

Stephanie N Gates

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,075
citations

933447

10
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

1415
citing authors

#	ARTICLE	IF	CITATIONS
1	Ratchet-like polypeptide translocation mechanism of the AAA+ disaggregase Hsp104. <i>Science</i> , 2017, 357, 273-279.	12.6	241
2	Substrate-engaged 26 <i>S</i> proteasome structures reveal mechanisms for ATP-hydrolysis-driven translocation. <i>Science</i> , 2018, 362, .	12.6	226
3	Polyphosphate: A Conserved Modifier of Amyloidogenic Processes. <i>Molecular Cell</i> , 2016, 63, 768-780.	9.7	117
4	Spiral architecture of the Hsp104 disaggregase reveals the basis for polypeptide translocation. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 830-837.	8.2	102
5	Structural basis for substrate gripping and translocation by the ClpB AAA+ disaggregase. <i>Nature Communications</i> , 2019, 10, 2393.	12.8	88
6	Stairway to translocation: AAA+ motor structures reveal the mechanisms of ATP-dependent substrate translocation. <i>Protein Science</i> , 2020, 29, 407-419.	7.6	87
7	The Protein Targeting Factor Get3 Functions as ATP-Independent Chaperone under Oxidative Stress Conditions. <i>Molecular Cell</i> , 2014, 56, 116-127.	9.7	58
8	Multisystem Proteinopathy Mutations in VCP/p97 Increase NPLOC4-UFD1L Binding and Substrate Processing. <i>Structure</i> , 2019, 27, 1820-1829.e4.	3.3	51
9	The structure of an Hsp90-immunophilin complex reveals cochaperone recognition of the client maturation state. <i>Molecular Cell</i> , 2021, 81, 3496-3508.e5.	9.7	46
10	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
11	A pentameric protein ring with novel architecture is required for herpesviral packaging. <i>ELife</i> , 2021, 10, .	6.0	9