Sonja-Verena Albers

List of Publications by Year
in descending order

190 papers	9,848 citations	24978 57 h-index	54797 84 g-index
214 all docs	214 docs citations	214 times ranked	5965 citing authors

#	Article	IF	Citations
1	Origin of eukaryotes: What can be learned from the first successfully isolated Asgard archaeon. Faculty Reviews, 2022, 11, 3.	1.7	2
2	Spotlight on FtsZ-based cell division in Archaea. Trends in Microbiology, 2022, 30, 665-678.	3.5	22
3	Towards Elucidating the Rotary Mechanism of the Archaellum Machinery. Frontiers in Microbiology, 2022, 13, 848597.	1.5	8
4	Agl24 is an ancient archaeal homolog of the eukaryotic N-glycan chitobiose synthesis enzymes. ELife, 2022, 11, .	2.8	2
5	Structural insights into the mechanism of archaellar rotational switching. Nature Communications, 2022, 13, .	5.8	1
6	The biology of thermoacidophilic archaea from the order <i>Sulfolobales</i>. FEMS Microbiology Reviews, 2021, 45, .	3.9	24
7	A comprehensive history of motility and Archaellation in Archaea. FEMS Microbes, 2021, 2, .	0.8	14
8	The archaeal protein SepF is essential for cell division in Haloferax volcanii. Nature Communications, 2021, 12, 3469.	5.8	22
9	Microfossils with tail-like structures in the 3.4 Gyr old Strelley Pool Formation. Precambrian Research, 2021, 358, 106187.	1.2	2
10	Enzymatic Asymmetric Reduction of Unfunctionalized C=C Bonds with Archaeal Geranylgeranyl Reductases. ChemBioChem, 2021, 22, 2693-2696.	1.3	9
11	Autophosphorylation of the KaiCâ€like protein ArlH inhibits oligomerization and interaction with ArlI, the motor ATPase of the archaellum. Molecular Microbiology, 2021, 116, 943-956.	1.2	5
12	Minor pilins are involved in motility and natural competence in the cyanobacterium Synechocystis sp. PCC 6803. Molecular Microbiology, 2021, 116, 743-765.	1.2	7
13	The archaeal triphosphate tunnel metalloenzyme SaTTM defines structural determinants for the diverse activities in the CYTH protein family. Journal of Biological Chemistry, 2021, 297, 100820.	1.6	10
14	The missing enzymatic link in syntrophic methane formation from fatty acids. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	7
15	The Role of Polyphosphate in Motility, Adhesion, and Biofilm Formation in Sulfolobales. Microorganisms, 2021, 9, 193.	1.6	10
16	Insights into synthesis and function of KsgA/Dim1-dependent rRNA modifications in archaea. Nucleic Acids Research, 2021, 49, 1662-1687.	6.5	20
17	Evolution of Archaellum Rotation Involved Invention of a Stator Complex by Duplicating and Modifying a Core Component. Frontiers in Microbiology, 2021, 12, 773386.	1.5	3
18	Putative Nucleotide-Based Second Messengers in the Archaeal Model Organisms Haloferax volcanii and Sulfolobus acidocaldarius. Frontiers in Microbiology, 2021, 12, 779012.	1.5	13

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19	Biochemical characterization of archaeal homocitrate synthase from SulfolobusÂacidocaldarius. FEBS Letters, 2020, 594, 126-134.	1.3	6
20	The structure of the periplasmic FlaGâ€“FlaF complex and its essential role for archaellar swimming motility. Nature Microbiology, 2020, 5, 216-225.	5.9	32
21	Salt Stress Response of Sulfolobus acidocaldarius Involves Complex Trehalose Metabolism Utilizing a Novel Trehalose-6-Phosphate Synthase (TPS)/Trehalose-6-Phosphate Phosphatase (TPP) Pathway. Applied and Environmental Microbiology, 2020, 86, .	1.4	19
22	Motile ghosts of the halophilic archaeon, <i>Haloferax volcanii</i>. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26766-26772.	3.3	6
23	SaUspA, the Universal Stress Protein of Sulfolobus acidocaldarius Stimulates the Activity of the PP2A Phosphatase and Is Involved in Growth at High Salinity. Frontiers in Microbiology, 2020, 11, 598821.	1.5	13
24	The Phosphatase PP2A Interacts With ArnA and ArnB to Regulate the Oligomeric State and the Stability of the ArnA/B Complex. Frontiers in Microbiology, 2020, 11, 1849.	1.5	15
25	An Oscillating MinD Protein Determines the Cellular Positioning of the Motility Machinery in Archaea. Current Biology, 2020, 30, 4956-4972.e4.	1.8	19
26	The switch complex ArlCDE connects the chemotaxis system and the archaellum. Molecular Microbiology, 2020, 114, 468-479.	1.2	19
27	Live Imaging of a Hyperthermophilic Archaeon Reveals Distinct Roles for Two ESCRT-III Homologs in Ensuring a Robust and Symmetric Division. Current Biology, 2020, 30, 2852-2859.e4.	1.8	45
28	Identification of XylR, the Activator of Arabinose/Xylose Inducible Regulon in Sulfolobus acidocaldarius and Its Application for Homologous Protein Expression. Frontiers in Microbiology, 2020, 11, 1066.	1.5	15
29	Propulsive nanomachines: the convergent evolution of archaella, flagella and cilia. FEMS Microbiology Reviews, 2020, 44, 253-304.	3.9	60
30	Analysis of Cellâ€“Cell Bridges in Haloferax volcanii Using Electron Cryo-Tomography Reveal a Continuous Cytoplasm and S-Layer. Frontiers in Microbiology, 2020, 11, 612239.	1.5	13
31	Species-Specific Recognition of Sulfolobales Mediated by UV-Inducible Pili and S-Layer Glycosylation Patterns. MBio, 2020, 11, .	1.8	19
32	Determinants of sulphur chemolithoautotrophy in the extremely thermoacidophilicSulfolobales. Environmental Microbiology, 2019, 21, 3696-3710.	1.8	19
33	Positioning of the Motility Machinery in Halophilic Archaea. MBio, 2019, 10, .	1.8	42
34	Structure and interactions of the archaeal motility repression module ArnAâ€“ArnB that modulates archaellum gene expression in Sulfolobus acidocaldarius. Journal of Biological Chemistry, 2019, 294, 7460-7471.	1.6	26
35	Cyclic nucleotides in archaea: Cyclic diâ€AMP in the archaeon <i>Haloferax volcanii </i>and its putative role. MicrobiologyOpen, 2019, 8, e00829.	1.2	32
36	Archaellum. , 2019, , 253-253.		0

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37	Architecture and modular assembly of <i>Sulfolobus</i> S-layers revealed by electron cryotomography. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25278-25286.	3.3	33
38	Saltâ€dependent regulation of archaellins in <i>Haloarcula marismortui</i>. MicrobiologyOpen, 2019, 8, e00718.	1.2	16
39	Global effect of the lack of inorganic polyphosphate in the extremophilic archaeon Sulfolobus solfataricus: A proteomic approach. Journal of Proteomics, 2019, 191, 143-152.	1.2	17
40	Two membrane-bound transcription factors regulate expression of various type-IV-pili surface structures in <i>Sulfolobus acidocaldarius</i>. PeerJ, 2019, 7, e6459.	0.9	12
41	Gene deletions leading to a reduction in the number of cyclopentane rings in Sulfolobus acidocaldarius tetraether lipids. FEMS Microbiology Letters, 2018, 365, .	0.7	6
42	A regulatory RNA is involved in RNA duplex formation and biofilm regulation in Sulfolobus acidocaldarius. Nucleic Acids Research, 2018, 46, 4794-4806.	6.5	32
43	The Archaellum: An Update on the Unique Archaeal Motility Structure. Trends in Microbiology, 2018, 26, 351-362.	3.5	107
44	Structure and function of the archaeal response regulator CheY. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1259-E1268.	3.3	43
45	Expression, Purification, and Assembly of Archaellum Subcomplexes of Sulfolobus acidocaldarius. Methods in Molecular Biology, 2018, 1764, 307-314.	0.4	4
46	Versatile cell surface structures of archaea. Molecular Microbiology, 2018, 107, 298-311.	1.2	50
47	Sulfolobus acidocaldarius Transports Pentoses via a Carbohydrate Uptake Transporter 2 (CUT2)-Type ABC Transporter and Metabolizes Them through the Aldolase-Independent Weimberg Pathway. Applied and Environmental Microbiology, 2018, 84, .	1.4	30
48	Taxis in archaea. Emerging Topics in Life Sciences, 2018, 2, 535-546.	1.1	19
49	Editorial: Editorial for thematic issue on Archaea. FEMS Microbiology Reviews, 2018, 42, 719-720.	3.9	2
50	Crystal structure of an Lrs14-like archaeal biofilm regulator from<i>Sulfolobus acidocaldarius</i>. Acta Crystallographica Section D: Structural Biology, 2018, 74, 1105-1114.	1.1	4
51	Effect of UV irradiation onÂSulfolobus acidocaldarius and involvement of the general transcription factor TFB3 in the early UV response. Nucleic Acids Research, 2018, 46, 7179-7192.	6.5	38
52	Archaeal biofilm formation. Nature Reviews Microbiology, 2018, 16, 699-713.	13.6	150
53	Early Response of Sulfolobus acidocaldarius to Nutrient Limitation. Frontiers in Microbiology, 2018, 9, 3201.	1.5	21
54	Characterization of the ATPase FlaI of the motor complex of the<i>Pyrococcus furiosus</i>archaellum and its interactions between the ATP-binding protein FlaH. PeerJ, 2018, 6, e4984.	0.9	18

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55	Expanding the archaellum regulatory network - the eukaryotic protein kinases ArnC and ArnD influence motility of<i>Sulfolobus acidocaldarius</i>. MicrobiologyOpen, 2017, 6, e00414.	1.2	45
56	Mechanisms of gene flow in archaea. Nature Reviews Microbiology, 2017, 15, 492-501.	13.6	89
57	Activity-based protein profiling as a robust method for enzyme identification and screening in extremophilic Archaea. Nature Communications, 2017, 8, 15352.	5.8	45
58	Wing phosphorylation is a major functional determinant of the Lrs14â€type biofilm and motility regulator AbfR1 in <i>Sulfolobus acidocaldarius</i>. Molecular Microbiology, 2017, 105, 777-793.	1.2	32
59	Identification and characterization of a heterotrimeric archaeal DNA polymerase holoenzyme. Nature Communications, 2017, 8, 15075.	5.8	31
60	Guide-independent DNA cleavage by archaeal Argonaute from Methanocaldococcus jannaschii. Nature Microbiology, 2017, 2, 17034.	5.9	95
61	AglH, a thermophilic UDP-N-acetylglucosamine-1-phosphate:dolichyl phosphate GlcNAc-1-phosphotransferase initiating protein N-glycosylation pathway in Sulfolobus acidocaldarius, is capable of complementing the eukaryal Alg7. Extremophiles, 2017, 21, 121-134.	0.9	10
62	<scp>A</scp>rn<scp>S</scp>, a kinase involved in starvationâ€induced archaellum expression. Molecular Microbiology, 2017, 103, 181-194.	1.2	29
63	Sulfolobus â€" A Potential Key Organism in Future Biotechnology. Frontiers in Microbiology, 2017, 8, 2474.	1.5	74
64	Minimal tool set for a prokaryotic circadian clock. BMC Evolutionary Biology, 2017, 17, 169.	3.2	52
65	A conserved hexanucleotide motif is important in UV-inducible promoters in Sulfolobus acidocaldarius. Microbiology (United Kingdom), 2017, 163, 778-788.	0.7	13
66	Structure and in situ organisation of the Pyrococcus furiosus archaellum machinery. ELife, 2017, 6, .	2.8	83
67	Archaeal Surface Structures and Their Role in Communication with the Extracellular Environment. , 2017, , 67-84.		0
68	Editorial: Archaeal Cell Envelope and Surface Structures. Frontiers in Microbiology, 2016, 6, 1515.	1.5	5
69	Diversity and Evolution of Type IV pili Systems in Archaea. Frontiers in Microbiology, 2016, 7, 667.	1.5	103
70	The nucleotideâ€dependent interaction of FlaH and FlaI is essential for assembly and function of the archaellum motor. Molecular Microbiology, 2016, 99, 674-685.	1.2	47
71	The archaeal Ced system imports DNA. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2496-2501.	3.3	86
72	Characterization of two Î²-decarboxylating dehydrogenases from Sulfolobus acidocaldarius. Extremophiles, 2016, 20, 843-853.	0.9	2

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73	A systems biology approach reveals major metabolic changes in the thermoacidophilic archaeon S ulfolobus solfataricus in response to the carbon source L â€fucose versus D â€glucose. Molecular Microbiology, 2016, 102, 882-908.	1.2	69
74	Protein phosphorylation and its role in archaeal signal transduction. FEMS Microbiology Reviews, 2016, 40, 625-647.	3.9	72
75	Nâ€glycosylation in the thermoacidophilic archaeon <i>Sulfolobus acidocaldarius</i> involves a short dolichol pyrophosphate carrier. FEBS Letters, 2016, 590, 3168-3178.	1.3	19
76	Archaeal orthologs of Cdc45 and GINS form a stable complex that stimulates the helicase activity of MCM. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13390-13395.	3.3	36
77	Involvement of a eukaryotic-like ubiquitin-related modifier in the proteasome pathway of the archaeon Sulfolobus acidocaldarius. Nature Communications, 2015, 6, 8163.	5.8	32
78	FlaF Is a Î²-Sandwich Protein that Anchors the Archaellum in the Archaeal Cell Envelope by Binding the S-Layer Protein. Structure, 2015, 23, 863-872.	1.6	60
79	DNA Processing Proteins Involved in the UV-Induced Stress Response of Sulfolobales. Journal of Bacteriology, 2015, 197, 2941-2951.	1.0	26
80	The archaellum: how archaea swim. Frontiers in Microbiology, 2015, 6, 23.	1.5	132
81	N-Glycosylation of the archaellum filament is not important for archaella assembly and motility, although N-Glycosylation is essential for motility in Sulfolobus acidocaldarius. Biochimie, 2015, 118, 294-301.	1.3	24
82	Archaellum Moves Archaea with Distinction. Microbe Magazine, 2015, 10, 283-288.	0.4	6
83	Archaeal TFEÎ±/Î² is a hybrid of TFIIE and the RNA polymerase III subcomplex hRPC62/39. ELife, 2015, 4, e08378.	2.8	50
84	Self-assembly of the general membrane-remodeling protein PVAP into sevenfold virus-associated pyramids. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3829-3834.	3.3	45
85	Biofilm formation of mucosa-associated methanoarchaeal strains. Frontiers in Microbiology, 2014, 5, 353.	1.5	27
86	AglB, catalyzing the oligosaccharyl transferase step of the archaeal <i>N</i>â€glycosylation process, is essential in the thermoacidophilic crenarchaeon <i>Sulfolobus acidocaldarius</i>. MicrobiologyOpen, 2014, 3, 531-543.	1.2	31
87	Dissection of key determinants of cleavage activity in signal peptidase III (SPaseIII) PibD. Extremophiles, 2014, 18, 905-913.	0.9	12
88	Secreted singleâ€stranded <scp>DNA</scp> is involved in the initial phase of biofilm formation by <scp><i>N</i></scp><i>eisseria gonorrhoeae</i>. Environmental Microbiology, 2014, 16, 1040-1052.	1.8	46
89	The archaellum: a rotating type <scp>IV</scp> pilus. Molecular Microbiology, 2014, 91, 716-723.	1.2	53
90	N-Linked Glycosylation in Archaea: a Structural, Functional, and Genetic Analysis. Microbiology and Molecular Biology Reviews, 2014, 78, 304-341.	2.9	176

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91	<scp>BarR</scp>, an <scp>Lrp</scp>â€type transcription factor in <scp><i>S</i></scp><i>ulfolobus acidocaldarius</i>, regulates an aminotransferase gene in a Î²â€alanine responsive manner. Molecular Microbiology, 2014, 92, 625-639.	1.2	20
92	Investigation of the <i>malE</i> Promoter and MalR, a Positive Regulator of the Maltose Regulon, for an Improved Expression System in Sulfolobus acidocaldarius. Applied and Environmental Microbiology, 2014, 80, 1072-1081.	1.4	28
93	The Family Sulfolobaceae. , 2014, , 323-346.		14
94	Archaeal Biofilms: The Great Unexplored. Annual Review of Microbiology, 2013, 67, 337-354.	2.9	69
95	How hyperthermophiles adapt to change their lives: DNA exchange in extreme conditions. Extremophiles, 2013, 17, 545-563.	0.9	84
96	Assembly and Function of the Archaeal Motility Structure, the Archaellum. Biophysical Journal, 2013, 104, 533a.	0.2	0
97	The oneâ€component system <scp>ArnR</scp>: a membraneâ€bound activator of the crenarchaeal archaellum. Molecular Microbiology, 2013, 88, 125-139.	1.2	53
98	The legacy of Carl Woese and Wolfram Zillig: from phylogeny to landmark discoveries. Nature Reviews Microbiology, 2013, 11, 713-719.	13.6	28
99	Insights into FlaI Functions in Archaeal Motor Assembly and Motility from Structures, Conformations, and Genetics. Molecular Cell, 2013, 49, 1069-1082.	4.5	94
100	Lysine and arginine biosyntheses mediated by a common carrier protein in Sulfolobus. Nature Chemical Biology, 2013, 9, 277-283.	3.9	52
101	Lrs14 transcriptional regulators influence biofilm formation and cell motility of Crenarchaea. ISME Journal, 2013, 7, 1886-1898.	4.4	63
102	Archaeal Signal Transduction: Impact of Protein Phosphatase Deletions on Cell Size, Motility, and Energy Metabolism in Sulfolobus acidocaldarius. Molecular and Cellular Proteomics, 2013, 12, 3908-3923.	2.5	69
103	Hot and sweet: protein glycosylation in Crenarchaeota. Biochemical Society Transactions, 2013, 41, 384-392.	1.6	48
104	First Insights into the Entry Process of Hyperthermophilic Archaeal Viruses. Journal of Virology, 2013, 87, 13379-13385.	1.5	66
105	Agl16, a Thermophilic Glycosyltransferase Mediating the Last Step of <i>N</i> -Glycan Biosynthesis in the Thermoacidophilic Crenarchaeon Sulfolobus acidocaldarius. Journal of Bacteriology, 2013, 195, 2177-2186.	1.0	34
106	Molecular analysis of the UVâ€inducible pili operon from <i>Sulfolobus acidocaldarius</i>. MicrobiologyOpen, 2013, 2, 928-937.	1.2	37
107	Insights into subunit interactions in the <i><scp>S</scp>ulfolobusÂacidocaldarius</i> archaellum cytoplasmic complex. FEBS Journal, 2013, 280, 6141-6149.	2.2	38
108	Saâ€<scp>L</scp>rp from <i><scp>S</scp>ulfolobus acidocaldarius</i> is a versatile, glutamineâ€responsive, and architectural transcriptional regulator. MicrobiologyOpen, 2013, 2, 75-93.	1.2	26

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109	Unraveling the function of the two Entnerâ€"Doudoroff branches in the thermoacidophilic CrenarchaeonSulfolobusÂsolfataricusP2. FEBS Journal, 2013, 280, 1126-1138.	2.2	18
110	Hot and sweet: protein glycosylation in Crenarchaeota. Biochemical Society Transactions, 2013, 41, 695-695.	1.6	0
111	Alterations of the Transcriptome of Sulfolobus acidocaldarius by Exoribonuclease aCPSF2. PLoS ONE, 2013, 8, e76569.	1.1	21
112	The ATPases CopA and CopB both contribute to copper resistance of the thermoacidophilic archaeon Sulfolobus solfataricus. Microbiology (United Kingdom), 2012, 158, 1622-1633.	0.7	42
113	FlaX, A Unique Component of the Crenarchaeal Archaellum, Forms Oligomeric Ring-shaped Structures and Interacts with the Motor ATPase FlaI. Journal of Biological Chemistry, 2012, 287, 43322-43330.	1.6	36
114	The sub-cellular localization of Sulfolobus DNA replication. Nucleic Acids Research, 2012, 40, 5487-5496.	6.5	30
115	Regulation of archaella expression by the FHA and von Willebrand domainâ€containing proteins ArnA and ArnB in <i>Sulfolobus acidocaldarius</i>. Molecular Microbiology, 2012, 86, 24-36.	1.2	72
116	Change of Carbon Source Causes Dramatic Effects in the Phospho-Proteome of the Archaeon <i>Sulfolobus solfataricus</i>. Journal of Proteome Research, 2012, 11, 4823-4833.	1.8	58
117	The archaellum: an old motility structure with a new name. Trends in Microbiology, 2012, 20, 307-312.	3.5	193
118	Structure and function of the adhesive type <scp>IV</scp> pilus of <i><scp>S</scp>ulfolobus acidocaldarius</i>. Environmental Microbiology, 2012, 14, 3188-3202.	1.8	75
119	Diversity, assembly and regulation of archaeal type IV pili-like and non-type-IV pili-like surface structures. Research in Microbiology, 2012, 163, 630-644.	1.0	51
120	Versatile Genetic Tool Box for the Crenarchaeote Sulfolobus acidocaldarius. Frontiers in Microbiology, 2012, 3, 214.	1.5	169
121	Chromosome segregation in Archaea mediated by a hybrid DNA partition machine. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3754-3759.	3.3	39
122	Structure and Mechanism of the CMR Complex for CRISPR-Mediated Antiviral Immunity. Molecular Cell, 2012, 45, 303-313.	4.5	279
123	Molecular analysis of the crenarchaeal flagellum. Molecular Microbiology, 2012, 83, 110-124.	1.2	110
124	Influence of cell surface structures on crenarchaeal biofilm formation using a thermostable green fluorescent protein. Environmental Microbiology, 2012, 14, 779-793.	1.8	80
125	Complementation of Sulfolobus solfataricus PBL2025 with an Î±-mannosidase: effects on surface attachment and biofilm formation. Extremophiles, 2012, 16, 115-125.	0.9	32
126	Macromolecular Fingerprinting of <i>Sulfolobus</i> Species in Biofilm: A Transcriptomic and Proteomic Approach Combined with Spectroscopic Analysis. Journal of Proteome Research, 2011, 10, 4105-4119.	1.8	41

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127	Assembly and function of the archaeal flagellum. Biochemical Society Transactions, 2011, 39, 64-69.	1.6	60
128	The thermoacidophilic archaeon Sulfolobus acidocaldarius contains an unusually short, highly reduced dolichyl phosphate. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 607-616.	1.2	30
129	Archaeal type IV pilus-like structuresâ€”evolutionarily conserved prokaryotic surface organelles. Current Opinion in Microbiology, 2011, 14, 357-363.	2.3	76
130	Ribosome recycling depends on a mechanistic link between the FeS cluster domain and a conformational switch of the twin-ATPase ABCE1. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3228-3233.	3.3	142
131	The Complete Genome Sequence of Thermoproteus tenax: A Physiologically Versatile Member of the Crenarchaeota. PLoS ONE, 2011, 6, e24222.	1.1	51
132	Archaeal flagellar ATPase motor shows ATP-dependent hexameric assembly and activity stimulation by specific lipid binding. Biochemical Journal, 2011, 437, 43-52.	1.7	60
133	UV-inducible DNA exchange in hyperthermophilic archaea mediated by type IV pili. Molecular Microbiology, 2011, 82, 807-817.	1.2	113
134	Sulfoquinovose synthase â€“ an important enzyme in the <i>N</i>â€glycosylation pathway of <i>Sulfolobus acidocaldarius</i>. Molecular Microbiology, 2011, 82, 1150-1163.	1.2	68
135	Model organisms for genetics in the domain Archaea: methanogens, halophiles,<i>Thermococcales</i>and<i>Sulfolobales</i>. FEMS Microbiology Reviews, 2011, 35, 577-608.	3.9	197
136	The archaeal cell envelope. Nature Reviews Microbiology, 2011, 9, 414-426.	13.6	444
137	The bindosome is a structural component of the Sulfolobus solfataricus cell envelope. Extremophiles, 2011, 15, 235-244.	0.9	29
138	Functional curation of the Sulfolobus solfataricus P2 and S. acidocaldarius 98-3 complete genome sequences. Extremophiles, 2011, 15, 711-712.	0.9	20
139	Simple and elegant design of a virion egress structure in Archaea. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3354-3359.	3.3	49
140	The Sulfolobicin Genes of Sulfolobus acidocaldariusEncode Novel Antimicrobial Proteins. Journal of Bacteriology, 2011, 193, 4380-4387.	1.0	43
141	â€œHot standardsâ€•for the thermoacidophilic archaeon Sulfolobus solfataricus. Extremophiles, 2010, 14, 119-142.	0.9	55
142	Comparative study of the extracellular proteome of Sulfolobus species reveals limited secretion. Extremophiles, 2010, 14, 87-98.	0.9	45
143	Inducible and constitutive promoters for genetic systems in Sulfolobus acidocaldarius. Extremophiles, 2010, 14, 249-259.	0.9	58
144	The archaeal exosome localizes to the membrane. FEBS Letters, 2010, 584, 2791-2795.	1.3	18

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145	Shaping the Archaeal Cell Envelope. Archaea, 2010, 2010, 1-13.	2.3	51
146	The S-Layer Glycoprotein of the Crenarchaeote<i>Sulfolobus acidocaldarius</i>Is Glycosylated at Multiple Sites with Chitobiose-Linked<i>N</i>-Glycans. Archaea, 2010, 2010, 1-10.	2.3	69
147	Crenarchaeal Biofilm Formation under Extreme Conditions. PLoS ONE, 2010, 5, e14104.	1.1	119
148	Appendage-Mediated Surface Adherence of <i>Sulfolobus solfataricus</i>. Journal of Bacteriology, 2010, 192, 104-110.	1.0	84
149	Ligand-Induced Formation of a Transient Tryptophan Synthase Complex with Î±Î²Î² Subunit Stoichiometry. Biochemistry, 2010, 49, 10842-10853.	1.2	10
150	Proteomic analysis of secreted membrane vesicles of archaeal Sulfolobus species reveals the presence of endosome sorting complex components. Extremophiles, 2009, 13, 67-79.	0.9	148
151	Diversity of archaeal type IV pilin-like structures. Extremophiles, 2009, 13, 403-410.	0.9	92
152	Ssâ€LrpB, a transcriptional regulator from <i>Sulfolobus solfataricus</i>, regulates a gene cluster with a pyruvate ferredoxin oxidoreductaseâ€encoding operon and permease genes. Molecular Microbiology, 2009, 71, 972-988.	1.2	44
153	<i>Acidianus</i>, <i>Sulfolobus</i> and <i>Metallosphaera</i> surface layers: structure, composition and gene expression. Molecular Microbiology, 2009, 73, 58-72.	1.2	81
154	SulfoSYS (Sulfolobus Systems Biology): towards a silicon cell model for the central carbohydrate metabolism of the archaeon Sulfolobus solfataricus under temperature variation. Biochemical Society Transactions, 2009, 37, 58-64.	1.6	25
155	Expanding and understanding the genetic toolbox of the hyperthermophilic genus <i>Sulfolobus</i>. Biochemical Society Transactions, 2009, 37, 97-101.	1.6	75
156	UVâ€inducible cellular aggregation of the hyperthermophilic archaeon <i>Sulfolobus solfataricus</i> is mediated by pili formation. Molecular Microbiology, 2008, 70, 938-952.	1.2	137
157	Cell Surface Structures of Archaea. Journal of Bacteriology, 2008, 190, 6039-6047.	1.0	61
158	Structural stability of GlcV, the nucleotide binding domain of the glucose ABC transporter of Sulfolobus solfataricus. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 324-333.	1.4	1
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