

Joen Luirink

List of Publications by Year in descending order

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169
papers

10,148
citations

26567

56
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40881

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172
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172
docs citations

172
times ranked

5871
citing authors

#	ARTICLE	IF	CITATIONS
1	A bacterial extracellular vesicle-based intranasal vaccine against SARS-CoV-2 protects against disease and elicits neutralizing antibodies to wild-type and Delta variants. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12192.	5.5	60
2	Overexpression of the Bam Complex Improves the Production of <i>Chlamydia trachomatis</i> MOMP in the <i>E. coli</i> Outer Membrane. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7393.	1.8	3
3	Eeyarestatin 24 impairs SecYEG-dependent protein trafficking and inhibits growth of clinically relevant pathogens. <i>Molecular Microbiology</i> , 2021, 115, 28-40.	1.2	7
4	A post-insertion strategy for surface functionalization of bacterial and mammalian cell-derived extracellular vesicles. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129763.	1.1	13
5	Surface Labeling with Adhesion Protein FimH Improves Binding of Immunotherapeutic Agent <i>Salmonella</i> Ty21a to the Bladder Epithelium. <i>Bladder Cancer</i> , 2021, 7, 79-90.	0.2	0
6	A ban on BAM: an update on inhibitors of the β -barrel assembly machinery. <i>FEMS Microbiology Letters</i> , 2021, 368, .	0.7	13
7	Combining Cell Envelope Stress Reporter Assays in a Screening Approach to Identify BAM Complex Inhibitors. <i>ACS Infectious Diseases</i> , 2021, 7, 2250-2263.	1.8	13
8	Overproducing the BAM complex improves secretion of difficult-to-secrete recombinant autotransporter chimeras. <i>Microbial Cell Factories</i> , 2021, 20, 176.	1.9	3
9	Intranasal vaccination with protein bodies elicit strong protection against <i>Streptococcus pneumoniae</i> colonization. <i>Vaccine</i> , 2021, 39, 6920-6929.	1.7	10
10	The <i>Escherichia coli</i> Outer Membrane β -Barrel Assembly Machinery (BAM) Crosstalks with the Divisome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12101.	1.8	5
11	Bacterial inclusion bodies function as vehicles for dendritic cell-mediated T cell responses. <i>Cellular and Molecular Immunology</i> , 2020, 17, 415-417.	4.8	9
12	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. <i>PLoS Biology</i> , 2020, 18, e3000874.	2.6	19
13	Exploring metal availability in the natural niche of <i>Streptococcus pneumoniae</i> to discover potential vaccine antigens. <i>Virulence</i> , 2020, 11, 1310-1328.	1.8	8
14	Stress-Based High-Throughput Screening Assays to Identify Inhibitors of Cell Envelope Biogenesis. <i>Antibiotics</i> , 2020, 9, 808.	1.5	15
15	Combining Protein Ligation Systems to Expand the Functionality of Semi-Synthetic Outer Membrane Vesicle Nanoparticles. <i>Frontiers in Microbiology</i> , 2020, 11, 890.	1.5	23
16	Mutagenesis-Based Characterization and Improvement of a Novel Inclusion Body Tag. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 7, 442.	2.0	4
17	Development of a high-throughput bioassay for screening of antibiotics in aquatic environmental samples. <i>Science of the Total Environment</i> , 2020, 729, 139028.	3.9	13
18	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0

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19	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
20	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
21	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
22	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
23	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
24	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
25	Posttranslational insertion of small membrane proteins by the bacterial signal recognition particle. , 2020, 18, e3000874.		0
26	Interrogating the Essential Bacterial Cell Division Protein FtsQ with Fragments Using Target Immobilized NMR Screening (TINS). International Journal of Molecular Sciences, 2019, 20, 3684.	1.8	3
27	Inhibition of autotransporter biogenesis by small molecules. Molecular Microbiology, 2019, 112, 81-98.	1.2	20
28	Outer membrane vesicles engineered to express membrane-bound antigen program dendritic cells for cross-presentation to CD8+ T cells. Acta Biomaterialia, 2019, 91, 248-257.	4.1	76
29	Checks and Balances in Bacterial Cell Division. MBio, 2019, 10, .	1.8	21
30	Distinct Requirements for Tail-Anchored Membrane Protein Biogenesis in Escherichia coli. MBio, 2019, 10, .	1.8	7
31	Display of Recombinant Proteins on Bacterial Outer Membrane Vesicles by Using Protein Ligation. Applied and Environmental Microbiology, 2018, 84, .	1.4	44
32	SRP, FtsY, DnaK and YidC Are Required for the Biogenesis of the E. coli Tail-Anchored Membrane Proteins DjIC and Flk. Journal of Molecular Biology, 2018, 430, 389-403.	2.0	28
33	Structural Analysis of the Interaction between the Bacterial Cell Division Proteins FtsQ and FtsB. MBio, 2018, 9, .	1.8	40
34	Immunization With Skp Delivered on Outer Membrane Vesicles Protects Mice Against Enterotoxigenic Escherichia coli Challenge. Frontiers in Cellular and Infection Microbiology, 2018, 8, 132.	1.8	24
35	On display: autotransporter secretion and application. FEMS Microbiology Letters, 2018, 365, .	0.7	30
36	Comparing autotransporter $\hat{2}$ -domain configurations for their capacity to secrete heterologous proteins to the cell surface. PLoS ONE, 2018, 13, e0191622.	1.1	11

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37	Application of an E. coli signal sequence as a versatile inclusion body tag. <i>Microbial Cell Factories</i> , 2017, 16, 50.	1.9	48
38	Th17-Mediated Cross Protection against Pneumococcal Carriage by Vaccination with a Variable Antigen. <i>Infection and Immunity</i> , 2017, 85, .	1.0	36
39	Optimizing E. coli-Based Membrane Protein Production Using Lemo21(DE3) or pReX and GFP-Fusions. <i>Methods in Molecular Biology</i> , 2017, 1586, 109-126.	0.4	6
40	Processing of cell surface signalling anti- σ factors prior to signal recognition is a conserved autoproteolytic mechanism that produces two functional domains. <i>Environmental Microbiology</i> , 2015, 17, 3263-3277.	1.8	26
41	Cell age dependent concentration of Escherichia coli divisome proteins analyzed with ImageJ and ObjectJ. <i>Frontiers in Microbiology</i> , 2015, 6, 586.	1.5	92
42	The Soluble Periplasmic Domains of Escherichia coli Cell Division Proteins FtsQ/FtsB/FtsL Form a Trimeric Complex with Submicromolar Affinity. <i>Journal of Biological Chemistry</i> , 2015, 290, 21498-21509.	1.6	37
43	Of linkers and autochaperones: an unambiguous nomenclature to identify common and uncommon themes for autotransporter secretion. <i>Molecular Microbiology</i> , 2015, 95, 1-16.	1.2	34
44	Salmonella outer membrane vesicles displaying high densities of pneumococcal antigen at the surface offer protection against colonization. <i>Vaccine</i> , 2015, 33, 2022-2029.	1.7	92
45	Autotransporter-Based Antigen Display in Bacterial Ghosts. <i>Applied and Environmental Microbiology</i> , 2015, 81, 726-735.	1.4	22
46	An autotransporter display platform for the development of multivalent recombinant bacterial vector vaccines. <i>Microbial Cell Factories</i> , 2014, 13, 162.	1.9	38
47	Analysis of SecA2-dependent substrates in <i>Mycobacterium marinum</i> identifies protein kinase G (PknG) as a virulence effector. <i>Cellular Microbiology</i> , 2014, 16, 280-295.	1.1	49
48	Cryo-electron Microscopic Structure of SecA Protein Bound to the 70S Ribosome. <i>Journal of Biological Chemistry</i> , 2014, 289, 7190-7199.	1.6	35
49	Type V secretion: From biogenesis to biotechnology. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1592-1611.	1.9	102
50	Decoration of Outer Membrane Vesicles with Multiple Antigens by Using an Autotransporter Approach. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5854-5865.	1.4	95
51	Optimizing heterologous protein production in the periplasm of E. coli by regulating gene expression levels. <i>Microbial Cell Factories</i> , 2013, 12, 24.	1.9	114
52	Differential Detergent Extraction of Mycobacterium marinum Cell Envelope Proteins Identifies an Extensively Modified Threonine-Rich Outer Membrane Protein with Channel Activity. <i>Journal of Bacteriology</i> , 2013, 195, 2050-2059.	1.0	25
53	Fine-mapping the Contact Sites of the Escherichia coli Cell Division Proteins FtsB and FtsL on the FtsQ Protein*. <i>Journal of Biological Chemistry</i> , 2013, 288, 24340-24350.	1.6	31
54	Hsp33 Controls Elongation Factor-Tu Stability and Allows Escherichia coli Growth in the Absence of the Major DnaK and Trigger Factor Chaperones. <i>Journal of Biological Chemistry</i> , 2012, 287, 44435-44446.	1.6	26

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55	Composition of the type <scp>VII</scp> secretion system membrane complex. <i>Molecular Microbiology</i> , 2012, 86, 472-484.	1.2	155
56	Estimating the Size of the Active Translocation Pore of an Autotransporter. <i>Journal of Molecular Biology</i> , 2012, 416, 335-345.	2.0	32
57	A structurally informed autotransporter platform for efficient heterologous protein secretion and display. <i>Microbial Cell Factories</i> , 2012, 11, 85.	1.9	43
58	General secretion signal for the mycobacterial type VII secretion pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11342-11347.	3.3	177
59	Specific Chaperones for the Type VII Protein Secretion Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 31939-31947.	1.6	79
60	Getting Across the Cell Envelope: Mycobacterial Protein Secretion. <i>Current Topics in Microbiology and Immunology</i> , 2012, 374, 109-134.	0.7	15
61	Unexpected Link between Lipooligosaccharide Biosynthesis and Surface Protein Release in <i>Mycobacterium marinum</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 20417-20429.	1.6	41
62	Biogenesis of inner membrane proteins in <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 965-976.	0.5	64
63	Characterization of the Consequences of YidC Depletion on the Inner Membrane Proteome of <i>E. coli</i> Using 2D Blue Native/SDS-PAGE. <i>Journal of Molecular Biology</i> , 2011, 409, 124-135.	2.0	39
64	Autotransporter \hat{I}^2 -Domains Have a Specific Function in Protein Secretion beyond Outer-Membrane Targeting. <i>Journal of Molecular Biology</i> , 2011, 412, 553-567.	2.0	31
65	Role for <i>Escherichia coli</i> YidD in Membrane Protein Insertion. <i>Journal of Bacteriology</i> , 2011, 193, 5242-5251.	1.0	20
66	Consequences of Depletion of the Signal Recognition Particle in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 4598-4609.	1.6	36
67	Activators of the Glutamate-Dependent Acid Resistance System Alleviate Deleterious Effects of YidC Depletion in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2011, 193, 1308-1316.	1.0	7
68	Conserved Pro-Glu (PE) and Pro-Pro-Glu (PPE) Protein Domains Target LipY Lipases of Pathogenic Mycobacteria to the Cell Surface via the ESX-5 Pathway. <i>Journal of Biological Chemistry</i> , 2011, 286, 19024-19034.	1.6	122
69	Channel properties of the translocator domain of the autotransporter Hbp of <i>Escherichia coli</i> . <i>Molecular Membrane Biology</i> , 2011, 28, 158-170.	2.0	18
70	Extracellular production of recombinant proteins using bacterial autotransporters. <i>Current Opinion in Biotechnology</i> , 2010, 21, 646-652.	3.3	65
71	Role of domains within the autotransporter Hbp/Tsh. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 1295-1300.	2.5	13
72	YidC Is Involved in the Biogenesis of the Secreted Autotransporter Hemoglobin Protease. <i>Journal of Biological Chemistry</i> , 2010, 285, 39682-39690.	1.6	23

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73	A Conserved Aromatic Residue in the Autochaperone Domain of the Autotransporter Hbp Is Critical for Initiation of Outer Membrane Translocation. <i>Journal of Biological Chemistry</i> , 2010, 285, 38224-38233.	1.6	56
74	Characterization of ftsZ Mutations that Render <i>Bacillus subtilis</i> Resistant to MinC. <i>PLoS ONE</i> , 2010, 5, e12048.	1.1	11
75	The Bam (Omp85) complex is involved in secretion of the autotransporter haemoglobin protease. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3982-3991.	0.7	121
76	Delivering proteins for export from the cytosol. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 255-264.	16.1	170
77	YidC is required for the assembly of the MscL homopentameric pore. <i>FEBS Journal</i> , 2009, 276, 4891-4899.	2.2	22
78	Type VII secretion in mycobacteria: classification in line with cell envelope structure. <i>Trends in Microbiology</i> , 2009, 17, 337-338.	3.5	25
79	Pbp, a cell-surface exposed plasminogen binding protein of <i>Bacteroides fragilis</i> . <i>Microbes and Infection</i> , 2008, 10, 514-521.	1.0	13
80	Detection of cross-links between FtsH, YidC, HflK/C suggests a linked role for these proteins in quality control upon insertion of bacterial inner membrane proteins. <i>FEBS Letters</i> , 2008, 582, 1419-1424.	1.3	66
81	The conserved extension of the Hbp autotransporter signal peptide does not determine targeting pathway specificity. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 522-527.	1.0	19
82	Biogenesis of MalF and the MalFGK2 Maltose Transport Complex in <i>Escherichia coli</i> Requires YidC. <i>Journal of Biological Chemistry</i> , 2008, 283, 17881-17890.	1.6	58
83	The Conserved Third Transmembrane Segment of YidC Contacts Nascent <i>Escherichia coli</i> Inner Membrane Proteins. <i>Journal of Biological Chemistry</i> , 2008, 283, 34635-34642.	1.6	39
84	Contribution of the FtsQ Transmembrane Segment to Localization to the Cell Division Site. <i>Journal of Bacteriology</i> , 2007, 189, 7273-7280.	1.0	19
85	Cotranslational Protein Targeting in <i>Escherichia coli</i> . <i>The Enzymes</i> , 2007, 25, 3-34.	0.7	0
86	Flexibility in targeting and insertion during bacterial membrane protein biogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 727-733.	1.0	7
87	Type VII secretion in mycobacteria show the way. <i>Nature Reviews Microbiology</i> , 2007, 5, 883-891.	13.6	628
88	Limited tolerance towards folded elements during secretion of the autotransporter Hbp. <i>Molecular Microbiology</i> , 2007, 63, 1524-1536.	1.2	105
89	<i>Saccharomyces cerevisiae</i> Cox18 complements the essential Sec-independent function of <i>Escherichia coli</i> YidC. <i>FEBS Journal</i> , 2007, 274, 5704-5713.	2.2	21
90	A specific secretion system mediates PPE41 transport in pathogenic mycobacteria. <i>Molecular Microbiology</i> , 2006, 62, 667-679.	1.2	211

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91	Distinct Requirements for Translocation of the N-tail and C-tail of the Escherichia coli Inner Membrane Protein CyoA. <i>Journal of Biological Chemistry</i> , 2006, 281, 10002-10009.	1.6	72
92	Sequence-specific Interactions of Nascent Escherichia coli Polypeptides with Trigger Factor and Signal Recognition Particle. <i>Journal of Biological Chemistry</i> , 2006, 281, 13999-14005.	1.6	35
93	Signal peptide hydrophobicity is critical for early stages in protein export by Bacillus subtilis. <i>FEBS Journal</i> , 2005, 272, 4617-4630.	2.2	55
94	Characterization of an iron-regulated alpha-enolase of Bacteroides fragilis. <i>Microbes and Infection</i> , 2005, 7, 9-18.	1.0	26
95	Early encounters of a nascent membrane protein. <i>Journal of Cell Biology</i> , 2005, 170, 27-35.	2.3	53
96	The Sec-independent Function of Escherichia coli YidC Is Evolutionary-conserved and Essential. <i>Journal of Biological Chemistry</i> , 2005, 280, 12996-13003.	1.6	56
97	Evolution of Mitochondrial Oxa Proteins from Bacterial YidC. <i>Journal of Biological Chemistry</i> , 2005, 280, 13004-13011.	1.6	84
98	Crystal Structure of Hemoglobin Protease, a Heme Binding Autotransporter Protein from Pathogenic Escherichia coli. <i>Journal of Biological Chemistry</i> , 2005, 280, 17339-17345.	1.6	156
99	BIOGENESIS OF INNER MEMBRANE PROTEINS IN ESCHERICHIA COLI. <i>Annual Review of Microbiology</i> , 2005, 59, 329-355.	2.9	177
100	Targeting and Translocation of Two Lipoproteins in Escherichia coli via the SRP/Sec/YidC Pathway. <i>Journal of Biological Chemistry</i> , 2004, 279, 31026-31032.	1.6	45
101	SecB is a bona fide generalized chaperone in Escherichia coli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7583-7588.	3.3	105
102	Trigger factor interacts with the signal peptide of nascent Tat substrates but does not play a critical role in Tat-mediated export. <i>FEBS Journal</i> , 2004, 271, 4779-4787.	0.2	30
103	The two membrane segments of leader peptidase partition one by one into the lipid bilayer via a Sec/YidC interface. <i>EMBO Reports</i> , 2004, 5, 970-975.	2.0	43
104	SRP-mediated protein targeting: structure and function revisited. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1694, 17-35.	1.9	91
105	F1FOATP synthase subunit c is targeted by the SRP to YidC in the E. coli inner membrane. <i>FEBS Letters</i> , 2004, 576, 97-100.	1.3	78
106	Versatility of inner membrane protein biogenesis in Escherichia coli. <i>Molecular Microbiology</i> , 2003, 47, 1015-1027.	1.2	71
107	The ribosome and YidC. <i>EMBO Reports</i> , 2003, 4, 939-943.	2.0	38
108	Protein Targeting to the Inner Membrane. , 2003, , 1-21.		1

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109	Targeting and insertion of heterologous membrane proteins in E. coli. <i>Biochimie</i> , 2003, 85, 659-668.	1.3	31
110	Assembly of Inner Membrane Proteins in Escherichia Coli. , 2003, , 65-82.		0
111	A conserved function of YidC in the biogenesis of respiratory chain complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5801-5806.	3.3	133
112	Signal Recognition Particle (SRP)-mediated Targeting and Sec-dependent Translocation of an Extracellular Escherichia coli Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 4654-4659.	1.6	107
113	Interplay of signal recognition particle and trigger factor at L23 near the nascent chain exit site on the Escherichia coli ribosome. <i>Journal of Cell Biology</i> , 2003, 161, 679-684.	2.3	123
114	YidC and SecY Mediate Membrane Insertion of a Type I Transmembrane Domain. <i>Journal of Biological Chemistry</i> , 2002, 277, 35880-35886.	1.6	54
115	Targeting, Insertion, and Localization of Escherichia coli YidC. <i>Journal of Biological Chemistry</i> , 2002, 277, 12718-12723.	1.6	82
116	Escherichia coli Hemoglobin Protease Autotransporter Contributes to Synergistic Abscess Formation and Heme-Dependent Growth of Bacteroides fragilis. <i>Infection and Immunity</i> , 2002, 70, 5-10.	1.0	64
117	The presence of a helix breaker in the hydrophobic core of signal sequences of secretory proteins prevents recognition by the signal-recognition particle in Escherichia coli. <i>FEBS Journal</i> , 2002, 269, 5564-5571.	0.2	44
118	Defective translocation of a signal sequence mutant in a prlA4 suppressor strain of Escherichia coli. <i>FEBS Journal</i> , 2002, 269, 5572-5580.	0.2	1
119	Sec-dependent membrane protein insertion: sequential interaction of nascent FtsQ with SecY and YidC. <i>EMBO Reports</i> , 2001, 2, 524-529.	2.0	164
120	YidC/Oxa1p/Alb3: evolutionarily conserved mediators of membrane protein assembly. <i>FEBS Letters</i> , 2001, 501, 1-5.	1.3	125
121	Is Ffh required for export of secretory proteins?. <i>FEBS Letters</i> , 2001, 505, 245-248.	1.3	22
122	Important role of the tetraloop region of 4.5S RNA in SRP binding to its receptor FtsY. <i>Rna</i> , 2001, 7, 293-301.	1.6	64
123	Biogenesis of inner membrane proteins in Escherichia coli. <i>Molecular Microbiology</i> , 2001, 40, 314-322.	1.2	90
124	Reconstitution of Sec-dependent membrane protein insertion: nascent FtsQ interacts with YidC in a SecYEG-dependent manner. <i>EMBO Reports</i> , 2001, 2, 519-523.	2.0	102
125	Evidence for coupling of membrane targeting and function of the signal recognition particle (SRP) receptor FtsY. <i>EMBO Reports</i> , 2001, 2, 1040-1046.	2.0	42
126	Purification of the autotransporter protein Hbp of Escherichia coli. <i>FEMS Microbiology Letters</i> , 2001, 205, 147-150.	0.7	16

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127	The Early Interaction of the Outer Membrane Protein PhoE with the Periplasmic Chaperone Skp Occurs at the Cytoplasmic Membrane. <i>Journal of Biological Chemistry</i> , 2001, 276, 18804-18811.	1.6	95
128	Anionic phospholipids are involved in membrane association of FtsY and stimulate its GTPase activity. <i>EMBO Journal</i> , 2000, 19, 531-541.	3.5	145
129	YidC, the <i>Escherichia coli</i> homologue of mitochondrial Oxa1p, is a component of the Sec translocase. <i>EMBO Journal</i> , 2000, 19, 542-549.	3.5	357
130	SecB Dependence of an Exported Protein Is a Continuum Influenced by the Characteristics of the Signal Peptide or Early Mature Region. <i>Journal of Bacteriology</i> , 2000, 182, 4108-4112.	1.0	10
131	Nascent Lep inserts into the <i>Escherichia coli</i> inner membrane in the vicinity of YidC, SecY and SecA. <i>FEBS Letters</i> , 2000, 476, 229-233.	1.3	80
132	The Signal Recognition Particle-targeting Pathway Does Not Necessarily Deliver Proteins to the Sec-translocase in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 20068-20070.	1.6	37
133	SecA Is Not Required for Signal Recognition Particle-mediated Targeting and Initial Membrane Insertion of a Nascent Inner Membrane Protein. <i>Journal of Biological Chemistry</i> , 1999, 274, 29883-29888.	1.6	85
134	Molecular characterization of <i>Escherichia coli</i> FtsE and FtsX. <i>Molecular Microbiology</i> , 1999, 31, 983-993.	1.2	95
135	The <i>Escherichia coli</i> SRP and SecB targeting pathways converge at the translocon. <i>EMBO Journal</i> , 1998, 17, 2504-2512.	3.5	271
136	Characterization of a Hemoglobin Protease Secreted by the Pathogenic <i>Escherichia coli</i> Strain EB1. <i>Journal of Experimental Medicine</i> , 1998, 188, 1091-1103.	4.2	130
137	Differential use of the signal recognition particle translocase targeting pathway for inner membrane protein assembly in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 14646-14651.	3.3	119
138	The <i>E. coli</i> SRP: preferences of a targeting factor. <i>FEBS Letters</i> , 1997, 408, 1-4.	1.3	60
139	Membrane association of FtsY, the <i>E. coli</i> SRP receptor. <i>FEBS Letters</i> , 1997, 416, 225-229.	1.3	74
140	Chloroplast SRP54 Interacts with a Specific Subset of Thylakoid Precursor Proteins. <i>Journal of Biological Chemistry</i> , 1997, 272, 11622-11628.	1.6	57
141	Crystal structure of the NG domain from the signal-recognition particle receptor FtsY. <i>Nature</i> , 1997, 385, 365-368.	13.7	205
142	Ffh and FtsY in a <i>Mycoplasma mycoides</i> signal-recognition particle pathway: SRP RNA and M domain of Ffh are not required for stimulation of GTPase activity in vitro. <i>Molecular Microbiology</i> , 1997, 24, 523-534.	1.2	38
143	Nascent membrane and presecretory proteins synthesized in <i>Escherichia coli</i> associate with signal recognition particle and trigger factor. <i>Molecular Microbiology</i> , 1997, 25, 53-64.	1.2	168
144	Expression, crystallization and preliminary X-ray diffraction study of FtsY, the docking protein of the signal recognition particle of <i>E. coli</i> . , 1997, 28, 285-288.		19

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145	Assembly of a cytoplasmic membrane protein in <i>Escherichia coli</i> dependent on the signal recognition particle. <i>FEBS Letters</i> , 1996, 399, 307-309.	1.3	151
146	Growing up in a dangerous environment: a network of multiple targeting and folding pathways for nascent polypeptides in the cytosol. <i>Trends in Cell Biology</i> , 1996, 6, 480-486.	3.6	53
147	Molecular characterization of a heme-binding protein of <i>Bacteroides fragilis</i> BE1. <i>Infection and Immunity</i> , 1996, 64, 4345-4350.	1.0	19
148	Bacteriocin release proteins: mode of action, structure, and biotechnological application. <i>FEMS Microbiology Reviews</i> , 1995, 17, 381-399.	3.9	55
149	Bacteriocin release proteins: mode of action, structure, and biotechnological application. <i>FEMS Microbiology Reviews</i> , 1995, 17, 381-399.	3.9	38
150	Early events in preprotein recognition in <i>E. coli</i> : interaction of SRP and trigger factor with nascent polypeptides. <i>EMBO Journal</i> , 1995, 14, 5494-5505.	3.5	251
151	The functioning of the SRP receptor FtsY in protein-targeting in <i>E. coli</i> correlated with its ability to bind and hydrolyse GTP. <i>FEBS Letters</i> , 1995, 372, 253-258.	1.3	49
152	Early events in preprotein recognition in <i>E. coli</i> : interaction of SRP and trigger factor with nascent polypeptides. <i>EMBO Journal</i> , 1995, 14, 5494-5505.	3.5	93
153	An alternative protein targeting pathway in <i>Escherichia coli</i> : studies on the role of FtsY. <i>EMBO Journal</i> , 1994, 13, 2289-2296.	3.5	227
154	Mammalian and <i>Escherichia coli</i> signal recognition particles. <i>Molecular Microbiology</i> , 1994, 11, 9-13.	1.2	102
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