

Bob Schiffrin

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

608
citations

949033

11
h-index

1336881

12
g-index

14
all docs

14
docs citations

14
times ranked

795
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic interplay between the periplasmic chaperone SurA and the BAM complex in outer membrane protein folding. <i>Communications Biology</i> , 2022, 5, .	2.0	12
2	The role of membrane destabilisation and protein dynamics in BAM catalysed OMP folding. <i>Nature Communications</i> , 2021, 12, 4174.	5.8	22
3	Distortion of the bilayer and dynamics of the BAM complex in lipid nanodiscs. <i>Communications Biology</i> , 2020, 3, 766.	2.0	32
4	<scp>PyXlinkViewer</scp>: A flexible tool for visualization of protein chemical crosslinking data within the <scp>PyMOL</scp> molecular graphics system. <i>Protein Science</i> , 2020, 29, 1851-1857.	3.1	56
5	Inter-domain dynamics in the chaperone SurA and multi-site binding to its outer membrane protein clients. <i>Nature Communications</i> , 2020, 11, 2155.	5.8	48
6	An in vivo platform to select and evolve aggregation-resistant proteins. <i>Nature Communications</i> , 2020, 11, 1816.	5.8	22
7	The Role of SurA PPlase Domains in Preventing Aggregation of the Outer-Membrane Proteins tOmpA and OmpT. <i>Journal of Molecular Biology</i> , 2019, 431, 1267-1283.	2.0	22
8	Effects of Periplasmic Chaperones and Membrane Thickness on BamA-Catalyzed Outer-Membrane Protein Folding. <i>Journal of Molecular Biology</i> , 2017, 429, 3776-3792.	2.0	63
9	Outer membrane protein folding from an energy landscape perspective. <i>BMC Biology</i> , 2017, 15, 123.	1.7	62
10	Skp is a multivalent chaperone of outer-membrane proteins. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 786-793.	3.6	82
11	Lateral opening in the intact β^2 -barrel assembly machinery captured by cryo-EM. <i>Nature Communications</i> , 2016, 7, 12865.	5.8	157
12	Rapid and Robust Polyprotein Production Facilitates Single-Molecule Mechanical Characterization of β^2 -Barrel Assembly Machinery Polypeptide Transport Associated Domains. <i>ACS Nano</i> , 2015, 9, 8811-8821.	7.3	26