

Debasish Kumar Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

213
citations

1040056

9
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	HYPK coordinates degradation of polyubiquitinated proteins by autophagy. <i>Autophagy</i> , 2022, 18, 1763-1784.	9.1	9
2	Differential Stabilities of Mefloquine-Bound Human and <i>Plasmodium falciparum</i> Acyl-CoA-Binding Proteins. <i>ACS Omega</i> , 2021, 6, 1883-1893.	3.5	3
3	Cellular targets of mefloquine. <i>Toxicology</i> , 2021, 464, 152995.	4.2	8
4	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. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 647-659.	3.5	15
5	T54R mutation destabilizes the dimer of superoxide dismutase 1 ^{T54R} by inducing steric clashes at the dimer interface. <i>RSC Advances</i> , 2020, 10, 10776-10788.	3.6	14
6	The metastable states of proteins. <i>Protein Science</i> , 2020, 29, 1559-1568.	7.6	20
7	Mefloquine binding to human acyl-CoA binding protein leads to redox stress-mediated apoptotic death of human neuroblastoma cells. <i>NeuroToxicology</i> , 2020, 77, 169-180.	3.0	9
8	An IRES-dependent translation of HYPK mRNA generates a truncated isoform of the protein that lacks the nuclear localization and functional ability. <i>RNA Biology</i> , 2019, 16, 1604-1621.	3.1	9
9	Characterization of Lipid Binding Properties of <i>Plasmodium falciparum</i> Acyl-Coenzyme A Binding Proteins and Their Competitive Inhibition by Mefloquine. <i>ACS Chemical Biology</i> , 2019, 14, 901-915.	3.4	18
10	Aggregation-prone Regions in HYPK Help It to Form Sequestration Complex for Toxic Protein Aggregates. <i>Journal of Molecular Biology</i> , 2018, 430, 963-986.	4.2	17
11	Disordered Nanostructure in Huntingtin Interacting Protein K Acts as a Stabilizing Switch To Prevent Protein Aggregation. <i>Biochemistry</i> , 2018, 57, 2009-2023.	2.5	16
12	Metastable states of HYPK-UBA domain's seeds drive the dynamics of its own aggregation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2846-2861.	2.4	11
13	The ATPase VCP/p97 functions as a disaggregase against toxic Huntingtin ^{exon1} aggregates. <i>FEBS Letters</i> , 2018, 592, 2680-2692.	2.8	28
14	Expression, Functional Characterization and X-ray Analysis of HosA, A Member of MarR Family of Transcription Regulator from Uropathogenic <i>Escherichia coli</i> . <i>Protein Journal</i> , 2016, 35, 269-282.	1.6	11
15	Models, Regulations, and Functions of Microtubule Severing by Katanin. , 2012, 2012, 1-14.		22