Macromolecules, 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). Journal of Biomolecular Structure and Dynamics, 2018, 36, 1261-1273.	2.0	10
13	Fluorescence quenching of chloroquine by Cu2+ in micelles. Journal of Molecular Liquids, 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. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 275-285.	1.1	8
15	Probing the Nongeneralized Amyloid Inhibitory Mechanism of Hydrophobic Chaperone. ACS Chemical Neuroscience, 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. Archives of Biochemistry and Biophysics, 2021, 709, 108981.	1.4	7
17	Cationic surfactant mediated fibrillogenesis in bovine liver catalase: a biophysical approach. Journal of Biomolecular Structure and Dynamics, 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

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