

Bob Schiffrin

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

608
citations

840728

11
h-index

1199563

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g-index

14
all docs

14
docs citations

14
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	Lateral opening in the intact β -barrel assembly machinery captured by cryo-EM. Nature Communications, 2016, 7, 12865.	12.8	157
2	Skp is a multivalent chaperone of outer-membrane proteins. Nature Structural and Molecular Biology, 2016, 23, 786-793.	8.2	82
3	Effects of Periplasmic Chaperones and Membrane Thickness on BamA-Catalyzed Outer-Membrane Protein Folding. Journal of Molecular Biology, 2017, 429, 3776-3792.	4.2	63
4	Outer membrane protein folding from an energy landscape perspective. BMC Biology, 2017, 15, 123.	3.8	62
5	<sc>PyXlinkViewer</sc>: A flexible tool for visualization of protein chemical crosslinking data within the <sc>PyMOL</sc> molecular graphics system. Protein Science, 2020, 29, 1851-1857.	7.6	56
6	Inter-domain dynamics in the chaperone SurA and multi-site binding to its outer membrane protein clients. Nature Communications, 2020, 11, 2155.	12.8	48
7	Distortion of the bilayer and dynamics of the BAM complex in lipid nanodiscs. Communications Biology, 2020, 3, 766.	4.4	32
8	Rapid and Robust Polyprotein Production Facilitates Single-Molecule Mechanical Characterization of β -Barrel Assembly Machinery Polypeptide Transport Associated Domains. ACS Nano, 2015, 9, 8811-8821.	14.6	26
9	The Role of SurA PPlase Domains in Preventing Aggregation of the Outer-Membrane Proteins tOmpA and OmpT. Journal of Molecular Biology, 2019, 431, 1267-1283.	4.2	22
10	An in vivo platform to select and evolve aggregation-resistant proteins. Nature Communications, 2020, 11, 1816.	12.8	22
11	The role of membrane destabilisation and protein dynamics in BAM catalysed OMP folding. Nature Communications, 2021, 12, 4174.	12.8	22
12	Dynamic interplay between the periplasmic chaperone SurA and the BAM complex in outer membrane protein folding. Communications Biology, 2022, 5, .	4.4	12