

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
g-index

34
all docs

34
docs citations

34
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein and DNA destabilization by osmolytes: The other side of the coin. <i>Life Sciences</i> , 2011, 88, 117-125.	4.3	89
2	Protein N-homocysteinylation: From cellular toxicity to neurodegeneration. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2239-2245.	2.4	63
3	Glycine betaine may have opposite effects on protein stability at high and low pH values. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 929-935.	2.3	60
4	Melatonin: A Potential Anti-Oxidant Therapeutic Agent for Mitochondrial Dysfunctions and Related Disorders. <i>Rejuvenation Research</i> , 2016, 19, 21-40.	1.8	60
5	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
6	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). <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 1555-1562.	2.3	41
7	Molecular Linkages Between Diabetes and Alzheimer's Disease: Current Scenario and Future Prospects. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 290-298.	1.4	36
8	Gene expression and antibody response in chicken against <i>Salmonella Typhimurium</i> challenge. <i>Poultry Science</i> , 2019, 98, 2008-2013.	3.4	28
9	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
10	Trimethylamine N-oxide abolishes the chaperone activity of β -casein: an intrinsically disordered protein. <i>Scientific Reports</i> , 2017, 7, 6572.	3.3	21
11	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). <i>Biophysical Chemistry</i> , 2007, 127, 140-148.	2.8	20
12	Living with urea stress. <i>Journal of Biosciences</i> , 2009, 34, 321-331.	1.1	18
13	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
14	A new method for determining the constant-pressure heat capacity change associated with the protein denaturation induced by guanidinium chloride (or urea). <i>Biophysical Chemistry</i> , 2008, 133, 81-89.	2.8	15
15	In Vitro Antioxidant and Cytotoxic Activities of <i>Arnebia benthamii</i> (Wall ex. G. Don): A Critically Endangered Medicinal Plant of Kashmir Valley. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-8.	4.0	14
16	Antioxidant and Hepatoprotective Effects of <i>Crataegus songarica</i> Methanol Extract. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2014, 33, 131-143.	1.2	12
17	A current perspective on the compensatory effects of urea and methylamine on protein stability and function. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 119, 129-136.	2.9	11
18	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

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19	Ignored Avenues in Alpha-Synuclein Associated Proteopathy. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1246-1257.	1.4	10
20	<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. Pharmaceutical Biology, 2016, 54, 1246-1254.	2.9	9
21	Taurine Induces an Ordered but Functionally Inactive Conformation in Intrinsically Disordered Casein Proteins. Scientific Reports, 2020, 10, 3503.	3.3	9
22	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
23	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
24	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
25	Brain Metabolite, Myo-inositol, Inhibits Catalase Activity: A Mechanism of the Distortion of the Antioxidant Defense System in Alzheimer's disease. ACS Omega, 2022, 7, 12690-12700.	3.5	7
26	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
27	Alanine Counteracts the Destabilizing Effect that Urea has on RNase-A. Protein and Peptide Letters, 2016, 23, 795-799.	0.9	5
28	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. International Journal of Biological Macromolecules, 2022, 209, 198-210.	7.5	5
29	The gut metabolite, trimethylamine N-oxide inhibits protein folding by affecting cis-trans isomerization and induces cell cycle arrest. Cellular and Molecular Life Sciences, 2022, 79, 12.	5.4	4
30	Trimethylamine N-oxide alters structure-function integrity of β -casein: Structural disorder co-regulates the aggregation propensity and chaperone activity. International Journal of Biological Macromolecules, 2021, 182, 921-930.	7.5	3
31	Morphological, Biochemical, and Proteomic Studies Revealed Impact of Fe and P Crosstalk on Root Development in Phaseolus vulgaris L. Applied Biochemistry and Biotechnology, 2021, 193, 3898-3914.	2.9	2
32	Urea ameliorates trimethylamine N-oxide-Induced aggregation of intrinsically disordered β -casein protein: the other side of the urea-methylamine counteraction. Journal of Biomolecular Structure and Dynamics, 2023, 41, 3659-3666.	3.5	2
33	Role of Glycosylation in Modulating Therapeutic Efficiency of Protein Pharmaceuticals. , 2019, , 131-143.		1
34	Protein kinases as regulators of osmolyte accumulation under stress conditions An overview. Frontiers in Bioscience - Landmark, 2020, 25, 1386-1411.	3.0	0