

Debasish Kumar Ghosh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The <sc>ATP</sc>ase <sc>VCP</sc>/p97 functions as a disaggregase against toxic Huntingtinâ€œxon1 aggregates. FEBS Letters, 2018, 592, 2680-2692.	2.8	28
2	Models, Regulations, and Functions of Microtubule Severing by Katanin. , 2012, 2012, 1-14.		22
3	The metastable states of proteins. Protein Science, 2020, 29, 1559-1568.	7.6	20
4	Characterization of Lipid Binding Properties of <i>Plasmodium falciparum</i> Acyl-Coenzyme A Binding Proteins and Their Competitive Inhibition by Mefloquine. ACS Chemical Biology, 2019, 14, 901-915.	3.4	18
5	Aggregation-prone Regions in HYPK Help It to Form Sequestration Complex for Toxic Protein Aggregates. Journal of Molecular Biology, 2018, 430, 963-986.	4.2	17
6	Disordered Nanostructure in Huntingtin Interacting Protein K Acts as a Stabilizing Switch To Prevent Protein Aggregation. Biochemistry, 2018, 57, 2009-2023.	2.5	16
7	Local structural unfolding at the edge-strands of beta sheets is the molecular basis for instability and aggregation of G85R and G93A mutants of superoxide dismutase 1. Journal of Biomolecular Structure and Dynamics, 2020, 38, 647-659.	3.5	15
8	T54R mutation destabilizes the dimer of superoxide dismutase 1^{T54R} by inducing steric clashes at the dimer interface. RSC Advances, 2020, 10, 10776-10788.	3.6	14
9	Expression, Functional Characterization and X-ray Analysis of HosA, A Member of MarR Family of Transcription Regulator from Uropathogenic Escherichia coli. Protein Journal, 2016, 35, 269-282.	1.6	11
10	Metastable states of HYPK-UBA domain's seeds drive the dynamics of its own aggregation. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2846-2861.	2.4	11
11	An IRES-dependent translation of HYPK mRNA generates a truncated isoform of the protein that lacks the nuclear localization and functional ability. RNA Biology, 2019, 16, 1604-1621.	3.1	9
12	Mefloquine binding to human acyl-CoA binding protein leads to redox stress-mediated apoptotic death of human neuroblastoma cells. NeuroToxicology, 2020, 77, 169-180.	3.0	9
13	HYPK coordinates degradation of polyneddylated proteins by autophagy. Autophagy, 2022, 18, 1763-1784.	9.1	9
14	Cellular targets of mefloquine. Toxicology, 2021, 464, 152995.	4.2	8
15	Differential Stabilities of Mefloquine-Bound Human and <i>Plasmodium falciparum</i> Acyl-CoA-Binding Proteins. ACS Omega, 2021, 6, 1883-1893.	3.5	3