Linda L Randall

List of Publications by Year
in descending order

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	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
2	The Sec System: Protein Export in Escherichia coli. EcoSal Plus, 2017, 7, .	5.4	75
3	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
4	Electrospray mass spectrometric investigation of the chaperone SecB. Protein Science, 1996, 5, 488-494.	7.6	65
5	Determination of the binding frame within a physiological ligand for the chaperone SecB. Protein Science, 1994, 3, 730-736.	7.6	60
6	Complexes between Protein Export Chaperone SecB and SecA. Journal of Biological Chemistry, 2000, 275, 24191-24198.	3.4	48
7	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
8	The interaction between the chaperone SecB and its ligands: Evidence for multiple subsites for binding. Protein Science, 1998, 7, 2384-2390.	7.6	43
9	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
10	Assembly In Vivo of Enterotoxin from Escherichia coli : Formation of the B Subunit Oligomer. Journal of Bacteriology, 1983, 153, 21-26.	2.2	41
11	The observation of chaperoneâ€ligand noncovalent complexes with electrospray ionization mass spectrometry. Protein Science, 1998, 7, 1180-1185.	7.6	38
12	Calorimetric analyses of the interaction between SecB and its ligands. Protein Science, 1998, 7, 1195-1200.	7.6	38
13	Sites of interaction between SecA and the chaperone SecB, two proteins involved in export. Protein Science, 2004, 13, 1124-1133.	7.6	37
14	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
15	Export chaperone SecB uses one surface of interaction for diverse unfolded polypeptide ligands. Protein Science, 2009, 18, 1860-1868.	7.6	25
16	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
17	Interaction of SecB with intermediates along the folding pathway of maltoseâ€binding protein. Protein Science, 1995, 4, 1118-1123.	7.6	20
18	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

#	Article	IF	Citations
19	Direct visualization of the E. coli Sec translocase engaging precursor proteins in lipid bilayers. Science Advances, 2019, 5, eaav9404.	10.3	19
20	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
21	The Basis of Asymmetry in the SecA:SecB Complex. Journal of Molecular Biology, 2015, 427, 887-900.	4.2	13
22	Coassembly of SecYEG and SecA Fully Restores the Properties of the Native Translocon. Journal of Bacteriology, 2019, 201, .	2.2	11
23	Determination of the intracellular concentration of the export chaperone SecB in Escherichia coli. PLoS ONE, 2017, 12, e0183231.	2.5	8
24	Comparison of Single and Multiple Turnovers of SecYEG in Escherichia coli. Journal of Bacteriology, 2020, 202, .	2.2	7
25	Correlation between requirement for SecA during export and folding properties of precursor polypeptides. Molecular Microbiology, 1998, 27, 469-476.	2.5	6
26	Cellular location of enterotoxin in Escherichia coli. Biochemical Society Transactions, 1984, 12, 189-191.	3.4	0