

Arnold JM Driessen

List of Publications by Year in descending order

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244
papers

17,225
citations

14614

66
h-index

20307

116
g-index

250
all docs

250
docs citations

250
times ranked

13324
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined roles of exporters in acetic acid tolerance in <i>Saccharomyces cerevisiae</i> . , 2022, 15, .		2
2	Single-molecule analysis of dynamics and interactions of the SecYEG translocon. FEBS Journal, 2021, 288, 2203-2221.	2.2	10
3	A promiscuous archaeal cardiolipin synthase enables construction of diverse natural and unnatural phospholipids. Journal of Biological Chemistry, 2021, 296, 100691.	1.6	10
4	RAÏ¼cktitelbild: A Unified Approach for the Total Synthesis of <i>cyclo</i>-Archaeol, <i>iso</i>-Caldarchaeol, Caldarchaeol, and Mycoketide (Angew. Chem. 32/2021). Angewandte Chemie, 2021, 133, 17892-17892.	1.6	0
5	A Unified Approach for the Total Synthesis of <i>cyclo</i>-Archaeol, <i>iso</i>-Caldarchaeol, Caldarchaeol, and Mycoketide. Angewandte Chemie - International Edition, 2021, 60, 17497-17503.	7.2	10
6	A Unified Approach for the Total Synthesis of cyclo -Archaeol, iso -Caldarchaeol, Caldarchaeol, and Mycoketide. Angewandte Chemie, 2021, 133, 17638-17644.	1.6	2
7	Nonribosomal peptide synthetases and their biotechnological potential in <i>Penicillium rubens</i>. Journal of Industrial Microbiology and Biotechnology, 2021, 48, .	1.4	17
8	A versatile method to separate complex lipid mixtures using 1-butanol as eluent in a reverse-phase UHPLC-ESI-MS system. Chemistry and Physics of Lipids, 2021, 240, 105125.	1.5	7
9	Identification of a conserved N-terminal domain in the first module of ACV synthetases. MicrobiologyOpen, 2021, 10, e1145.	1.2	5
10	Modular Synthetic Biology Toolkit for Filamentous Fungi. ACS Synthetic Biology, 2021, 10, 2850-2861.	1.9	35
11	D-glucose overflow metabolism in an evolutionary engineered high-performance D-xylose consuming <i>Saccharomyces cerevisiae</i> strain. FEMS Yeast Research, 2021, 21, .	1.1	3
12	Biochemical characterization of the <i>Nocardia lactamdurans</i> ACV synthetase. PLoS ONE, 2020, 15, e0231290.	1.1	3
13	Bacterial MbtH-like Proteins Stimulate Nonribosomal Peptide Synthetase-Derived Secondary Metabolism in Filamentous Fungi. ACS Synthetic Biology, 2019, 8, 1776-1787.	1.9	16
14	Synthetic Minimal Cell: Self-Reproduction of the Boundary Layer. ACS Omega, 2019, 4, 5293-5303.	1.6	20
15	Continuous expansion of a synthetic minimal cellular membrane. Emerging Topics in Life Sciences, 2019, 3, 543-549.	1.1	7
16	Deregulation of secondary metabolism in a histone deacetylase mutant of <i>Penicillium chrysogenum</i>. MicrobiologyOpen, 2018, 7, e00598.	1.2	24
17	Growing Membranes <i>In Vitro</i> by Continuous Phospholipid Biosynthesis from Free Fatty Acids. ACS Synthetic Biology, 2018, 7, 153-165.	1.9	60
18	Increased xylose affinity of Hxt2 through gene shuffling of hexose transporters in <i>Saccharomyces cerevisiae</i>. Journal of Applied Microbiology, 2018, 124, 503-510.	1.4	20

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19	The amino-terminal tail of Hxt11 confers membrane stability to the Hxt2 sugar transporter and improves xylose fermentation in the presence of acetic acid. <i>Biotechnology and Bioengineering</i> , 2017, 114, 1937-1945.	1.7	30
20	Photocontrol of Antibacterial Activity: Shifting from UV to Red Light Activation. <i>Journal of the American Chemical Society</i> , 2017, 139, 17979-17986.	6.6	224
21	CRISPR/Cas9 Based Genome Editing of <i>Penicillium chrysogenum</i> . <i>ACS Synthetic Biology</i> , 2016, 5, 754-764.	1.9	258
22	Identification of a Polyketide Synthase Involved in Sorbicillin Biosynthesis by <i>Penicillium chrysogenum</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 3971-3978.	1.4	62
23	Lipids Activate SecA for High Affinity Binding to the SecYEG Complex. <i>Journal of Biological Chemistry</i> , 2016, 291, 22534-22543.	1.6	42
24	New promoters for strain engineering of <i>Penicillium chrysogenum</i> . <i>Fungal Genetics and Biology</i> , 2016, 89, 62-71.	0.9	35
25	Improved xylose uptake in <i>Saccharomyces cerevisiae</i> due to directed evolution of galactose permease Gal2 for sugar co-consumption. <i>Journal of Applied Microbiology</i> , 2015, 119, 99-111.	1.4	29
26	The saci_2123 gene of the hyperthermoacidophile <i>Sulfolobus acidocaldarius</i> encodes an ATP-binding cassette multidrug transporter. <i>Extremophiles</i> , 2015, 19, 101-108.	0.9	5
27	The <i>Escherichia coli</i> Membrane Protein Insertase YidC Assists in the Biogenesis of Penicillin Binding Proteins. <i>Journal of Bacteriology</i> , 2015, 197, 1444-1450.	1.0	19
28	Supramolecular Assembly of Artificial Metalloenzymes Based on the Dimeric Protein LmrR as Promiscuous Scaffold. <i>Journal of the American Chemical Society</i> , 2015, 137, 9796-9799.	6.6	114
29	Controlling the activity of quorum sensing autoinducers with light. <i>Chemical Science</i> , 2015, 6, 3593-3598.	3.7	36
30	A Mutasynthesis Approach with a <i>Penicillium chrysogenum</i> Δ roqA Strain Yields New Roquefortine D Analogues. <i>ChemBioChem</i> , 2015, 16, 915-923.	1.3	8
31	Role of the Cytosolic Loop C2 and the C Terminus of YidC in Ribosome Binding and Insertion Activity. <i>Journal of Biological Chemistry</i> , 2015, 290, 17250-17261.	1.6	29
32	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	3.9	715
33	Ciprofloxacin-Photoswitch Conjugates: A Facile Strategy for Photopharmacology. <i>Bioconjugate Chemistry</i> , 2015, 26, 2592-2597.	1.8	86
34	In Vitro Interaction of the Housekeeping SecA1 with the Accessory SecA2 Protein of <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2015, 10, e0128788.	1.1	15
35	Binding of the Lactococcal Drug Dependent Transcriptional Regulator LmrR to Its Ligands and Responsive Promoter Regions. <i>PLoS ONE</i> , 2015, 10, e0135467.	1.1	25
36	A Non-Canonical NRPS Is Involved in the Synthesis of Fungisporin and Related Hydrophobic Cyclic Tetrapeptides in <i>Penicillium chrysogenum</i> . <i>PLoS ONE</i> , 2014, 9, e98212.	1.1	42

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37	Biosynthesis of archaeal membrane ether lipids. <i>Frontiers in Microbiology</i> , 2014, 5, 641.	1.5	137
38	Deletion of <i>cdvB</i> paralogous genes of <i>Sulfolobus acidocaldarius</i> impairs cell division. <i>Extremophiles</i> , 2014, 18, 331-339.	0.9	26
39	Membrane-on-a-Chip: Microstructured Silicon/Silicon-Dioxide Chips for High-Throughput Screening of Membrane Transport and Viral Membrane Fusion. <i>ACS Nano</i> , 2014, 8, 3380-3392.	7.3	26
40	Identification of CDP-Archaeol Synthase, a Missing Link of Ether Lipid Biosynthesis in Archaea. <i>Chemistry and Biology</i> , 2014, 21, 1392-1401.	6.2	36
41	Orthogonal Control of Antibacterial Activity with Light. <i>ACS Chemical Biology</i> , 2014, 9, 1969-1974.	1.6	73
42	How hyperthermophiles adapt to change their lives: DNA exchange in extreme conditions. <i>Extremophiles</i> , 2013, 17, 545-563.	0.9	84
43	Optical control of antibacterial activity. <i>Nature Chemistry</i> , 2013, 5, 924-928.	6.6	298
44	Elucidating the Native Architecture of the YidC: Ribosome Complex. <i>Journal of Molecular Biology</i> , 2013, 425, 4112-4124.	2.0	52
45	Monitoring the Activity of Single Translocons. <i>Journal of Molecular Biology</i> , 2013, 425, 4145-4153.	2.0	35
46	Characterization of the supporting role of SecE in protein translocation. <i>FEBS Letters</i> , 2013, 587, 3083-3088.	1.3	15
47	Reshaping of the conformational search of a protein by the chaperone trigger factor. <i>Nature</i> , 2013, 500, 98-101.	13.7	118
48	Analysis of the inhibition potential of zosuquidar derivatives on selected bacterial and fungal ABC transporters. <i>Molecular Membrane Biology</i> , 2013, 30, 217-227.	2.0	7
49	Molecular analysis of the UV-inducible pili operon from <i>Sulfolobus acidocaldarius</i> . <i>MicrobiologyOpen</i> , 2013, 2, 928-937.	1.2	37
50	Interaction of <i>Streptococcus mutans</i> YidC1 and YidC2 with Translating and Nontranslating Ribosomes. <i>Journal of Bacteriology</i> , 2013, 195, 4545-4551.	1.0	21
51	Novel Key Metabolites Reveal Further Branching of the Roquefortine/Meleagrins Biosynthetic Pathway. <i>Journal of Biological Chemistry</i> , 2013, 288, 37289-37295.	1.6	49
52	The Formation of Oxytocin Dimers is Suppressed by the Zinc-Aspartate-Oxytocin Complex. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1734-1741.	1.6	16
53	A Branched Biosynthetic Pathway Is Involved in Production of Roquefortine and Related Compounds in <i>Penicillium chrysogenum</i> . <i>PLoS ONE</i> , 2013, 8, e65328.	1.1	73
54	Impact of Velvet Complex on Transcriptome and Penicillin G Production in Glucose-Limited Chemostat Cultures of a β -Lactam High-Producing <i>Penicillium chrysogenum</i> Strain. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 320-333.	1.0	27

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55	The YidC/Oxa1/Alb3 protein family: common principles and distinct features. <i>Biological Chemistry</i> , 2012, 393, 1279-1290.	1.2	32
56	Competitive Binding of the SecA ATPase and Ribosomes to the SecYEG Translocon. <i>Journal of Biological Chemistry</i> , 2012, 287, 7885-7895.	1.6	44
57	Regulation of archaella expression by the FHA and von Willebrand domain-containing proteins ArnA and ArnB in <i>Sulfolobus acidocaldarius</i> . <i>Molecular Microbiology</i> , 2012, 86, 24-36.	1.2	72
58	Co-operation between different targeting pathways during integration of a membrane protein. <i>Journal of Cell Biology</i> , 2012, 199, 303-315.	2.3	46
59	The ABC transporter ABC40 encodes a phenylacetic acid export system in <i>Penicillium chrysogenum</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 915-921.	0.9	21
60	Metabolic engineering of β^2 -oxidation in <i>Penicillium chrysogenum</i> for improved semi-synthetic cephalosporin biosynthesis. <i>Metabolic Engineering</i> , 2012, 14, 437-448.	3.6	26
61	Increased Penicillin Production in <i>Penicillium chrysogenum</i> Production Strains via Balanced Overexpression of Isopenicillin N Acyltransferase. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7107-7113.	1.4	44
62	Protein conducting channels—mechanisms, structures and applications. <i>Molecular BioSystems</i> , 2012, 8, 709.	2.9	5
63	Enantioselective Artificial Metalloenzymes by Creation of a Novel Active Site at the Protein Dimer Interface. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7472-7475.	7.2	154
64	Biosynthetic concepts for the production of β^2 -lactam antibiotics in <i>Penicillium chrysogenum</i> . <i>Biotechnology Journal</i> , 2012, 7, 225-236.	1.8	36
65	Functional characterization of the oxaloacetase encoding gene and elimination of oxalate formation in the β^2 -lactam producer <i>Penicillium chrysogenum</i> . <i>Fungal Genetics and Biology</i> , 2011, 48, 831-839.	0.9	23
66	Isoprenoid biosynthesis in Archaea — Biochemical and evolutionary implications. <i>Research in Microbiology</i> , 2011, 162, 39-52.	1.0	109
67	Taming Membranes: Functional Immobilization of Biological Membranes in Hydrogels. <i>PLoS ONE</i> , 2011, 6, e20435.	1.1	20
68	UV-inducible DNA exchange in hyperthermophilic archaea mediated by type IV pili. <i>Molecular Microbiology</i> , 2011, 82, 807-817.	1.2	113
69	Quaternary Structure of SecA in Solution and Bound to SecYEG Probed at the Single Molecule Level. <i>Structure</i> , 2011, 19, 430-439.	1.6	63
70	In vitro synthesis and oligomerization of the mechanosensitive channel of large conductance, MscL, into a functional ion channel. <i>FEBS Letters</i> , 2011, 585, 249-254.	1.3	20
71	A New Strategy to Stabilize Oxytocin in Aqueous Solutions: I. The Effects of Divalent Metal Ions and Citrate Buffer. <i>AAPS Journal</i> , 2011, 13, 284-290.	2.2	27
72	The bindosome is a structural component of the <i>Sulfolobus solfataricus</i> cell envelope. <i>Extremophiles</i> , 2011, 15, 235-244.	0.9	29

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73	SecA, a remarkable nanomachine. Cellular and Molecular Life Sciences, 2011, 68, 2053-2066.	2.4	61
74	<i>Bacillus subtilis</i> YqjG is required for genetic competence development. Proteomics, 2011, 11, 270-282.	1.3	22
75	Substrate Recognition and Specificity of the NisB Protein, the Lantibiotic Dehydratase Involved in Nisin Biosynthesis. Journal of Biological Chemistry, 2011, 286, 30552-30560.	1.6	57
76	Cholate-Stimulated Biofilm Formation by Lactococcus lactis Cells. Applied and Environmental Microbiology, 2011, 77, 2602-2610.	1.4	10
77	Probing the SecYEG translocation pore size with preproteins conjugated with sizable rigid spherical molecules. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7775-7780.	3.3	64
78	The Sulfoblocin Genes of Sulfolobus acidocaldarius Encode Novel Antimicrobial Proteins. Journal of Bacteriology, 2011, 193, 4380-4387.	1.0	43
79	Conformational Dynamics of the Plug Domain of the SecYEG Protein-conducting Channel. Journal of Biological Chemistry, 2011, 286, 43881-43890.	1.6	16
80	A single copy of SecYEG is sufficient for preprotein translocation. EMBO Journal, 2011, 30, 4387-4397.	3.5	60
81	Hot standards for the thermoacidophilic archaeon Sulfolobus solfataricus. Extremophiles, 2010, 14, 119-142.	0.9	55
82	Comparative study of the extracellular proteome of Sulfolobus species reveals limited secretion. Extremophiles, 2010, 14, 87-98.	0.9	45
83	Light-Induced Control of Protein Translocation by the SecYEG Complex. Angewandte Chemie - International Edition, 2010, 49, 7234-7238.	7.2	56
84	Differential effect of YidC depletion on the membrane proteome of <i>Escherichia coli</i> under aerobic and anaerobic growth conditions. Proteomics, 2010, 10, 3235-3247.	1.3	44
85	Conserved Negative Charges in the Transmembrane Segments of Subunit K of the NADH:Ubiquinone Oxidoreductase Determine Its Dependence on YidC for Membrane Insertion. Journal of Biological Chemistry, 2010, 285, 3575-3581.	1.6	37
86	Appendage-Mediated Surface Adherence of <i>Sulfolobus solfataricus</i> . Journal of Bacteriology, 2010, 192, 104-110.	1.0	84
87	Nonlinear Biosynthetic Gene Cluster Dose Effect on Penicillin Production by <i>Penicillium chrysogenum</i> . Applied and Environmental Microbiology, 2010, 76, 7109-7115.	1.4	46
88	Immobilization of the Plug Domain Inside the SecY Channel Allows Unrestricted Protein Translocation. Journal of Biological Chemistry, 2010, 285, 23747-23754.	1.6	26
89	SecB: A chaperone dedicated to protein translocation. Molecular BioSystems, 2010, 6, 620-627.	2.9	62
90	Inactivation of the Ecs ABC Transporter of Staphylococcus aureus Attenuates Virulence by Altering Composition and Function of Bacterial Wall. PLoS ONE, 2010, 5, e14209.	1.1	19

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91	The Lateral Gate of SecYEG Opens during Protein Translocation. <i>Journal of Biological Chemistry</i> , 2009, 284, 15805-15814.	1.6	87
92	<i>Bacillus subtilis</i> SpoIIJ and YqjG Function in Membrane Protein Biogenesis. <i>Journal of Bacteriology</i> , 2009, 191, 6749-6757.	1.0	39
93	Proteomic analysis of secreted membrane vesicles of archaeal <i>Sulfolobus</i> species reveals the presence of endosome sorting complex components. <i>Extremophiles</i> , 2009, 13, 67-79.	0.9	148
94	SsLrpB, a transcriptional regulator from <i>Sulfolobus solfataricus</i> , regulates a gene cluster with a pyruvate ferredoxin oxidoreductase-encoding operon and permease genes. <i>Molecular Microbiology</i> , 2009, 71, 972-988.	1.2	44
95	Structure of the transcriptional regulator LmrR and its mechanism of multidrug recognition. <i>EMBO Journal</i> , 2009, 28, 156-166.	3.5	118
96	The quest for a better resolution of protein translocation processes. <i>EMBO Reports</i> , 2009, 10, 337-342.	2.0	2
97	Charged Amino Acids in a Preprotein Inhibit SecA-Dependent Protein Translocation. <i>Journal of Molecular Biology</i> , 2009, 386, 1000-1010.	2.0	19
98	Subunit a of the F1F0 ATP Synthase Requires YidC and SecYEG for Membrane Insertion. <i>Journal of Molecular Biology</i> , 2009, 390, 893-901.	2.0	37
99	SulfoSYS (<i>Sulfolobus</i> Systems Biology): towards a silicon cell model for the central carbohydrate metabolism of the archaeon <i>Sulfolobus solfataricus</i> under temperature variation. <i>Biochemical Society Transactions</i> , 2009, 37, 58-64.	1.6	25
100	Expanding and understanding the genetic toolbox of the hyperthermophilic genus <i>Sulfolobus</i> . <i>Biochemical Society Transactions</i> , 2009, 37, 97-101.	1.6	75
101	Genome sequencing and analysis of the filamentous fungus <i>Penicillium chrysogenum</i> . <i>Nature Biotechnology</i> , 2008, 26, 1161-1168.	9.4	427
102	UV-inducible cellular aggregation of the hyperthermophilic archaeon <i>Sulfolobus solfataricus</i> is mediated by pili formation. <i>Molecular Microbiology</i> , 2008, 70, 938-952.	1.2	137
103	Cell Surface Structures of Archaea. <i>Journal of Bacteriology</i> , 2008, 190, 6039-6047.	1.0	61
104	Kinetics and Energetics of the Translocation of Maltose Binding Protein Folding Mutants. <i>Journal of Molecular Biology</i> , 2008, 377, 83-90.	2.0	10
105	Expression of the transporter encoded by the <i>cefT</i> gene of <i>Acremonium chrysogenum</i> increases cephalosporin production in <i>Penicillium chrysogenum</i> . <i>Fungal Genetics and Biology</i> , 2008, 45, 1415-1421.	0.9	43
106	The Charge Distribution in the Cytoplasmic Loop of Subunit C of the F1F0 ATPase Is a Determinant for YidC Targeting. <i>Journal of Biological Chemistry</i> , 2008, 283, 9871-9877.	1.6	10
107	Mechanisms of YidC-mediated Insertion and Assembly of Multimeric Membrane Protein Complexes. <i>Journal of Biological Chemistry</i> , 2008, 283, 31269-31273.	1.6	56
108	YidC Is Involved in the Biogenesis of Anaerobic Respiratory Complexes in the Inner Membrane of <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 26921-26927.	1.6	29

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109	LmrR Is a Transcriptional Repressor of Expression of the Multidrug ABC Transporter LmrCD in <i>Lactococcus lactis</i> . Journal of Bacteriology, 2008, 190, 759-763.	1.0	61
110	The ABC-Type Multidrug Resistance Transporter LmrCD Is Responsible for an Extrusion-Based Mechanism of Bile Acid Resistance in <i>Lactococcus lactis</i> . Journal of Bacteriology, 2008, 190, 7357-7366.	1.0	37
111	Distinct Contributions of the Nisin Biosynthesis Enzymes NisB and NisC and Transporter NisT to Prenisin Production by <i>Lactococcus lactis</i> . Applied and Environmental Microbiology, 2008, 74, 5541-5548.	1.4	38
112	The <i>Sulfolobus solfataricus</i> AAA protein Sso0909, a homologue of the eukaryotic ESCRT Vps4 ATPase. Biochemical Society Transactions, 2008, 36, 94-98.	1.6	30
113	Conditions for gene disruption by homologous recombination of exogenous DNA into the <i>Sulfolobus solfataricus</i> genome. Archaea, 2008, 2, 145-149.	2.3	59
114	Production of Dehydroamino Acid-Containing Peptides by <i>Lactococcus lactis</i> . Applied and Environmental Microbiology, 2007, 73, 1792-1796.	1.4	74
115	Flagellar Motility and Structure in the Hyperthermoacidophilic Archaeon <i>Sulfolobus solfataricus</i> . Journal of Bacteriology, 2007, 189, 4305-4309.	1.0	73
116	Identification of Diverse Archaeal Proteins with Class III Signal Peptides Cleaved by Distinct Archaeal Prepilin Peptidases. Journal of Bacteriology, 2007, 189, 772-778.	1.0	139
117	Structural Organization of Essential Iron-Sulfur Clusters in the Evolutionarily Highly Conserved ATP-binding Cassette Protein ABCE1. Journal of Biological Chemistry, 2007, 282, 14598-14607.	1.6	99
118	The Active Protein-conducting Channel of <i>Escherichia coli</i> Contains an Apolar Patch. Journal of Biological Chemistry, 2007, 282, 29785-29793.	1.6	20
119	Bacterial Sec-translocase Unfolds and Translocates a Class of Folded Protein Domains. Journal of Molecular Biology, 2007, 372, 422-433.	2.0	31
120	Arginine 357 of SecY is needed for SecA-dependent initiation of preprotein translocation. FEBS Letters, 2007, 581, 1859-1864.	1.3	8
121	Pushing, pulling and trapping - Modes of motor protein supported protein translocation. FEBS Letters, 2007, 581, 2820-2828.	1.3	54
122	Direct Observation of Chaperone-Induced Changes in a Protein Folding Pathway. Science, 2007, 318, 1458-1461.	6.0	133
123	Dissection and Modulation of the Four Distinct Activities of Nisin by Mutagenesis of Rings A and B and by C-Terminal Truncation. Applied and Environmental Microbiology, 2007, 73, 5809-5816.	1.4	139
124	Distribution and Physiology of ABC-Type Transporters Contributing to Multidrug Resistance in Bacteria. Microbiology and Molecular Biology Reviews, 2007, 71, 463-476.	2.9	270
125	Genome sequencing and analysis of the versatile cell factory <i>Aspergillus niger</i> CBS 513.88. Nature Biotechnology, 2007, 25, 221-231.	9.4	1,047
126	Identification of a system required for the functional surface localization of sugar binding proteins with class III signal peptides in <i>Sulfolobus solfataricus</i> . Molecular Microbiology, 2007, 64, 795-806.	1.2	63

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127	7 Membranes of Thermophiles and Other Extremophiles. <i>Methods in Microbiology</i> , 2006, 35, 161-171.	0.4	5
128	Identification of Two Interaction Sites in SecY that Are Important for the Functional Interaction with SecA. <i>Journal of Molecular Biology</i> , 2006, 361, 839-849.	2.0	40
129	Stepwise evolution of the Sec machinery in Proteobacteria. <i>Trends in Microbiology</i> , 2006, 14, 105-108.	3.5	51
130	LmrCD is a major multidrug resistance transporter in <i>Lactococcus lactis</i> . <i>Molecular Microbiology</i> , 2006, 61, 771-781.	1.2	91
131	Protein secretion in the Archaea: multiple paths towards a unique cell surface. <i>Nature Reviews Microbiology</i> , 2006, 4, 537-547.	13.6	61
132	Co- and post-translational translocation through the protein-conducting channel: analogous mechanisms at work?. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 957-964.	3.6	48
133	Regulation of expression of the arabinose and glucose transporter genes in the thermophilic archaeon <i>Sulfolobus solfataricus</i> . <i>Extremophiles</i> , 2006, 10, 383-391.	0.9	43
134	Subunit a of Cytochrome o Oxidase Requires Both YidC and SecYEG for Membrane Insertion. <i>Journal of Biological Chemistry</i> , 2006, 281, 12248-12252.	1.6	75
135	The <i>Bifidobacterium longum</i> NCIMB 702259 T ctr Gene Codes for a Novel Cholerae Transporter. <i>Applied and Environmental Microbiology</i> , 2006, 72, 923-926.	1.4	43
136	Active-Site Residues in the Type IV Prepilin Peptidase Homologue PibD from the Archaeon <i>Sulfolobus solfataricus</i> . <i>Journal of Bacteriology</i> , 2006, 188, 1437-1443.	1.0	44
137	Production of Recombinant and Tagged Proteins in the Hyperthermophilic Archaeon <i>Sulfolobus solfataricus</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 102-111.	1.4	116
138	YidC-mediated Membrane Insertion of Assembly Mutants of Subunit c of the F1FO ATPase. <i>Journal of Biological Chemistry</i> , 2006, 281, 29762-29768.	1.6	33
139	Topologically Fixed SecG Is Fully Functional. <i>Journal of Bacteriology</i> , 2006, 188, 1188-1190.	1.0	22
140	Sec-Mediated Transport of Posttranslationally Dehydrated Peptides in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 7626-7633.	1.4	47
141	SecA Supports a Constant Rate of Preprotein Translocation*. <i>Journal of Biological Chemistry</i> , 2006, 281, 15709-15713.	1.6	56
142	Two pores better than one?. <i>Nature</i> , 2005, 438, 299-300.	13.7	3
143	Functional and structural characterization of the minimal Sec translocase of the hyperthermophile <i>Thermotoga maritima</i> . <i>Extremophiles</i> , 2005, 9, 307-316.	0.9	7
144	The Large First Periplasmic Loop of SecD and SecF Plays an Important Role in SecDF Functioning. <i>Journal of Bacteriology</i> , 2005, 187, 5857-5860.	1.0	37

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145	Inactivation of Protein Translocation by Cold-Sensitive Mutations in the yajC - secDF Operon. <i>Journal of Bacteriology</i> , 2005, 187, 6852-6855.	1.0	14
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147	Sec-Mediated Secretion of Bacteriocin Enterocin P by <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 1959-1963.	1.4	40
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