

Tanveer Dar

List of Publications by Year in descending order

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34
papers

672
citations

623734

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h-index

580821

25
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34
all docs

34
docs citations

34
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Urea ameliorates trimethylamine N-oxide-Induced aggregation of intrinsically disordered $\hat{1}\pm$ -casein protein: the other side of the urea-methylamine counteraction. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 3659-3666.	3.5	2
2	The gut metabolite, trimethylamine N-oxide inhibits protein folding by affecting cis \leftrightarrow trans isomerization and induces cell cycle arrest. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 12.	5.4	4
3	Brain Metabolite, Myo-inositol, Inhibits Catalase Activity: A Mechanism of the Distortion of the Antioxidant Defense System in Alzheimer's disease. <i>ACS Omega</i> , 2022, 7, 12690-12700.	3.5	7
4	Effect of polyol osmolytes on the structure-function integrity and aggregation propensity of catalase: A comprehensive study based on spectroscopic and molecular dynamic simulation measurements. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 198-210.	7.5	5
5	Trimethylamine N-oxide alters structure-function integrity of $\hat{1}^2$ -casein: Structural disorder co-regulates the aggregation propensity and chaperone activity. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 921-930.	7.5	3
6	Morphological, Biochemical, and Proteomic Studies Revealed Impact of Fe and P Crosstalk on Root Development in <i>Phaseolus vulgaris</i> L. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 3898-3914.	2.9	2
7	Taurine Induces an Ordered but Functionally Inactive Conformation in Intrinsically Disordered Casein Proteins. <i>Scientific Reports</i> , 2020, 10, 3503.	3.3	9
8	Structural-functional integrity of lysozyme in imidazolium based surface active ionic liquids. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 271-279.	7.5	16
9	Protein kinases as regulators of osmolyte accumulation under stress conditions An overview. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 1386-1411.	3.0	0
10	Role of Glycosylation in Modulating Therapeutic Efficiency of Protein Pharmaceuticals. , 2019, , 131-143.		1
11	An anti-cancerous protein fraction from <i>Withania somnifera</i> induces ROS-dependent mitochondria-mediated apoptosis in human MDA-MB-231 breast cancer cells. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 77-87.	7.5	26
12	Gene expression and antibody response in chicken against <i>Salmonella Typhimurium</i> challenge. <i>Poultry Science</i> , 2019, 98, 2008-2013.	3.4	28
13	Expression kinetics of natural resistance associated macrophage protein (NRAMP) genes in <i>Salmonella Typhimurium</i> -infected chicken. <i>BMC Veterinary Research</i> , 2018, 14, 180.	1.9	10
14	Trimethylamine N-oxide abolishes the chaperone activity of $\hat{1}\pm$ -casein: an intrinsically disordered protein. <i>Scientific Reports</i> , 2017, 7, 6572.	3.3	21
15	<i>Crataegus songarica</i> methanolic extract accelerates enzymatic status in kidney and heart tissue damage in albino rats and its <i>in vitro</i> cytotoxic activity. <i>Pharmaceutical Biology</i> , 2016, 54, 1246-1254.	2.9	9
16	Melatonin: A Potential Anti-Oxidant Therapeutic Agent for Mitochondrial Dysfunctions and Related Disorders. <i>Rejuvenation Research</i> , 2016, 19, 21-40.	1.8	60
17	Alanine Counteracts the Destabilizing Effect that Urea has on RNase-A. <i>Protein and Peptide Letters</i> , 2016, 23, 795-799.	0.9	5
18	Unique Medicinal Properties of <i>Withania somnifera</i> : Phytochemical Constituents and Protein Component. <i>Current Pharmaceutical Design</i> , 2016, 22, 535-540.	1.9	46

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19	Salt Potentiates Methylamine Counteraction System to Offset the Deleterious Effects of Urea on Protein Stability and Function. PLoS ONE, 2015, 10, e0119597.	2.5	6
20	Targeting copper induced oxidative damage to proteins by ligation: a novel approach towards chelation therapy for oxidative stress disorders. New Journal of Chemistry, 2015, 39, 2720-2727.	2.8	7
21	A current perspective on the compensatory effects of urea and methylamine on protein stability and function. Progress in Biophysics and Molecular Biology, 2015, 119, 129-136.	2.9	11
22	Protein N-homocysteinylation: From cellular toxicity to neurodegeneration. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 2239-2245.	2.4	63
23	Reshaping the Protein Folding Pathway by Osmolyte via its Effects on the Folding Intermediates. Current Protein and Peptide Science, 2015, 16, 513-520.	1.4	9
24	In Vitro Antioxidant and Cytotoxic Activities of <i>Arnebia benthamii</i> (Wall ex. G. Don): A Critically Endangered Medicinal Plant of Kashmir Valley. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-8.	4.0	14
25	Antioxidant and Hepatoprotective Effects of <i>Crataegus songarica</i> Methanol Extract. Journal of Environmental Pathology, Toxicology and Oncology, 2014, 33, 131-143.	1.2	12
26	Structural Characteristic of the Initial Unfolded State on Refolding Determines Catalytic Efficiency of the Folded Protein in Presence of Osmolytes. PLoS ONE, 2014, 9, e109408.	2.5	7
27	Molecular Linkages Between Diabetes and Alzheimer's Disease: Current Scenario and Future Prospects. CNS and Neurological Disorders - Drug Targets, 2014, 13, 290-298.	1.4	36
28	Ignored Avenues in Alpha-Synuclein Associated Proteopathy. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1246-1257.	1.4	10
29	Protein and DNA destabilization by osmolytes: The other side of the coin. Life Sciences, 2011, 88, 117-125.	4.3	89
30	Living with urea stress. Journal of Biosciences, 2009, 34, 321-331.	1.1	18
31	Glycine betaine may have opposite effects on protein stability at high and low pH values. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 929-935.	2.3	60
32	A new method for determining the constant-pressure heat capacity change associated with the protein denaturation induced by guanidinium chloride (or urea). Biophysical Chemistry, 2008, 133, 81-89.	2.8	15
33	Guanidinium chloride and urea denaturations of β -Lactoglobulin A at pH 2.0 and 25°C: The equilibrium intermediate contains non-native structures (helix, tryptophan and hydrophobic patches). Biophysical Chemistry, 2007, 127, 140-148.	2.8	20
34	Testing the paradigm that the denaturing effect of urea on protein stability is offset by methylamines at the physiological concentration ratio of 2:1 (urea:methylamines). Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 1555-1562.	2.3	41