

Syed Mohammad Zakariya

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

278
citations

932766

10
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein misfolding, aggregation and mechanism of amyloid cytotoxicity: An overview and therapeutic strategies to inhibit aggregation. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 1022-1037.	3.6	79
2	A biophysical and computational study unraveling the molecular interaction mechanism of a new Janus kinase inhibitor Tofacitinib with bovine serum albumin. <i>Journal of Molecular Recognition</i> , 2017, 30, e2601.	1.1	33
3	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
4	An In Vitro elucidation of the antiaggregatory potential of Diosmin over thermally induced unfolding of hen egg white lysozyme; A preventive quest for lysozyme amyloidosis. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 1015-1023.	3.6	20
5	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
6	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
7	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
8	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
9	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
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.	3.6	12
11	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
12	Biophysical Insight into Protein Folding, Aggregate Formation and its Inhibition Strategies. <i>Protein and Peptide Letters</i> , 2022, 29, 22-36.	0.4	8
13	The inhibitory effect of Sunset Yellow on thermally induced Human Serum Albumin aggregates: Possible role in naturopathy. <i>International Journal of Biological Macromolecules</i> , 2022, 199, 181-188.	3.6	7
14	Melamine induced human serum albumin aggregates: Its possible role in amyloidogenesis. <i>Journal of Molecular Liquids</i> , 2022, 356, 119004.	2.3	3