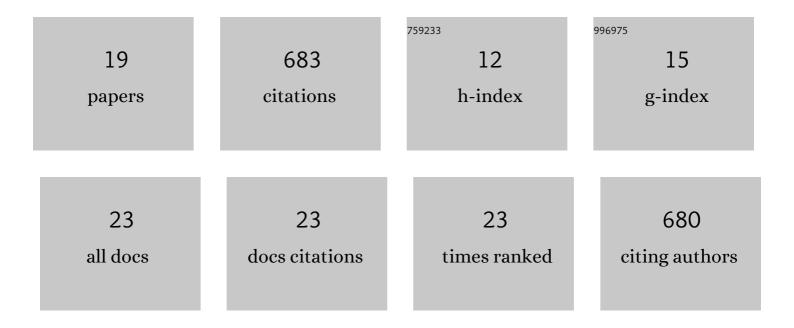
JiaBei Lin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Ratchet-like polypeptide translocation mechanism of the AAA+ disaggregase Hsp104. Science, 2017, 357, 273-279.	12.6	241
2	Structural basis for substrate gripping and translocation by the ClpB AAA+ disaggregase. Nature Communications, 2019, 10, 2393.	12.8	88
3	DAXX represents a new type of protein-folding enabler. Nature, 2021, 597, 132-137.	27.8	54
4	Conformational plasticity of the ClpAP AAA+ protease couples protein unfolding and proteolysis. Nature Structural and Molecular Biology, 2020, 27, 406-416.	8.2	51
5	<i>Escherichia coli</i> ClpB is a non-processive polypeptide translocase. Biochemical Journal, 2015, 470, 39-52.	3.7	37
6	Potentiating Hsp104 activity via phosphomimetic mutations in the middle domain. FEMS Yeast Research, 2018, 18, .	2.3	37
7	Mining Disaggregase Sequence Space to Safely Counter TDP-43, FUS, and α-Synuclein Proteotoxicity. Cell Reports, 2019, 28, 2080-2095.e6.	6.4	36
8	Hydrogen exchange reveals Hsp104 architecture, structural dynamics, and energetics in physiological solution. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7333-7342.	7.1	22
9	The extent of Ssa1/Ssa2 Hsp70 chaperone involvement in nuclear protein quality control degradation varies with the substrate. Molecular Biology of the Cell, 2020, 31, 221-233.	2.1	18
10	Hsp104 and Potentiated Variants Can Operate as Distinct Nonprocessive Translocases. Biophysical Journal, 2019, 116, 1856-1872.	0.5	17
11	Therapeutic genetic variation revealed in diverse Hsp104 homologs. ELife, 2020, 9, .	6.0	17
12	Structural and kinetic basis for the regulation and potentiation of Hsp104 function. Proceedings of the United States of America, 2020, 117, 9384-9392.	7.1	16
13	Examination of the dynamic assembly equilibrium for <scp><i>E</i></scp> <i>. coli</i> ClpB. Proteins: Structure, Function and Bioinformatics, 2015, 83, 2008-2024.	2.6	15
14	Avidity for Polypeptide Binding by Nucleotide-Bound Hsp104 Structures. Biochemistry, 2017, 56, 2071-2075.	2.5	14
15	AAA+ proteins: one motor, multiple ways to work. Biochemical Society Transactions, 2022, 50, 895-906.	3.4	13
16	Developing therapeutic protein disaggregases for neurodegenerative disease. Alzheimer's and Dementia, 2020, 16, e047421.	0.8	0
17	Increased Nuclear Localization of Engineered Hsp104 Variants Mitigates aS, FUS, and TDPâ€43 Toxicity in Yeast. FASEB Journal, 2022, 36, .	0.5	0
18	Elucidating the mechanism of potentiated Hsp104 NBD2 variants against proteotoxicity. FASEB Journal, 2022, 36, .	0.5	0

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#	Article	IF	CITATIONS
19	Developing therapeutic protein disaggregases for Neurodegenerative Disease. FASEB Journal, 2022, 36, .	0.5	Ο