

Sohini Chakrabortee

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,259
citations

686830

13
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophilic protein associated with desiccation tolerance exhibits broad protein stabilization function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18073-18078.	3.3	276
2	Intrinsically Disordered Proteins Drive Emergence and Inheritance of Biological Traits. <i>Cell</i> , 2016, 167, 369-381.e12.	13.5	165
3	Luminidependens (LD) is an Arabidopsis protein with prion behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6065-6070.	3.3	162
4	Intrinsically disordered proteins as molecular shields. <i>Molecular BioSystems</i> , 2012, 8, 210-219.	2.9	158
5	Functional Divergence of Former Alleles in an Ancient Asexual Invertebrate. <i>Science</i> , 2007, 318, 268-271.	6.0	129
6	Catalytic and chaperone-like functions in an intrinsically disordered protein associated with desiccation tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16084-16089.	3.3	72
7	A Genetic Tool to Track Protein Aggregates and Control Prion Inheritance. <i>Cell</i> , 2017, 171, 966-979.e18.	13.5	61
8	Effects of Group 3 LEA protein model peptides on desiccation-induced protein aggregation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 891-897.	1.1	49
9	Prion-like proteins sequester and suppress the toxicity of huntingtin exon 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12085-12090.	3.3	47
10	Both plant and animal LEA proteins act as kinetic stabilisers of polyglutamine-dependent protein aggregation. <i>FEBS Letters</i> , 2011, 585, 630-634.	1.3	46
11	Macromolecular and small-molecule modulation of intracellular A β 242 aggregation and associated toxicity. <i>Biochemical Journal</i> , 2012, 442, 507-515.	1.7	41
12	Expression profiling and cross-species RNA interference (RNAi) of desiccation-induced transcripts in the anhydrobiotic nematode <i>Aphelenchus avenae</i> . <i>BMC Molecular Biology</i> , 2010, 11, 6.	3.0	35
13	Complexity of the heat-soluble LEA proteome in <i>Artemia</i> species. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2012, 7, 260-267.	0.4	18