

Mohsin Wahid Khan

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.

20
papers

617
citations

14
h-index

21
g-index

21
ext. papers

713
ext. citations

5.5
avg, IF

3.82
L-index

#	Paper	IF	Citations
20	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	7.9	119
19	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	3.7	110
18	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	4	44
17	Interaction of anticancer drug clofarabine with human serum albumin and human E1 acid glycoprotein. Spectroscopic and molecular docking approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 135, 106-115	3.5	40
16	Fluoroalcohols-induced modulation and amyloid formation in conalbumin. <i>International Journal of Biological Macromolecules</i> , 2014 , 70, 606-14	7.9	35
15	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
14	Non-fluorinated cosolvents: A potent amorphous aggregate inducer of metalloproteinase-conalbumin (ovotransferrin). <i>International Journal of Biological Macromolecules</i> , 2015 , 78, 417-28	7.9	31
13	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
12	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
11	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	7.9	28
10	Surfactant-mediated amyloidogenesis behavior of stem bromelain; a biophysical insight. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017 , 35, 1407-1419	3.6	18
9	Stabilizing proteins to prevent conformational changes required for amyloid fibril formation. <i>Journal of Cellular Biochemistry</i> , 2018 , 120, 2642	4.7	15
8	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, 1545-60	3.6	14
7	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	2.6	14
6	Protein folding, misfolding and aggregation: A tale of constructive to destructive assembly. <i>International Journal of Biological Macromolecules</i> , 2018 , 112, 217-229	7.9	12
5	Anti-aggregation property of thymoquinone induced by copper-nanoparticles: A biophysical approach. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1174-1182	7.9	11
4	Biophysical insights into the interaction of clofazimine with human alpha 1-acid glycoprotein: a multitechnique approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019 , 37, 1390-1401	3.6	10

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|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|
| 3 | 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 |
| 2 | 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 | 4.7 | 7 |
| 1 | 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 |