

JiaBei Lin

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

683
citations

759233

12
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

680
citing authors

#	ARTICLE	IF	CITATIONS
1	AAA+ proteins: one motor, multiple ways to work. <i>Biochemical Society Transactions</i> , 2022, 50, 895-906.	3.4	13
2	Increased Nuclear Localization of Engineered Hsp104 Variants Mitigates α S, FUS, and TDP ϵ 43 Toxicity in Yeast. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
3	Elucidating the mechanism of potentiated Hsp104 NBD2 variants against proteotoxicity. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
4	Developing therapeutic protein disaggregases for Neurodegenerative Disease. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
5	DAXX represents a new type of protein-folding enabler. <i>Nature</i> , 2021, 597, 132-137.	27.8	54
6	Developing therapeutic protein disaggregases for neurodegenerative disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e047421.	0.8	0
7	Structural and kinetic basis for the regulation and potentiation of Hsp104 function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9384-9392.	7.1	16
8	Conformational plasticity of the ClpAP AAA+ protease couples protein unfolding and proteolysis. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 406-416.	8.2	51
9	The extent of Ssa1/Ssa2 Hsp70 chaperone involvement in nuclear protein quality control degradation varies with the substrate. <i>Molecular Biology of the Cell</i> , 2020, 31, 221-233.	2.1	18
10	Therapeutic genetic variation revealed in diverse Hsp104 homologs. <i>ELife</i> , 2020, 9, .	6.0	17
11	Mining Disaggregase Sequence Space to Safely Counter TDP-43, FUS, and α -Synuclein Proteotoxicity. <i>Cell Reports</i> , 2019, 28, 2080-2095.e6.	6.4	36
12	Structural basis for substrate gripping and translocation by the ClpB AAA+ disaggregase. <i>Nature Communications</i> , 2019, 10, 2393.	12.8	88
13	Hsp104 and Potentiated Variants Can Operate as Distinct Nonprocessive Translocases. <i>Biophysical Journal</i> , 2019, 116, 1856-1872.	0.5	17
14	Hydrogen exchange reveals Hsp104 architecture, structural dynamics, and energetics in physiological solution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7333-7342.	7.1	22
15	Potentiating Hsp104 activity via phosphomimetic mutations in the middle domain. <i>FEMS Yeast Research</i> , 2018, 18, .	2.3	37
16	Avidity for Polypeptide Binding by Nucleotide-Bound Hsp104 Structures. <i>Biochemistry</i> , 2017, 56, 2071-2075.	2.5	14
17	Ratchet-like polypeptide translocation mechanism of the AAA+ disaggregase Hsp104. <i>Science</i> , 2017, 357, 273-279.	12.6	241
18	<i>Escherichia coli</i> ClpB is a non-processive polypeptide translocase. <i>Biochemical Journal</i> , 2015, 470, 39-52.	3.7	37

#	ARTICLE	IF	CITATIONS
19	Examination of the dynamic assembly equilibrium for <i>E. coli</i> ClpB. Proteins: Structure, Function and Bioinformatics, 2015, 83, 2008-2024.	2.6	15