

Haike Antelmann

List of Publications by Year in descending order

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121
papers

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36303

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docs citations

127
times ranked

7439
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomics of Protein Secretion by <i>Bacillus subtilis</i> : Separating the "Secrets" of the Secretome. <i>Microbiology and Molecular Biology Reviews</i> , 2004, 68, 207-233.	6.6	497
2	Polysulfides Link H ₂ S to Protein Thiol Oxidation. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1749-1765.	5.4	410
3	Thiol-Based Redox Switches and Gene Regulation. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1049-1063.	5.4	326
4	Phosphate Starvation-Inducible Proteins of <i>Bacillus subtilis</i> : Proteomics and Transcriptional Analysis. <i>Journal of Bacteriology</i> , 2000, 182, 4478-4490.	2.2	254
5	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , 2017, 13, 94-162.	9.0	242
6	Biosynthesis and functions of bacillithiol, a major low-molecular-weight thiol in Bacilli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6482-6486.	7.1	214
7	Role of the Fur Regulon in Iron Transport in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2006, 188, 3664-3673.	2.2	206
8	The <i>Bacillus subtilis</i> iron-sparing response is mediated by a Fur-regulated small RNA and three small, basic proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11927-11932.	7.1	205
9	Genome Engineering Reveals Large Dispensable Regions in <i>Bacillus subtilis</i> . <i>Molecular Biology and Evolution</i> , 2003, 20, 2076-2090.	8.9	188
10	Specific and general stress proteins in <i>Bacillus subtilis</i> : a two-dimensional protein electrophoresis study. <i>Microbiology (United Kingdom)</i> , 1997, 143, 999-1017.	1.8	184
11	Two minimal Tat translocases in <i>Bacillus</i> . <i>Molecular Microbiology</i> , 2004, 54, 1319-1325.	2.5	174
12	S-Bacillithiolation Protects Against Hypochlorite Stress in <i>Bacillus subtilis</i> as Revealed by Transcriptomics and Redox Proteomics. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.009506.	3.8	154
13	First steps from a two-dimensional protein index towards a response-regulation map for <i>Bacillus subtilis</i> . <i>Electrophoresis</i> , 1997, 18, 1451-1463.	2.4	148
14	Thiol-based redox switches in prokaryotes. <i>Biological Chemistry</i> , 2015, 396, 415-444.	2.5	148
15	Redox regulation by reversible protein S-thiolation in bacteria. <i>Frontiers in Microbiology</i> , 2015, 6, 187.	3.5	146
16	TatC Is a Specificity Determinant for Protein Secretion via the Twin-arginine Translocation Pathway. <i>Journal of Biological Chemistry</i> , 2000, 275, 41350-41357.	3.4	139
17	Selective Contribution of the Twin-Arginine Translocation Pathway to Protein Secretion in <i>Bacillus subtilis</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 44068-44078.	3.4	113
18	Reduction in Membrane Phosphatidylglycerol Content Leads to Daptomycin Resistance in <i>Bacillus subtilis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4326-4337.	3.2	110

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19	Involvement of protein acetylation in glucose-induced transcription of a stress-responsive promoter. <i>Molecular Microbiology</i> , 2011, 81, 1190-1204.	2.5	109
20	The extracellular proteome of <i>Bacillus subtilis</i> under secretion stress conditions. <i>Molecular Microbiology</i> , 2003, 49, 143-156.	2.5	100
21	Molecular architecture of <i>Streptococcus pneumoniae</i> surface thioredoxin fold lipoproteins crucial for extracellular oxidative stress resistance and maintenance of virulence. <i>EMBO Molecular Medicine</i> , 2013, 5, 1852-1870.	6.9	99
22	Acetylation of the Response Regulator RcsB Controls Transcription from a Small RNA Promoter. <i>Journal of Bacteriology</i> , 2013, 195, 4174-4186.	2.2	99
23	Differential gene expression in response to phenol and catechol reveals different metabolic activities for the degradation of aromatic compounds in <i>Bacillus subtilis</i> . <i>Environmental Microbiology</i> , 2006, 8, 1408-1427.	3.8	95
24	Structure-Function Analysis of PrsA Reveals Roles for the Parvulin-like and Flanking N- and C-terminal Domains in Protein Folding and Secretion in <i>Bacillus subtilis</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 19302-19314.	3.4	91
25	The Role of Bacillithiol in Gram-Positive <i>Firmicutes</i> . <i>Antioxidants and Redox Signaling</i> , 2018, 28, 445-462.	5.4	90
26	<i>S</i> -Bacillithiolation Protects Conserved and Essential Proteins Against Hypochlorite Stress in <i>Firmicutes</i> Bacteria. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1273-1295.	5.4	88
27	Genome-wide responses to carbonyl electrophiles in <i>Bacillus subtilis</i> : control of the thiol-dependent formaldehyde dehydrogenase AdhA and cysteine proteinase YraA by the Mer family regulator YraB (AdhR). <i>Molecular Microbiology</i> , 2009, 71, 876-894.	2.5	87
28	The <i>E. coli</i> sirtuin CobB shows no preference for enzymatic and nonenzymatic lysine acetylation substrate sites. <i>MicrobiologyOpen</i> , 2015, 4, 66-83.	3.0	87
29	Depletion of thiol-containing proteins in response to quinones in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , 2008, 69, 1513-1529.	2.5	85
30	Redox regulation by reversible protein S-thiolation in Gram-positive bacteria. <i>Redox Biology</i> , 2019, 20, 130-145.	9.0	83
31	Stabilization of cell wall proteins in <i>Bacillus subtilis</i> : A proteomic approach. <i>Proteomics</i> , 2002, 2, 591-602.	2.2	81
32	Proteome signatures for stress and starvation in <i>Bacillus subtilis</i> as revealed by a 2-D gel image color coding approach. <i>Proteomics</i> , 2006, 6, 4565-4585.	2.2	78
33	Thiol-disulphide oxidoreductase modules in the low-GC Gram-positive bacteria. <i>Molecular Microbiology</i> , 2007, 64, 984-999.	2.5	74
34	A Global Investigation of the <i>Bacillus subtilis</i> Iron-Sparing Response Identifies Major Changes in Metabolism. <i>Journal of Bacteriology</i> , 2012, 194, 2594-2605.	2.2	72
35	The twin arginine protein transport pathway exports multiple virulence proteins in the plant pathogen <i>Streptomyces scabies</i> . <i>Molecular Microbiology</i> , 2010, 77, 252-271.	2.5	71
36	Regulation of quinone detoxification by the thiol stress sensing DUF24/Mar-like repressor, YodB in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , 2008, 67, 1108-1124.	2.5	70

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37	Protein <i>S</i> -Mycothiolation Functions as Redox-Switch and Thiol Protection Mechanism in <i>Corynebacterium glutamicum</i> Under Hypochlorite Stress. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 589-605.	5.4	68
38	The MarR-type repressor MhqR (YkvE) regulates multiple dioxygenases/glyoxalases and an azoreductase which confer resistance to 2-methylhydroquinone and catechol in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , 2007, 66, 40-54.	2.5	67
39	Diamide Triggers Mainly S Thiolations in the Cytoplasmic Proteomes of <i>Bacillus subtilis</i> and <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2009, 191, 7520-7530.	2.2	66
40	<i>Staphylococcus aureus</i> responds to allicin by global S-thioallylation – Role of the Brx/BSH/YpdA pathway and the disulfide reductase MerA to overcome allicin stress. <i>Free Radical Biology and Medicine</i> , 2019, 139, 55-69.	2.9	65
41	Identification of vegetative proteins for a two-dimensional protein index of <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , 1997, 143, 991-998.	1.8	64
42	Functional genomic analysis of the <i>Bacillus subtilis</i> Tat pathway for protein secretion. <i>Journal of Biotechnology</i> , 2002, 98, 243-254.	3.8	62
43	The human allicin-proteome: S-thioallylation of proteins by the garlic defence substance allicin and its biological effects. <i>Free Radical Biology and Medicine</i> , 2019, 131, 144-153.	2.9	61
44	Protein <i>S</i> -Bacillithiolation Functions in Thiol Protection and Redox Regulation of the Glyceraldehyde-3-Phosphate Dehydrogenase Gap in <i>Staphylococcus aureus</i> Under Hypochlorite Stress. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 410-430.	5.4	58
45	Towards the entire proteome of the model bacterium <i>Bacillus subtilis</i> by gel-based and gel-free approaches. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 849, 129-140.	2.3	57
46	Redox Regulation in <i>Bacillus subtilis</i> : The Bacilliredoxins BrxA(YphP) and BrxB(YqiW) Function in De-Bacillithiolation of <i>S</i> -Bacillithiolated OhrR and MetE. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 357-367.	5.4	57
47	The extracellular and cytoplasmic proteomes of the non-virulent <i>Bacillus anthracis</i> strain UM23C1-2. <i>Proteomics</i> , 2005, 5, 3684-3695.	2.2	54
48	pSM19035-encoded $\hat{\Gamma}$ toxin induces stasis followed by death in a subpopulation of cells. <i>Microbiology (United Kingdom)</i> , 2006, 152, 2365-2379.	1.8	54
49	Gel-based proteomics of Gram-positive bacteria: A powerful tool to address physiological questions. <i>Proteomics</i> , 2008, 8, 4958-4975.	2.2	54
50	Structural insights into the redox-switch mechanism of the MarR/DUF24-type regulator HypR. <i>Nucleic Acids Research</i> , 2012, 40, 4178-4192.	14.5	54
51	The FsrA sRNA and FbpB Protein Mediate the Iron-Dependent Induction of the <i>Bacillus subtilis</i> LutABC Iron-Sulfur-Containing Oxidases. <i>Journal of Bacteriology</i> , 2012, 194, 2586-2593.	2.2	53
52	Inhibition of Acetyl Phosphate-dependent Transcription by an Acetyltable Lysine on RNA Polymerase. <i>Journal of Biological Chemistry</i> , 2012, 287, 32147-32160.	3.4	53
53	Real-Time Imaging of the Bacillithiol Redox Potential in the Human Pathogen <i>Staphylococcus aureus</i> Using a Genetically Encoded Bacilliredoxin-Fused Redox Biosensor. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 835-848.	5.4	53
54	Redox-Sensing Under Hypochlorite Stress and Infection Conditions by the Rrf2-Family Repressor HypR in <i>Staphylococcus aureus</i> . <i>Antioxidants and Redox Signaling</i> , 2018, 29, 615-636.	5.4	51

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55	The proteome and transcriptome analysis of <i>Bacillus subtilis</i> in response to salicylic acid. <i>Proteomics</i> , 2007, 7, 698-710.	2.2	49
56	Transcriptome and proteome analyses in response to 2-methylhydroquinone and 6-brom-2-vinyl-chroman-4-on reveal different degradation systems involved in the catabolism of aromatic compounds in <i>Bacillus subtilis</i> . <i>Proteomics</i> , 2007, 7, 1391-1408.	2.2	48
57	Proteomic dissection of potential signal recognition particle dependence in protein secretion by <i>Bacillus subtilis</i> . <i>Proteomics</i> , 2006, 6, 3636-3648.	2.2	47
58	Monitoring global protein thiol-oxidation and protein S-mycothiolation in <i>Mycobacterium smegmatis</i> under hypochlorite stress. <i>Scientific Reports</i> , 2017, 7, 1195.	3.3	47
59	Proteomic signatures uncover thiol-specific electrophile resistance mechanisms in <i>Bacillus subtilis</i> . <i>Expert Review of Proteomics</i> , 2008, 5, 77-90.	3.0	46
60	Distribution and infection-related functions of bacillithiol in <i>Staphylococcus aureus</i> . <i>International Journal of Medical Microbiology</i> , 2013, 303, 114-123.	3.6	46
61	One of Two OsmC Homologs in <i>Bacillus subtilis</i> Is Part of the σ^B -Dependent General Stress Regulon. <i>Journal of Bacteriology</i> , 1998, 180, 4212-4218.	2.2	43
62	Regulation of <i>Bacillus subtilis</i> bacillithiol biosynthesis operons by Spx. <i>Microbiology (United Kingdom)</i> , 1999, 145, 869-880.	1.8	42
63	Identification and transcriptional analysis of new members of the σ^B regulon in <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , 1999, 145, 869-880.	1.8	41
64	Alliin, the Odor of Freshly Crushed Garlic: A Review of Recent Progress in Understanding Alliin's Effects on Cells. <i>Molecules</i> , 2021, 26, 1505.	3.8	40
65	Contribution of the Twin Arginine Translocation system to the exoproteome of <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2016, 6, 27675.	3.3	39
66	Regulation of acetoin and 2,3-butanediol utilization in <i>Bacillus licheniformis</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 2227-2235.	3.6	38
67	Synthetic Effects of <i>secG</i> and <i>secY2</i> Mutations on Exoproteome Biogenesis in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2010, 192, 3788-3800.	2.2	38
68	The aldehyde dehydrogenase AldA contributes to the hypochlorite defense and is redox-controlled by protein S-bacillithiolation in <i>Staphylococcus aureus</i> . <i>Redox Biology</i> , 2018, 15, 557-568.	9.0	38
69	Environmental Salinity Determines the Specificity and Need for Tat-Dependent Secretion of the YwbN Protein in <i>Bacillus subtilis</i> . <i>PLoS ONE</i> , 2011, 6, e18140.	2.5	36
70	The redox-sensing regulator YodB senses quinones and diamide via a thiol-disulfide switch in <i>Bacillus subtilis</i> . <i>Proteomics</i> , 2010, 10, 3155-3164.	2.2	35
71	The AGXX® Antimicrobial Coating Causes a Thiol-Specific Oxidative Stress Response and Protein S-bacillithiolation in <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3037.	3.5	33
72	The Paralogous MarR/DUF24-Family Repressors YodB and CatR Control Expression of the Catechol Dioxygenase CatE in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2010, 192, 4571-4581.	2.2	31

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73	The MarR-Type Repressor MhqR Confers Quinone and Antimicrobial Resistance in <i>Staphylococcus aureus</i> . <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1235-1252.	5.4	31
74	<i>Staphylococcus aureus</i> Uses the Bacilliredoxin (BrxAB)/Bacillithiol Disulfide Reductase (YpdA) Redox Pathway to Defend Against Oxidative Stress Under Infections. <i>Frontiers in Microbiology</i> , 2019, 10, 1355.	3.5	31
75	Thiol-based redox switches in the major pathogen <i>Staphylococcus aureus</i> . <i>Biological Chemistry</i> , 2021, 402, 333-361.	2.5	31
76	Functional Analyses of Mycobacterial Lipoprotein Diacylglyceryl Transferase and Comparative Secretome Analysis of a Mycobacterial <i>lgt</i> Mutant. <i>Journal of Bacteriology</i> , 2012, 194, 3938-3949.	2.2	30
77	The density of negative charge in the cell wall influences two-component signal transduction in <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 2126-2136.	1.8	29
78	The YvrI Alternative σ Factor Is Essential for Acid Stress Induction of Oxalate Decarboxylase in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2009, 191, 931-939.	2.2	29
79	Comparative Secretome Analyses of Human and Zoonotic <i>Staphylococcus aureus</i> Isolates CC8, CC22, and CC398. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2412-2433.	3.8	29
80	A Disulfide Bond-Containing Alkaline Phosphatase Triggers a BdbC-Dependent Secretion Stress Response in <i>Bacillus subtilis</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 6876-6885.	3.1	28
81	Genetic or chemical protease inhibition causes significant changes in the <i>Bacillus subtilis</i> exoproteome. <i>Proteomics</i> , 2008, 8, 2704-2713.	2.2	28
82	Cell Physiology and Protein Secretion of <i>Bacillus licheniformis</i> Compared to <i>Bacillus subtilis</i> . <i>Journal of Molecular Microbiology and Biotechnology</i> , 2009, 16, 53-68.	1.0	28
83	The alarmone (p)ppGpp confers tolerance to oxidative stress during the stationary phase by maintenance of redox and iron homeostasis in <i>Staphylococcus aureus</i> . <i>Free Radical Biology and Medicine</i> , 2020, 161, 351-364.	2.9	27
84	Application of genetically encoded redox biosensors to measure dynamic changes in the glutathione, bacillithiol and mycothiol redox potentials in pathogenic bacteria. <i>Free Radical Biology and Medicine</i> , 2018, 128, 84-96.	2.9	26
85	The plant-derived naphthoquinone lapachol causes an oxidative stress response in <i>Staphylococcus aureus</i> . <i>Free Radical Biology and Medicine</i> , 2020, 158, 126-136.	2.9	26
86	Binding of σ A and σ B to Core RNA Polymerase after Environmental Stress in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2003, 185, 35-40.	2.2	25
87	Archaeal Ubiquitin-like SAMP3 is Isopeptide-linked to Proteins via a UbaA-dependent Mechanism. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 220-239.	3.8	25
88	Stable integration of the Mrx1-roGFP2 biosensor to monitor dynamic changes of the mycothiol redox potential in <i>Corynebacterium glutamicum</i> . <i>Redox Biology</i> , 2019, 20, 514-525.	9.0	25
89	FlhF, the Third Signal Recognition Particle-GTPase of <i>Bacillus subtilis</i> , Is Dispensable for Protein Secretion. <i>Journal of Bacteriology</i> , 2004, 186, 5956-5960.	2.2	24
90	The glyceraldehyde-3-phosphate dehydrogenase GapDH of <i>Corynebacterium diphtheriae</i> is redox-controlled by protein S-mycothiolation under oxidative stress. <i>Scientific Reports</i> , 2017, 7, 5020.	3.3	24

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91	The Effect of Allicin on the Proteome of SARS-CoV-2 Infected Calu-3 Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 746795.	3.5	24
92	Quantitative proteome profiling during the fermentation process of pleiotropic <i>Bacillus subtilis</i> mutants. <i>Proteomics</i> , 2004, 4, 2408-2424.	2.2	23
93	Genome-Wide Analysis of Phosphorylated PhoP Binding to Chromosomal DNA Reveals Several Novel Features of the PhoPR-Mediated Phosphate Limitation Response in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2015, 197, 1492-1506.	2.2	23
94	The Disulfide Stress Response and Protein S-thioallylation Caused by Allicin and Diallyl Polysulfanes in <i>Bacillus subtilis</i> as Revealed by Transcriptomics and Proteomics. <i>Antioxidants</i> , 2019, 8, 605.	5.1	23
95	The Phosphorus Source Phytate Changes the Composition of the Cell Wall Proteome in <i>Bacillus subtilis</i> . <i>Journal of Proteome Research</i> , 2007, 6, 897-903.	3.7	22
96	Overflow of a hyperproduced secretory protein from the <i>Bacillus</i> Sec pathway into the Tat pathway for protein secretion as revealed by proteogenomics. <i>Proteomics</i> , 2009, 9, 1018-1032.	2.2	22
97	Global Gene Expression Profiling of <i>Bacillus subtilis</i> in Response to Ammonium and Tryptophan Starvation as Revealed by Transcriptome and Proteome Analysis. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2007, 12, 121-130.	1.0	20
98	The redox-sensing MarR-type repressor HypS controls hypochlorite and antimicrobial resistance in <i>Mycobacterium smegmatis</i> . <i>Free Radical Biology and Medicine</i> , 2020, 147, 252-261.	2.9	20
99	Genes Involved in SkfA Killing Factor Production Protect a <i>Bacillus subtilis</i> Lipase against Proteolysis. <i>Applied and Environmental Microbiology</i> , 2005, 71, 1899-1908.	3.1	19
100	Proteomic Survey through Secretome of <i>Bacillus subtilis</i> . <i>Methods of Biochemical Analysis</i> , 2005, , 179-208.	0.2	18
101	A Highly Unstable Transcript Makes CwlO D,L-Endopeptidase Expression Responsive to Growth Conditions in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2014, 196, 237-247.	2.2	18
102	Carbon Source-Dependent Reprogramming of Anaerobic Metabolism in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2021, 203, .	2.2	17
103	Utilizing redox-sensitive GFP fusions to detect in vivo redox changes in a genetically engineered prokaryote. <i>Redox Biology</i> , 2019, 26, 101280.	9.0	16
104	An essential thioredoxin-type protein of <i>Trypanosoma brucei</i> acts as redox-regulated mitochondrial chaperone. <i>PLoS Pathogens</i> , 2019, 15, e1008065.	4.7	13
105	The NAD synthetase NadE (OutB) of <i>Bacillus subtilis</i> is a σ^B -dependent general stress protein. <i>FEMS Microbiology Letters</i> , 2006, 153, 405-409.	1.8	12
106	Phenotype Enhancement Screen of a Regulatory spx Mutant Unveils a Role for the ytpQ Gene in the Control of Iron Homeostasis. <i>PLoS ONE</i> , 2011, 6, e25066.	2.5	12
107	Crystal Structure of the <i>Escherichia coli</i> DExH-Box NTPase HrpB. <i>Structure</i> , 2018, 26, 1462-1473.e4.	3.3	10
108	The Industrial Organism <i>Corynebacterium glutamicum</i> Requires Mycothiol as Antioxidant to Resist Against Oxidative Stress in Bioreactor Cultivations. <i>Antioxidants</i> , 2020, 9, 969.	5.1	10

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109	MscL of <i>Bacillus subtilis</i> prevents selective release of cytoplasmic proteins in a hypotonic environment. <i>Proteomics</i> , 2009, 9, 1033-1043.	2.2	9
110	Functional analysis of the sortase YhcS in <i>Bacillus subtilis</i> . <i>Proteomics</i> , 2011, 11, 3905-3913.	2.2	9
111	Bacterial mechanisms of reversible protein S-nitrosylation: structural and mechanistic insights into mycoredoxins. <i>Molecular Microbiology</i> , 2012, 86, 759-764.	2.5	9
112	Method for measurement of bacillithiol redox potential changes using the Brx-roGFP2 redox biosensor in <i>Staphylococcus aureus</i> . <i>MethodsX</i> , 2020, 7, 100900.	1.6	8
113	The two-Cys-type TetR repressor GbaA confers resistance under disulfide and electrophile stress in <i>Staphylococcus aureus</i> . <i>Free Radical Biology and Medicine</i> , 2021, 177, 120-131.	2.9	8
114	The Antimicrobial Activity of the AGXX® Surface Coating Requires a Small Particle Size to Efficiently Kill <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 731564.	3.5	7
115	Oxidation of bacillithiol during killing of <i>Staphylococcus aureus</i> USA300 inside neutrophil phagosomes. <i>Journal of Leukocyte Biology</i> , 2022, 112, 591-605.	3.3	7
116	Large-scale ratcheting in a bacterial DEAH/RHA-type RNA helicase that modulates antibiotics susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	6
117	Thiol-Redox Proteomics to Study Reversible Protein Thiol Oxidations in Bacteria. <i>Methods in Molecular Biology</i> , 2018, 1841, 261-275.	0.9	5
118	A thiol switch opens the gate. <i>Nature Chemical Biology</i> , 2015, 11, 4-5.	8.0	4
119	Oxidative Stress Responses and Redox Signalling Mechanisms in <i>Bacillus subtilis</i> and <i>Staphylococcus aureus</i> . , 2015, , 249-274.		3
120	Toward a Complete Proteome of <i>Bacillus subtilis</i> . , 2003, , 357-374.		0
121	Thiol targets in drug development to combat bacterial infections. , 2022, , 679-711.		0