Jan Tommassen

List of Publications by Year
in descending order

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244	13,949	14614	31759
papers	citations	66	101
		h-index	g-index

248	248	248	8600
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liquid Chromatography-Tandem Mass Spectrometry Analysis Demonstrates a Decrease in Porins and Increase in CMY-2 Î²-Lactamases in Escherichia coli Exposed to Increasing Concentrations of Meropenem. Frontiers in Microbiology, 2022, 13, 793738.	1.5	3
2	Pal depletion results in hypervesiculation and affects cell morphology and outer-membrane lipid asymmetry in bordetellae. Research in Microbiology, 2022, , 103937.	1.0	3
3	Conditional growth defect of Bordetella pertussis and Bordetella bronchiseptica ferric uptake regulator (fur) mutants. FEMS Microbiology Letters, 2022, 369, .	0.7	2
4	Heat shock enhances outer-membrane vesicle release in Bordetella spp.. Current Research in Microbial Sciences, 2021, 2, 100009.	1.4	14
5	Reduction of endotoxicity in Bordetella bronchiseptica by lipid A engineering: Characterization of lpxL1 and pagP mutants. Virulence, 2021, 12, 1452-1468.	1.8	5
6	PMAP-36 reduces the innate immune response induced by Bordetella bronchiseptica-derived outer membrane vesicles. Current Research in Microbial Sciences, 2021, 2, 100010.	1.4	10
7	Biofilms as Promoters of Bacterial Antibiotic Resistance and Tolerance. Antibiotics, 2021, 10, 3.	1.5	206
8	Serum proteases prevent bacterial biofilm formation: role of kallikrein and plasmin. Virulence, 2021, 12, 2902-2917.	1.8	3
9	Shortening the Lipid A Acyl Chains of Bordetella pertussis Enables Depletion of Lipopolysaccharide Endotoxic Activity. Vaccines, 2020, 8, 594.	2.1	13
10	The outer-membrane protein MafA of Neisseria meningitidis constitutes a novel protein secretion pathway specific for the fratricide protein MafB. Virulence, 2020, 11, 1701-1715.	1.8	8
11	In vivo transcriptomes of Streptococcus suis reveal genes required for niche-specific adaptation and pathogenesis. Virulence, 2019, 10, 334-351.	1.8	22
12	Substrate specificity of the pyrophosphohydrolase LpxH determines the asymmetry of Bordetella pertussis lipid A. Journal of Biological Chemistry, 2019, 294, 7982-7989.	1.6	4
13	Spread of Carbapenem Resistance by Transposition and Conjugation Among Pseudomonas aeruginosa. Frontiers in Microbiology, 2018, 9, 2057.	1.5	38
14	Acquisition of Carbapenem Resistance by Plasmid-Encoded-AmpC-Expressing Escherichia coli. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	39
15	Meningococcal Biofilm Formation: Let's Stick Together. Trends in Microbiology, 2017, 25, 113-124.	3.5	28
16	Biological Functions of the Secretome of Neisseria meningitidis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 256.	1.8	34
17	Interstrain Cooperation in Meningococcal Biofilms: Role of Autotransporters NalP and AutA. Frontiers in Microbiology, 2017, 8, 434.	1.5	10
18	Expression of the Gene for Autotransporter AutB of Neisseria meningitidis Affects Biofilm Formation and Epithelial Transmigration. Frontiers in Cellular and Infection Microbiology, 2016, 6, 162.	1.8	20

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19	Virulence Factors of Pseudomonas aeruginosa Induce Both the Unfolded Protein and Integrated Stress Responses in Airway Epithelial Cells. PLoS Pathogens, 2015, 11, e1004946.	2.1	83
20	Transport of lipopolysaccharide to the Gram-negative bacterial cell surface. FEMS Microbiology Reviews, 2015, 39, 985-1002.	3.9	75
21	Fratricide activity of MafB protein of N. meningitidis strain B16B6. BMC Microbiology, 2015, 15, 156.	1.3	20
22	The meningococcal autotransporter <scp>AutA</scp> is implicated in autoaggregation and biofilm formation. Environmental Microbiology, 2015, 17, 1321-1337.	1.8	34
23	Experimental Methods for Studying the BAM Complex in Neisseria meningitidis. Methods in Molecular Biology, 2015, 1329, 33-49.	0.4	6
24	Unearthing the genomes of plant-beneficial Pseudomonas model strains WCS358, WCS374 and WCS417. BMC Genomics, 2015, 16, 539.	1.2	184
25	Increased Expression Levels of Chromosomal AmpC Î²-Lactamase in ClinicalEscherichia coliIsolates and Their Effect on Susceptibility to Extended-Spectrum Cephalosporins. Microbial Drug Resistance, 2015, 21, 7-16.	0.9	12
26	Reprint of â€œInhibition of biofilm formation by Camelid single-domain antibodies against the flagellum of Pseudomonas aeruginosaâ€• Journal of Biotechnology, 2014, 191, 131-138.	1.9	13
27	Involvement of Neisseria meningitidis Lipoprotein GNA2091 in the Assembly of a Subset of Outer Membrane Proteins. Journal of Biological Chemistry, 2014, 289, 15602-15610.	1.6	27
28	Variable processing of the IgA protease autotransporter at the cell surface of Neisseria meningitidis. Microbiology (United Kingdom), 2014, 160, 2421-2431.	0.7	22
29	Ght Protein of Neisseria meningitidis Is Involved in the Regulation of Lipopolysaccharide Biosynthesis. Journal of Bacteriology, 2014, 196, 780-789.	1.0	11
30	Inhibition of biofilm formation by Camelid single-domain antibodies against the flagellum of Pseudomonas aeruginosa. Journal of Biotechnology, 2014, 186, 66-73.	1.9	14
31	Solid-State NMR Studies of Full-Length BamA in Lipid Bilayers Suggest Limited Overall POTRA Mobility. Journal of Molecular Biology, 2014, 426, 2009-2021.	2.0	43
32	Domain exchange at the 3â€™ end of the gene encoding the fratricide meningococcal two-partner secretion protein A. BMC Genomics, 2013, 14, 622.	1.2	37
33	The type <scp>II</scp> secretion system (<scp>X</scp>cp) of <scp>P</scp>seudomonas putida is active and involved in the secretion of phosphatases. Environmental Microbiology, 2013, 15, 2658-2671.	1.8	29
34	Involvement of three meningococcal surfaceâ€exposed proteins, the heparinâ€binding protein <scp>NhbA</scp>, the Î±â€peptide of <scp>IgA</scp> protease and the autotransporter protease <scp>NalP</scp>, in initiation of biofilm formation. Molecular Microbiology, 2013, 87, 254-268.	1.2	59
35	Autotransporter secretion: varying on a theme. Research in Microbiology, 2013, 164, 562-582.	1.0	88
36	Assembly of Bacterial Outer Membrane Proteins. Methods in Molecular Biology, 2013, 966, 223-237.	0.4	3

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37	Zinc Piracy as a Mechanism of Neisseria meningitidis for Evasion of Nutritional Immunity. PLoS Pathogens, 2013, 9, e1003733.	2.1	68
38	ZnuD, a Potential Candidate for a Simple and Universal Neisseria meningitidis Vaccine. Infection and Immunity, 2013, 81, 1915-1927.	1.0	24
39	Antibiotic Trapping by Plasmid-Encoded CMY-2 Î²-Lactamase Combined with Reduced Outer Membrane Permeability as a Mechanism of Carbapenem Resistance in Escherichia coli. Antimicrobial Agents and Chemotherapy, 2013, 57, 3941-3949.	1.4	47
40	New Insights into the Assembly of Bacterial Secretins. Journal of Biological Chemistry, 2013, 288, 1214-1225.	1.6	28
41	Lipidation of the autotransporter NalP of Neisseria meningitidis is required for its function in the release of cell-surface-exposed proteins. Microbiology (United Kingdom), 2013, 159, 286-295.	0.7	32
42	Species-Specificity of the BamA Component of the Bacterial Outer Membrane Protein-Assembly Machinery. PLoS ONE, 2013, 8, e85799.	1.1	13
43	Cellular solid-state nuclear magnetic resonance spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4863-4868.	3.3	183
44	Solidâ€State NMR Spectroscopy on Cellular Preparations Enhanced by Dynamic Nuclear Polarization. Angewandte Chemie - International Edition, 2012, 51, 2998-3001.	7.2	163
45	TMT Labelling for the Quantitative Analysis of Adaptive Responses in the Meningococcal Proteome. Methods in Molecular Biology, 2012, 799, 127-141.	0.4	4
46	The LptD Chaperone LptE Is Not Directly Involved in Lipopolysaccharide Transport in Neisseria meningitidis. Journal of Biological Chemistry, 2011, 286, 28688-28696.	1.6	38
47	Solid-State NMR on a Large Multidomain Integral Membrane Protein: The Outer Membrane Protein Assembly Factor BamA. Journal of the American Chemical Society, 2011, 133, 4175-4177.	6.6	53
48	Role of the Periplasmic Chaperones Skp, SurA, and DegQ in Outer Membrane Protein Biogenesis in Neisseria meningitidis. Journal of Bacteriology, 2011, 193, 1612-1621.	1.0	63
49	Mitochondria can recognize and assemble fragments of a Î²-barrel structure. Molecular Biology of the Cell, 2011, 22, 1638-1647.	0.9	28
50	Channel properties of the translocator domain of the autotransporter Hbp ofEscherichia coli. Molecular Membrane Biology, 2011, 28, 158-170.	2.0	18
51	Pseudomonas Evades Immune Recognition of Flagellin in Both Mammals and Plants. PLoS Pathogens, 2011, 7, e1002206.	2.1	124
52	The Pseudomonas aeruginosa patatinâ€like protein PlpD is the archetype of a novel Type V secretion system. Environmental Microbiology, 2010, 12, 1498-1512.	1.8	84
53	Coincorporation of LpxL1 and PagL Mutant Lipopolysaccharides into Liposomes withNeisseria meningitidis Opacity Protein: Influence on Endotoxic and Adjuvant Activity. Vaccine Journal, 2010, 17, 487-495.	3.2	25
54	Assembly of outer-membrane proteins in bacteria and mitochondria. Microbiology (United Kingdom), 2010, 156, 2587-2596.	0.7	97

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55	NalP-Mediated Proteolytic Release of Lactoferrin-Binding Protein B from the Meningococcal Cell Surface. Infection and Immunity, 2010, 78, 3083-3089.	1.0	51
56	The Mitochondrial Porin, VDAC, Has Retained the Ability to Be Assembled in the Bacterial Outer Membrane. Molecular Biology and Evolution, 2010, 27, 887-895.	3.5	41
57	An Outer Membrane Receptor of Neisseria meningitidis Involved in Zinc Acquisition with Vaccine Potential. PLoS Pathogens, 2010, 6, e1000969.	2.1	111
58	Hydrophobic Surface Patches on LolA of Pseudomonas aeruginosa Are Essential for Lipoprotein Binding. Journal of Molecular Biology, 2010, 401, 921-930.	2.0	34
59	Identification of a Novel Lipopolysaccharide Core Biosynthesis Gene Cluster in Bordetella pertussis , and Influence of Core Structure and Lipid A Glucosamine Substitution on Endotoxic Activity. Infection and Immunity, 2009, 77, 2602-2611.	1.0	25
60	Signals in bacterial Î²-barrel proteins are functional in eukaryotic cells for targeting to and assembly in mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2531-2536.	3.3	105
61	The Î²-Barrel Outer Membrane Protein Assembly Complex ofNeisseria meningitidis. Journal of Bacteriology, 2009, 191, 7074-7085.	1.0	90
62	Biogenesis of Î²-barrel membrane proteins in bacteria and eukaryotes: evolutionary conservation and divergence. Cellular and Molecular Life Sciences, 2009, 66, 2789-2804.	2.4	149
63	Identification of proteins of Neisseria meningitidis induced under ironâ€limiting conditions using the isobaric tandem mass tag (TMT) labeling approach. Proteomics, 2009, 9, 1771-1781.	1.3	46
64	Candidate verification of iron-regulated Neisseria meningitidis proteins using isotopic versions of tandem mass tags (TMT) and single reaction monitoring. Journal of Proteomics, 2009, 73, 231-239.	1.2	27
65	Supplementation of whole-cell pertussis vaccines with lipopolysaccharide analogs: Modification of vaccine-induced immune responses. Vaccine, 2008, 26, 899-906.	1.7	12
66	Polar secretion of proteins via the Xcp type II secretion system in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2008, 154, 3025-3032.	0.7	24
67	Two-Partner Secretion Systems of Neisseria meningitidis Associated with Invasive Clonal Complexes. Infection and Immunity, 2008, 76, 4649-4658.	1.0	27
68	Additive and Synergistic Bactericidal Activity of Antibodies Directed against Minor Outer Membrane Proteins of Neisseria meningitidis. Infection and Immunity, 2007, 75, 5434-5442.	1.0	86
69	Lipopolysaccharide Analogs Improve Efficacy of Acellular Pertussis Vaccine and Reduce Type I Hypersensitivity in Mice. Vaccine Journal, 2007, 14, 821-829.	3.2	35
70	Interaction domains in the Pseudomonas aeruginosa type II secretory apparatus component XcpS (GspF). Microbiology (United Kingdom), 2007, 153, 1582-1592.	0.7	40
71	Corneal Virulence ofPseudomonas aeruginosaElastase B and Alkaline Protease Produced byPseudomonas putida. Current Eye Research, 2007, 32, 373-386.	0.7	33
72	Species-Specific Functioning of the Pseudomonas XcpQ Secretin: Role for the C-Terminal Homology Domain and Lipopolysaccharide. Journal of Bacteriology, 2007, 189, 2967-2975.	1.0	9

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73	Export of the Pseudopilin XcpT of the Pseudomonas aeruginosa Type II Secretion System via the Signal Recognition Particle-Sec Pathway. Journal of Bacteriology, 2007, 189, 2069-2076.	1.0	59
74	A Novel Secondary Acyl Chain in the Lipopolysaccharide of Bordetella pertussis Required for Efficient Infection of Human Macrophages. Journal of Biological Chemistry, 2007, 282, 37875-37884.	1.6	21
75	Shielding of immunogenic domains in Neisseria meningitidis FrpB (FetA) by the major variable region. Vaccine, 2007, 25, 72-84.	1.7	19
76	Getting Into and Through the Outer Membrane. Science, 2007, 317, 903-904.	6.0	22
77	Biogenesis of the Gram-Negative Bacterial Outer Membrane. Annual Review of Microbiology, 2007, 61, 191-214.	2.9	389
78	Hexadecane and Tween 80 Stimulate Lipase Production in Burkholderia glumae by Different Mechanisms. Applied and Environmental Microbiology, 2007, 73, 3838-3844.	1.4	75
79	Consequences of the expression of lipopolysaccharide-modifying enzymes for the efficacy and reactogenicity of whole-cell pertussis vaccines. Microbes and Infection, 2007, 9, 1096-1103.	1.0	14
80	Functioning of outer membrane protein assembly factor Omp85 requires a single POTRA domain. EMBO Reports, 2007, 8, 1149-1154.	2.0	94
81	Chaperoning Anfinsen: the steric foldases. Molecular Microbiology, 2007, 64, 917-922.	1.2	35
82	Vaccine potential of the Neisseria meningitidis lactoferrin-binding proteins LbpA and LbpB. Vaccine, 2006, 24, 3545-3557.	1.7	43
83	Protein secretion and secreted proteins in pathogenicNeisseriaceae. FEMS Microbiology Reviews, 2006, 30, 292-319.	3.9	62
84	Structure of a membrane-based steric chaperone in complex with its lipase substrate. Nature Structural and Molecular Biology, 2006, 13, 374-375.	3.6	49
85	Immunogenicity and structural characterisation of an in vitro folded meningococcal siderophore receptor (FrpB, FetA). Microbes and Infection, 2006, 8, 2145-2153.	1.0	23
86	Assembly Factor Omp85 Recognizes Its Outer Membrane Protein Substrates by a Species-Specific C-Terminal Motif. PLoS Biology, 2006, 4, e377.	2.6	280
87	A novel phase-variable autotransporter serine protease, AusI, of Neisseria meningitidis. Microbes and Infection, 2006, 8, 2088-2097.	1.0	35
88	Expression of the Lipopolysaccharide-Modifying Enzymes PagP and PagL Modulates the Endotoxic Activity of Bordetella pertussis. Infection and Immunity, 2006, 74, 5574-5585.	1.0	74
89	Polar Localization of the Autotransporter Family of Large Bacterial Virulence Proteins. Journal of Bacteriology, 2006, 188, 4841-4850.	1.0	73
90	Llama Single-Chain Antibody That Blocks Lipopolysaccharide Binding and Signaling: Prospects for Therapeutic Applications. Vaccine Journal, 2006, 13, 1079-1086.	3.2	29

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91	Crystal structure and catalytic mechanism of the LPS 3-O-deacylase PagL from Pseudomonas aeruginosa. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7071-7076.	3.3	68
92	Function of Neisserial Outer Membrane Phospholipase A in Autolysis and Assessment of Its Vaccine Potential. Infection and Immunity, 2005, 73, 2222-2231.	1.0	49
93	Dissemination of Lipid A Deacylases (PagL) among Gram-negative Bacteria. Journal of Biological Chemistry, 2005, 280, 8248-8259.	1.6	57
94	MsbA Is Not Required for Phospholipid Transport in Neisseria meningitidis. Journal of Biological Chemistry, 2005, 280, 35961-35966.	1.6	46
95	Lipopolysaccharide Transport to the Bacterial Outer Membrane in Spheroplasts. Journal of Biological Chemistry, 2005, 280, 4504-4509.	1.6	78
96	Identification and Characterization of a Novel Outer Membrane Protein (OMP J) of Moraxella catarrhalis That Exists in Two Major Forms. Journal of Bacteriology, 2005, 187, 7977-7984.	1.0	15
97	Viability of a Capsule- and Lipopolysaccharide-Deficient Mutant of Neisseria meningitidis. Infection and Immunity, 2005, 73, 6194-6197.	1.0	57
98	Structure and Electrophysiological Properties of the YscC Secretin from the Type III Secretion System of Yersinia enterocolitica. Journal of Bacteriology, 2004, 186, 4645-4654.	1.0	83
99	Role of the Pilot Protein YscW in the Biogenesis of the YscC Secretin in Yersinia enterocolitica. Journal of Bacteriology, 2004, 186, 5366-5375.	1.0	80
100	Identification of an outer membrane protein required for the transport of lipopolysaccharide to the bacterial cell surface. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9417-9422.	3.3	229
101	Three Homologues, Including Two Membrane-bound Proteins, of the Disulfide Oxidoreductase DsbA in Neisseria meningitidis. Journal of Biological Chemistry, 2004, 279, 27078-27087.	1.6	72
102	Teasing apart structural determinants of 'toxicity' and 'adjuvanticity': implications for meningococcal vaccine development. Journal of Endotoxin Research, 2004, 10, 113-119.	2.5	30
103	Structure of the translocator domain of a bacterial autotransporter. EMBO Journal, 2004, 23, 1257-1266.	3.5	333
104	Lipase-Specific Foldases. ChemBioChem, 2004, 5, 152-161.	1.3	68
105	Lipase-Specific Foldases. ChemInform, 2004, 35, no.	0.1	0
106	Protein Secretion Mechanisms in Pseudomonas. , 2004, , 749-791.		7
107	Omp85, an evolutionarily conserved bacterial protein involved in outer-membrane-protein assembly. Research in Microbiology, 2004, 155, 129-135.	1.0	119
108	Biogenesis of the Gram-negative bacterial outer membrane. Current Opinion in Microbiology, 2004, 7, 610-616.	2.3	126

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109	Role of the calcium ion and the disulfide bond in the Burkholderia glumae lipase. Journal of Molecular Catalysis B: Enzymatic, 2003, 22, 329-338.	1.8	42
110	A Neisserial autotransporter NalP modulating the processing of other autotransporters. Molecular Microbiology, 2003, 50, 1017-1030.	1.2	127
111	Identification of a novel Gsp-related pathway required for secretion of the manganese-oxidizing factor of Pseudomonas putida strain GB-1. Molecular Microbiology, 2003, 47, 993-1006.	1.2	44
112	Role of Pseudomonas putida tol-oprL Gene Products in Uptake of Solutes through the Cytoplasmic Membrane. Journal of Bacteriology, 2003, 185, 4707-4716.	1.0	63
113	Interactions between Phage-Shock Proteins in Escherichia coli. Journal of Bacteriology, 2003, 185, 1174-1180.	1.0	64
114	Role of a Highly Conserved Bacterial Protein in Outer Membrane Protein Assembly. Science, 2003, 299, 262-265.	6.0	651
115	Crystal Structure of Neisserial Surface Protein A (NspA), a Conserved Outer Membrane Protein with Vaccine Potential. Journal of Biological Chemistry, 2003, 278, 24825-24830.	1.6	101
116	PspE (phage-shock protein E) ofEscherichia coliis a rhodanese. FEBS Letters, 2002, 518, 173-176.	1.3	52
117	Expression of foreign LpxA acyltransferases in Neisseria meningitidis results in modified lipid A with reduced toxicity and retained adjuvant activity. Cellular Microbiology, 2002, 4, 599-611.	1.1	30
118	Conformational analysis of opacity proteins from Neisseria meningitidis. FEBS Journal, 2002, 269, 5215-5223.	0.2	25
119	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. FEBS Journal, 2002, 269, 5564-5571.	0.2	44
120	Defective translocation of a signal sequence mutant in a prlA4 suppressor strain of Escherichia coli. FEBS Journal, 2002, 269, 5572-5580.	0.2	1
121	Phase-Variable Expression of an Operon Encoding Extracellular Alkaline Protease, a Serine Protease Homolog, and Lipase in Pseudomonas brassicacearum. Journal of Bacteriology, 2001, 183, 2117-2120.	1.0	56
122	Expression of the pho regulon interferes with induction of the uhpT gene in Escherichia coli K-12. Archives of Microbiology, 2001, 176, 370-376.	1.0	12
123	Identification of phospholipids as new components that assist in thein vitrotrimerization of a bacterial pore protein. FEBS Journal, 2001, 268, 865-875.	0.2	29
124	In vivo expression ofNeisseria meningitidisproteins homologous to theHaemophilus influenzaeHap and Hia autotransporters. FEMS Immunology and Medical Microbiology, 2001, 32, 53-64.	2.7	23
125	Autoamplification of a Two-Component Regulatory System Results in â€œLearningâ€•Behavior. Journal of Bacteriology, 2001, 183, 4914-4917.	1.0	64
126	The Phosphate-Binding Protein of Escherichia coli Is Not Essential for P i -Regulated Expression of the pho Regulon. Journal of Bacteriology, 2001, 183, 5768-5771.	1.0	16

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127	Exchange of Xcp (Gsp) Secretion Machineries between Pseudomonas aeruginosa and Pseudomonas alcaligenes : Species Specificity Unrelated to Substrate Recognition. Journal of Bacteriology, 2001, 183, 959-967.	1.0	30
128	Activation by Gene Amplification of pitB , Encoding a Third Phosphate Transporter of Escherichia coli K-12. Journal of Bacteriology, 2001, 183, 4659-4663.	1.0	26
129	Maturation of Pseudomonas aeruginosa Elastase. Journal of Biological Chemistry, 2001, 276, 26030-26035.	1.6	50
130	Characterization of Pseudomonas aeruginosa Chitinase, a Gradually Secreted Protein. Journal of Bacteriology, 2001, 183, 7044-7052.	1.0	104
131	The assembly pathway of outer membrane protein PhoE of Escherichia coli. FEBS Journal, 2000, 267, 3792-3800.	0.2	46
132	Immunogenicity of in vitro folded outer membrane protein PorA ofNeisseria meningitidis. FEMS Immunology and Medical Microbiology, 2000, 27, 227-233.	2.7	19
133	Association of iron-regulated outer membrane proteins ofNeisseria meningitidiswith the RmpM (class) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	26
134	Novel Topological Features of FhaC, the Outer Membrane Transporter Involved in the Secretion of the Bordetella pertussis Filamentous Hemagglutinin. Journal of Biological Chemistry, 2000, 275, 30202-30210.	1.6	88
135	Identification of a Chitin-Binding Protein Secreted by Pseudomonas aeruginosa. Journal of Bacteriology, 2000, 182, 1257-1263.	1.0	93
136	Protein secretion mechanisms in Gram-negative bacteria. International Journal of Medical Microbiology, 2000, 290, 325-331.	1.5	59
137	Biochemical and biophysical characterization of in vitro folded outer membrane porin PorA of Neisseria meningitidis. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1464, 284-298.	1.4	55
138	Role of the Lipase-specific Foldase of Burkholderia glumae as a Steric Chaperone. Journal of Biological Chemistry, 2000, 275, 26885-26891.	1.6	39
139	Activation of Pseudomonas aeruginosa elastase in Pseudomonas putida by triggering dissociation of the propeptideâ€“enzyme complex. Microbiology (United Kingdom), 2000, 146, 2565-2572.	0.7	28
140	The Fusobacterium nucleatum porin FomA possesses the general topology of the non-specific porins. Microbiology (United Kingdom), 2000, 146, 1437-1445.	0.7	8
141	Affinity of the periplasmic chaperone Skp ofEscherichia colifor phospholipids, lipopolysaccharides and non-native outer membrane proteins. FEBS Journal, 1999, 259, 96-103.	0.2	80
142	Identification of positively charged residues of FomA porin of Fusobacterium nucleatum which are important for pore function. FEBS Journal, 1999, 260, 818-824.	0.2	11
143	Molecular organization of the xcp gene cluster in Pseudomonas putida: absence of an xcpX (gspK) homologue. Gene, 1999, 226, 35-40.	1.0	16
144	Sequence variability of the meningococcal lactoferrin-binding protein LbpB. Gene, 1999, 231, 105-110.	1.0	14

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145	The C-terminal domain of the Pseudomonas secretin XcpQ forms oligomeric rings with pore activity. Journal of Molecular Biology, 1999, 294, 1169-1179.	2.0	77
146	Functional Activities and Epitope Specificity of Human and Murine Antibodies against the Class 4 Outer Membrane Protein (Rmp) of Neisseria meningitidis. Infection and Immunity, 1999, 67, 1267-1276.	1.0	53
147	Bacteriocin Release Protein Triggers Dimerization of Outer Membrane Phospholipase A In Vivo. Journal of Bacteriology, 1999, 181, 3281-3283.	1.0	32
148	Structural Characterization of the Lactoferrin Receptor from Neisseria meningitidis. Journal of Bacteriology, 1999, 181, 4417-4419.	1.0	22
149	A Novel Lipolytic Enzyme Located in the Outer Membrane of Pseudomonas aeruginosa. Journal of Bacteriology, 1999, 181, 6977-6986.	1.0	145
150	The secretion apparatus ofPseudomonas aeruginosa: identification of a fifth pseudopilin, XcpX (GspK) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	83
151	Formation of oligomeric rings by XcpQ and PilQ, which are involved in protein transport across the outer membrane ofPseudomonas aeruginosa. Molecular Microbiology, 1998, 27, 209-219.	1.2	223
152	Molecular characterization of LbpB, the second lactoferrin-binding protein of Neisseria meningitidis. Molecular Microbiology, 1998, 27, 599-610.	1.2	79
153	Function of bacterial propeptides. Trends in Microbiology, 1998, 6, 6-8.	3.5	22
154	Secretion of Elastinolytic Enzymes and Their Propeptides by Pseudomonas aeruginosa. Journal of Bacteriology, 1998, 180, 3467-3469.	1.0	67
155	Dimerization Regulates the Enzymatic Activity of Escherichia coli Outer Membrane Phospholipase A. Journal of Biological Chemistry, 1997, 272, 3179-3184.	1.6	70
156	Voltage sensing in the PhoE and OmpF outer membrane porins of Escherichia coli: role of charged residues. Journal of Molecular Biology, 1997, 269, 468-472.	2.0	79
157	Role of the carboxy-terminal phenylalanine in the biogenesis of outer membrane protein PhoE of EscherichiacoliK-12. Journal of Molecular Biology, 1997, 269, 473-478.	2.0	81
158	Role of the constriction loop in the gating of outer membrane porin PhoE ofEscherichia coli. FEBS Letters, 1997, 415, 317-320.	1.3	37
159	Response of Neisseria meningitidis to iron limitation. Antonie Van Leeuwenhoek, 1997, 71, 129-136.	0.7	24
160	Twoâ€dimensional structure of the Opc invasin from Neisseria meningitidis. Molecular Microbiology, 1997, 23, 281-293.	1.2	32
161	The outer membrane component, YscC, of the Yop secretion machinery of Yersinia enterocolitica forms a ringâ€shaped multimeric complex. Molecular Microbiology, 1997, 26, 789-797.	1.2	232
162	Escherichia coli Outer Membrane Phospholipase A:â€‰ Role of Two Serines in Enzymatic Activity. Biochemistry, 1996, 35, 7787-7793.	1.2	28

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