Linda L Randall

List of Publications by Year
in descending order

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26 papers	1,317 citations	430874 18 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	655 citing authors

#	Article	IF	Citations
1	Comparison of Single and Multiple Turnovers of SecYEG in Escherichia coli. Journal of Bacteriology, 2020, 202, .	2.2	7
2	Direct visualization of the <i>E. coli</i> Sec translocase engaging precursor proteins in lipid bilayers. Science Advances, 2019, 5, eaav9404.	10.3	19
3	Coassembly of SecYEG and SecA Fully Restores the Properties of the Native Translocon. Journal of Bacteriology, 2019, 201, .	2.2	11
4	Penetration into membrane of aminoâ€terminal region of SecA when associated with SecYEG in active complexes. Protein Science, 2018, 27, 681-691.	7.6	21
5	The Sec System: Protein Export in <i>Escherichia coli</i>. EcoSal Plus, 2017, 7, .	5.4	75
6	Determination of the intracellular concentration of the export chaperone SecB in Escherichia coli. PLoS ONE, 2017, 12, e0183231.	2.5	8
7	The Basis of Asymmetry in the SecA:SecB Complex. Journal of Molecular Biology, 2015, 427, 887-900.	4.2	13
8	Direct identification of the site of binding on the chaperone SecB for the amino terminus of the translocon motor SecA. Protein Science, 2010, 19, 1173-1179.	7.6	16
9	Export chaperone SecB uses one surface of interaction for diverse unfolded polypeptide ligands. Protein Science, 2009, 18, 1860-1868.	7.6	25
10	Sites of Interaction of a Precursor Polypeptide on the Export Chaperone SecB Mapped by Site-directed Spin Labeling. Journal of Molecular Biology, 2006, 363, 63-74.	4.2	41
11	Characterization of three areas of interactions stabilizing complexes between SecA and SecB, two proteins involved in protein export. Protein Science, 2006, 15, 1379-1386.	7.6	20
12	Asymmetric Binding Between SecA and SecB Two Symmetric Proteins: Implications for Function in Export. Journal of Molecular Biology, 2005, 348, 479-489.	4.2	67
13	Mapping of the Docking of SecA onto the Chaperone SecB by Site-directed Spin Labeling: Insight into the Mechanism of Ligand Transfer During Protein Export. Journal of Molecular Biology, 2005, 353, 295-307.	4.2	47
14	Sites of interaction between SecA and the chaperone SecB, two proteins involved in export. Protein Science, 2004, 13, 1124-1133.	7.6	37
15	Complexes between Protein Export Chaperone SecB and SecA. Journal of Biological Chemistry, 2000, 275, 24191-24198.	3.4	48
16	The observation of chaperoneâ€ligand noncovalent complexes with electrospray ionization mass spectrometry. Protein Science, 1998, 7, 1180-1185.	7.6	38
17	Calorimetric analyses of the interaction between SecB and its ligands. Protein Science, 1998, 7, 1195-1200.	7.6	38
18	The interaction between the chaperone SecB and its ligands: Evidence for multiple subsites for binding. Protein Science, 1998, 7, 2384-2390.	7.6	43

#	ARTICLE	IF	CITATIONS
19	Correlation between requirement for SecA during export and folding properties of precursor polypeptides. Molecular Microbiology, 1998, 27, 469-476.	2.5	6
20	Determination of the binding frame of the chaperone SecB within the physiological ligand oligopeptideâ€binding protein. Protein Science, 1997, 6, 1746-1755.	7.6	28
21	Electrospray mass spectrometric investigation of the chaperone SecB. Protein Science, 1996, 5, 488-494.	7.6	65
22	Interaction of SecB with intermediates along the folding pathway of maltoseâ€binding protein. Protein Science, 1995, 4, 1118-1123.	7.6	20
23	Determination of the binding frame within a physiological ligand for the chaperone SecB. Protein Science, 1994, 3, 730-736.	7.6	60
24	Correlation of competence for export with lack of tertiary structure of the mature species: A study in vivo of maltose-binding protein in E. coli. Cell, 1986, 46, 921-928.	28.9	523
25	Cellular location of enterotoxin in <i>Escherichia coli</i>. Biochemical Society Transactions, 1984, 12, 189-191.	3.4	0
26	Assembly In Vivo of Enterotoxin from <i>Escherichia coli</i> : Formation of the B Subunit Oligomer. Journal of Bacteriology, 1983, 153, 21-26.	2.2	41