

Simon Foster

List of Publications by Year in descending order

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137
papers

15,020
citations

18465

62
h-index

19726

117
g-index

143
all docs

143
docs citations

143
times ranked

14988
citing authors

#	ARTICLE	IF	CITATIONS
1	An Interplay of Multiple Positive and Negative Factors Governs Methicillin Resistance in <i>Staphylococcus aureus</i> . <i>Microbiology and Molecular Biology Reviews</i> , 2022, 86, e0015921.	2.9	12
2	The W-Acidic Motif of Histidine Kinase Walk Is Required for Signaling and Transcriptional Regulation in <i>Streptococcus mutans</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 820089.	1.5	1
3	Penicillin-Binding Protein 1 (PBP1) of <i>Staphylococcus aureus</i> Has Multiple Essential Functions in Cell Division. <i>MBio</i> , 2022, 13, .	1.8	11
4	Neutrophils use selective autophagy receptor Sqstm1/p62 to target <i>Staphylococcus aureus</i> for degradation <i>in vivo</i> in zebrafish. <i>Autophagy</i> , 2021, 17, 1448-1457.	4.3	21
5	<i>Staphylococcus aureus</i> cell wall structure and dynamics during host-pathogen interaction. <i>PLoS Pathogens</i> , 2021, 17, e1009468.	2.1	36
6	Human-specific staphylococcal virulence factors enhance pathogenicity in a humanised zebrafish C5a receptor model. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	2
7	Correlative Super-Resolution Optical and Atomic Force Microscopy Reveals Relationships Between Bacterial Cell Wall Architecture and Synthesis in <i>Bacillus subtilis</i> . <i>ACS Nano</i> , 2021, 15, 16011-16018.	7.3	7
8	Commensal bacteria augment <i>Staphylococcus aureus</i> infection by inactivation of phagocyte-derived reactive oxygen species. <i>PLoS Pathogens</i> , 2021, 17, e1009880.	2.1	8
9	Demonstration of the role of cell wall homeostasis in <i>Staphylococcus aureus</i> growth and the action of bactericidal antibiotics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	30
10	Ruthenium based antimicrobial theranostics using nanoscopy to identify therapeutic targets and resistance mechanisms in <i>Staphylococcus aureus</i> . <i>Chemical Science</i> , 2020, 11, 70-79.	3.7	37
11	Identification of a Quorum Sensing-Dependent Communication Pathway Mediating Bacteria-Gut-Brain Cross Talk. <i>IScience</i> , 2020, 23, 101695.	1.9	18
12	Evolving MRSA: High-level β -lactam resistance in <i>Staphylococcus aureus</i> is associated with RNA Polymerase alterations and fine tuning of gene expression. <i>PLoS Pathogens</i> , 2020, 16, e1008672.	2.1	43
13	Mononuclear ruthenium(II) theranostic complexes that function as broad-spectrum antimicrobials in therapeutically resistant pathogens through interaction with DNA. <i>Chemical Science</i> , 2020, 11, 8828-8838.	3.7	26
14	Scratching the Surface: Bacterial Cell Envelopes at the Nanoscale. <i>MBio</i> , 2020, 11, .	1.8	25
15	The architecture of the Gram-positive bacterial cell wall. <i>Nature</i> , 2020, 582, 294-297.	13.7	223
16	The Role of Macrophages in <i>Staphylococcus aureus</i> Infection. <i>Frontiers in Immunology</i> , 2020, 11, 620339.	2.2	129
17	Title is missing!. , 2020, 16, e1008672.		0
18	Title is missing!. , 2020, 16, e1008672.		0

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19	Title is missing!. , 2020, 16, e1008672.		0
20	Title is missing!. , 2020, 16, e1008672.		0
21	Title is missing!. , 2020, 16, e1008672.		0
22	Title is missing!. , 2020, 16, e1008672.		0
23	SosA inhibits cell division in <i>Staphylococcus aureus</i> in response to DNA damage. <i>Molecular Microbiology</i> , 2019, 112, 1116-1130.	1.2	26
24	The Impact of Hypoxia on the Host-Pathogen Interaction between Neutrophils and <i>Staphylococcus aureus</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 5561.	1.8	18
25	A transgenic zebrafish line for in vivo visualisation of neutrophil myeloperoxidase. <i>PLoS ONE</i> , 2019, 14, e0215592.	1.1	42
26	A Genome-Wide Screen Identifies Factors Involved in <i>S. aureus</i> -Induced Human Neutrophil Cell Death and Pathogenesis. <i>Frontiers in Immunology</i> , 2019, 10, 45.	2.2	16
27	<i>Staphylococcus aureus</i> : setting its sights on the human innate immune system. <i>Microbiology (United Kingdom)</i> 110, 2573-2585. doi:10.1093/mic/kay257	0.7	25
28	Heterogeneous localisation of membrane proteins in <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2018, 8, 3657.	1.6	18
29	Use of Larval Zebrafish Model to Study Within-Host Infection Dynamics. <i>Methods in Molecular Biology</i> , 2018, 1736, 147-156.	0.4	0
30	Construction and Use of <i>Staphylococcus aureus</i> Strains to Study Within-Host Infection Dynamics. <i>Methods in Molecular Biology</i> , 2018, 1736, 17-27.	0.4	2
31	Molecular imaging of glycan chains couples cell-wall polysaccharide architecture to bacterial cell morphology. <i>Nature Communications</i> , 2018, 9, 1263.	5.8	78
32	Molecular coordination of <i>Staphylococcus aureus</i> cell division. <i>ELife</i> , 2018, 7, .	2.8	69
33	Human skin commensals augment <i>Staphylococcus aureus</i> pathogenesis. <i>Nature Microbiology</i> , 2018, 3, 881-890.	5.9	80
34	<i>Staphylococcus aureus</i> infection dynamics. <i>PLoS Pathogens</i> , 2018, 14, e1007112.	2.1	137
35	Hypoxia determines survival outcomes of bacterial infection through HIF-1 α -dependent reprogramming of leukocyte metabolism. <i>Science Immunology</i> , 2017, 2, .	5.6	61
36	Identification of <i>Staphylococcus aureus</i> Factors Required for Pathogenicity and Growth in Human Blood. <i>Infection and Immunity</i> , 2017, 85, .	1.0	53

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37	Molecular Bases Determining Daptomycin Resistance-Mediated Resensitization to β -Lactams (Seesaw) Tj ETQq1 1 0.784314 rgBT /Over 61, .	1.4	54
38	Coordination of Chromosome Segregation and Cell Division in <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1575.	1.5	29
39	The Plasmin-Sensitive Protein Pls in Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Is a Glycoprotein. <i>PLoS Pathogens</i> , 2017, 13, e1006110.	2.1	33
40	An automated image analysis framework for segmentation and division plane detection of single live <i>Staphylococcus aureus</i> cells which can operate at millisecond sampling time scales using bespoke Slimfield microscopy. <i>Physical Biology</i> , 2016, 13, 055002.	0.8	19
41	The major autolysin is redundant for <i>Staphylococcus aureus</i> USA300 LAC JE2 virulence in a murine device-related infection model. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw087.	0.7	15
42	Intracellular <i>Staphylococcus aureus</i> eludes selective autophagy by activating a host cell kinase. <i>Autophagy</i> , 2016, 12, 2069-2084.	4.3	97
43	Atomic Force Microscopy Analysis of Bacterial Cell Wall Peptidoglycan Architecture. <i>Methods in Molecular Biology</i> , 2016, 1440, 3-9.	0.4	17
44	Alternatives to antibiotics—a pipeline portfolio review. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 239-251.	4.6	720
45	Supramolecular structure in the membrane of <i>Staphylococcus aureus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15725-15730.	3.3	26
46	Impact of the β -Lactam Resistance Modifier (β -Epicatechin Gallate on the Non-Random Distribution of Phospholipids across the Cytoplasmic Membrane of <i>Staphylococcus aureus</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 16710-16727.	1.8	19
47	Bacterial Cell Enlargement Requires Control of Cell Wall Stiffness Mediated by Peptidoglycan Hydrolases. <i>MBio</i> , 2015, 6, e00660.	1.8	83
48	A single natural nucleotide mutation alters bacterial pathogen host tropism. <i>Nature Genetics</i> , 2015, 47, 361-366.	9.4	106
49	<i>Staphylococcus aureus</i> -induced clotting of plasma is an immune evasion mechanism for persistence within the fibrin network. <i>Microbiology (United Kingdom)</i> , 2015, 161, 621-627.	0.7	30
50	The effect of skin fatty acids on <i>Staphylococcus aureus</i> . <i>Archives of Microbiology</i> , 2015, 197, 245-267.	1.0	28
51	Existence of a Colonizing <i>Staphylococcus aureus</i> Strain Isolated in Diabetic Foot Ulcers. <i>Diabetes</i> , 2015, 64, 2991-2995.	0.3	28
52	Molecular basis for bacterial peptidoglycan recognition by LysM domains. <i>Nature Communications</i> , 2014, 5, 4269.	5.8	167
53	Clonal Expansion during <i>Staphylococcus aureus</i> Infection Dynamics Reveals the Effect of Antibiotic Intervention. <i>PLoS Pathogens</i> , 2014, 10, e1003959.	2.1	73
54	Different walls for rods and balls: the diversity of peptidoglycan. <i>Molecular Microbiology</i> , 2014, 91, 862-874.	1.2	150

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55	The Interplay between Cell Wall Mechanical Properties and the Cell Cycle in <i>Staphylococcus aureus</i> . <i>Biophysical Journal</i> , 2014, 107, 2538-2545.	0.2	52
56	Surfactant-free purification of membrane protein complexes from bacteria: application to the staphylococcal penicillin-binding protein complex PBP2/PBP2a. <i>Nanotechnology</i> , 2014, 25, 285101.	1.3	53
57	<i>Staphylococcus aureus</i> DivB is a peptidoglycan-binding protein that is required for a morphological checkpoint in cell division. <i>Molecular Microbiology</i> , 2014, 94, 1041-1064.	1.2	29
58	Bactericidal Activity of the Human Skin Fatty Acid <i>cis</i> -6-Hexadecanoic Acid on <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3599-3609.	1.4	58
59	A Spaetzle-like role for nerve growth factor β 2 in vertebrate immunity to <i>Staphylococcus aureus</i> . <i>Science</i> , 2014, 346, 641-646.	6.0	68
60	Cell wall elongation mode in Gram-negative bacteria is determined by peptidoglycan architecture. <i>Nature Communications</i> , 2013, 4, 1496.	5.8	125
61	Zebrafish as a Novel Vertebrate Model To Dissect Enterococcal Pathogenesis. <i>Infection and Immunity</i> , 2013, 81, 4271-4279.	1.0	40
62	Identification of conserved antigens from staphylococcal and streptococcal pathogens. <i>Journal of Medical Microbiology</i> , 2012, 61, 766-779.	0.7	12
63	The iron-regulated surface proteins LsdA, LsdB, and LsdH are not required for heme iron utilization in <i>Staphylococcus aureus</i> . <i>FEMS Microbiology Letters</i> , 2012, 329, 93-100.	0.7	20
64	A privileged intraphagocyte niche is responsible for disseminated infection of <i>Staphylococcus aureus</i> in a zebrafish model. <i>Cellular Microbiology</i> , 2012, 14, 1600-1619.	1.1	107
65	Multiple essential roles for EzrA in cell division of <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2011, 80, 542-555.	1.2	81
66	Super-resolution microscopy reveals cell wall dynamics and peptidoglycan architecture in ovococcal bacteria. <i>Molecular Microbiology</i> , 2011, 82, 1096-1109.	1.2	111
67	Desiccation tolerance in <i>Staphylococcus aureus</i> . <i>Archives of Microbiology</i> , 2011, 193, 125-135.	1.0	121
68	A simple plasmid-based system that allows rapid generation of tightly controlled gene expression in <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2011, 157, 666-676.	0.7	40
69	Peptidoglycan architecture can specify division planes in <i>Staphylococcus aureus</i> . <i>Nature Communications</i> , 2010, 1, 26.	5.8	114
70	Iron-Regulated Surface Determinant Protein A Mediates Adhesion of <i>Staphylococcus aureus</i> to Human Corneocyte Envelope Proteins. <i>Infection and Immunity</i> , 2009, 77, 2408-2416.	1.0	78
71	Comprehensive identification of essential <i>Staphylococcus aureus</i> genes using Transposon-Mediated Differential Hybridisation (TMDH). <i>BMC Genomics</i> , 2009, 10, 291.	1.2	253
72	YsxC, an essential protein in <i>Staphylococcus aureus</i> crucial for ribosome assembly/stability. <i>BMC Microbiology</i> , 2009, 9, 266.	1.3	27

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73	A ruthenium(II) polypyridyl complex for direct imaging of DNA structure in living cells. <i>Nature Chemistry</i> , 2009, 1, 662-667.	6.6	436
74	Immobilizing live bacteria for AFM imaging of cellular processes. <i>Ultramicroscopy</i> , 2009, 109, 775-780.	0.8	74
75	Anti-Staphylococcus aureus immunotherapy: current status and prospects. <i>Current Opinion in Pharmacology</i> , 2009, 9, 552-557.	1.7	19
76	Bacterial peptidoglycan (murein) hydrolases. <i>FEMS Microbiology Reviews</i> , 2008, 32, 259-286.	3.9	725
77	A novel vertebrate model of <i>Staphylococcus aureus</i> infection reveals phagocyte-dependent resistance of zebrafish to non-host specialized pathogens. <i>Cellular Microbiology</i> , 2008, 10, 2312-2325.	1.1	185
78	Cell wall peptidoglycan architecture in <i>Bacillus subtilis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14603-14608.	3.3	207
79	IsdA Protects <i>Staphylococcus aureus</i> against the Bactericidal Protease Activity of Apolactoferrin. <i>Infection and Immunity</i> , 2008, 76, 1518-1526.	1.0	60
80	Catalase (KatA) and Alkyl Hydroperoxide Reductase (AhpC) Have Compensatory Roles in Peroxide Stress Resistance and Are Required for Survival, Persistence, and Nasal Colonization in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2007, 189, 1025-1035.	1.0	268
81	Characterization of IsaA and SceD, Two Putative Lytic Transglycosylases of <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2007, 189, 7316-7325.	1.0	162
82	The <i>Staphylococcus aureus</i> Surface Protein IsdA Mediates Resistance to Innate Defenses of Human Skin. <i>Cell Host and Microbe</i> , 2007, 1, 199-212.	5.1	180
83	Surface Adhesins of <i>Staphylococcus aureus</i> . <i>Advances in Microbial Physiology</i> , 2006, 51, 187-224.	1.0	237
84	Identification of In Vivo Expressed Antigens of <i>Staphylococcus aureus</i> and Their Use in Vaccinations for Protection against Nasal Carriage. <i>Journal of Infectious Diseases</i> , 2006, 193, 1098-1108.	1.9	183
85	Investigations into γ B -Modulated Regulatory Pathways Governing Extracellular Virulence Determinant Production in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2006, 188, 6070-6080.	1.0	44
86	<i>Staphylococcus aureus</i> : the search for novel targets. <i>Drug Discovery Today</i> , 2005, 10, 643-651.	3.2	42
87	Sigma Factor B and RsbU Are Required for Virulence in <i>Staphylococcus aureus</i> -Induced Arthritis and Sepsis. <i>Infection and Immunity</i> , 2004, 72, 6106-6111.	1.0	72
88	PheP, a Putative Amino Acid Permease of <i>Staphylococcus aureus</i> , Contributes to Survival In Vivo and during Starvation. <i>Infection and Immunity</i> , 2004, 72, 3073-3076.	1.0	17
89	Role of the hprTftsH locus in <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 373-381.	0.7	51
90	<i>Drosophila melanogaster</i> as a model host for <i>Staphylococcus aureus</i> infection. <i>Microbiology (United Kingdom)</i> , 2004, 150, 373-381.	0.7	51

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91	IsdA of <i>Staphylococcus aureus</i> is a broad spectrum, iron-regulated adhesin. <i>Molecular Microbiology</i> , 2004, 51, 1509-1519.	1.2	122
92	The role and regulation of the extracellular proteases of <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 217-228.	0.7	215
93	N-Acetylmuramoyl-l-alanine amidase. , 2004, , 866-868.		1
94	An essential role for NOD1 in host recognition of bacterial peptidoglycan containing diaminopimelic acid. <i>Nature Immunology</i> , 2003, 4, 702-707.	7.0	1,139
95	Essential <i>Bacillus subtilis</i> genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4678-4683.	3.3	1,261
96	Characterization of AcMB, an N-acetylglucosaminidase autolysin from <i>Lactococcus lactis</i> . <i>Microbiology (United Kingdom)</i> , 2003, 149, 695-705.	0.7	72
97	Role and regulation of the superoxide dismutases of <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2003, 149, 1073-1083.	0.7	168
98	A Polysaccharide Deacetylase Gene (<i>pdaA</i>) Is Required for Germination and for Production of Muramic l-Lactam Residues in the Spore Cortex of <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2002, 184, 6007-6015.	1.0	79
99	Analysis of Ebh, a 1.1-Megadalton Cell Wall-Associated Fibronectin-Binding Protein of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2002, 70, 6680-6687.	1.0	127
100	Bacterial endospores the ultimate survivors. <i>International Dairy Journal</i> , 2002, 12, 217-223.	1.5	57
101	lrfB Modulates Virulence Determinant Expression and Stress Resistance: Characterization of a Functional <i>rsbU</i> Strain Derived from <i>Staphylococcus aureus</i> 8325-4. <i>Journal of Bacteriology</i> , 2002, 184, 5457-5467.	1.0	625
102	MntR modulates expression of the PerR regulon and superoxide resistance in <i>Staphylococcus aureus</i> through control of manganese uptake. <i>Molecular Microbiology</i> , 2002, 44, 1269-1286.	1.2	220
103	Analysis of spore cortex lytic enzymes and related proteins in <i>Bacillus subtilis</i> endospore germination. <i>Microbiology (United Kingdom)</i> , 2002, 148, 2383-2392.	0.7	125
104	PerR Controls Oxidative Stress Resistance and Iron Storage Proteins and Is Required for Virulence in <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2001, 69, 3744-3754.	1.0	299
105	Analysis of the role of bacterial endospore cortex structure in resistance properties and demonstration of its conservation amongst species. <i>Journal of Applied Microbiology</i> , 2001, 91, 364-372.	1.4	66
106	Negative and positive ion matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and positive ion nano-electrospray ionization quadrupole ion trap mass spectrometry of peptidoglycan fragments isolated from various <i>Bacillus</i> species. <i>Journal of Mass Spectrometry</i> , 2001, 36, 124-139.	0.7	24
107	Identification and Analysis of <i>Staphylococcus aureus</i> Components Expressed by a Model System of Growth in Serum. <i>Infection and Immunity</i> , 2001, 69, 5198-5202.	1.0	43
108	In <i>Staphylococcus aureus</i> , Fur Is an Interactive Regulator with PerR, Contributes to Virulence, and Is Necessary for Oxidative Stress Resistance through Positive Regulation of Catalase and Iron Homeostasis. <i>Journal of Bacteriology</i> , 2001, 183, 468-475.	1.0	252

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109	In vivo roles of the germination-specific lytic enzymes of <i>Bacillus subtilis</i> 168. <i>Microbiology (United Kingdom)</i> , 2001, 147, 2275-2284.	0.7	41
110	zur: a Zn ²⁺ -responsive regulatory element of <i>Staphylococcus aureus</i> . The GenBank accession number for the sequence reported in this paper is AF101263.. <i>Microbiology (United Kingdom)</i> , 2001, 147, 1259-1266.	0.7	79
111	Starvation survival in <i>Listeria monocytogenes</i> : characterization of the response and the role of known and novel components. <i>Microbiology (United Kingdom)</i> , 2001, 147, 2275-2284.	0.7	52
112	Autolysins of <i>Bacillus subtilis</i> : multiple enzymes with multiple functions. <i>Microbiology (United Kingdom)</i> , 2001, 147, 2275-2284.	0.7	355
113	Complete spore-cortex hydrolysis during germination of <i>Bacillus subtilis</i> 168 requires SleB and YpeB. <i>Microbiology (United Kingdom)</i> , 2000, 146, 57-64.	0.7	76
114	The role of peptidoglycan structure and structural dynamics during endospore dormancy and germination. <i>Antonie Van Leeuwenhoek</i> , 1999, 75, 299-307.	0.7	70
115	Interactive regulatory pathways control virulence determinant production and stability in response to environmental conditions in <i>Staphylococcus aureus</i> . <i>Molecular Genetics and Genomics</i> , 1999, 262, 323-331.	2.4	68
116	Structural analysis of <i>Bacillus megaterium</i> KM spore peptidoglycan and its dynamics during germination. <i>Microbiology (United Kingdom)</i> , 1999, 145, 1033-1041.	0.7	34
117	Analysis of Peptidoglycan Structure from Vegetative Cells of <i>Bacillus subtilis</i> 168 and Role of PBP 5 in Peptidoglycan Maturation. <i>Journal of Bacteriology</i> , 1999, 181, 3956-3966.	1.0	208
118	Molecular characterization of an autolytic amidase of <i>Listeria monocytogenes</i> EGD. <i>Microbiology (United Kingdom)</i> , 1998, 144, 1359-1367.	0.7	46
119	Isolation and characterization of <i>Staphylococcus aureus</i> starvation-induced, stationary-phase mutants defective in survival or recovery. <i>Microbiology (United Kingdom)</i> , 1998, 144, 3159-3169.	0.7	52
120	The role of environmental factors in the regulation of virulence-determinant expression in <i>Staphylococcus aureus</i> 8325-4. <i>Microbiology (United Kingdom)</i> , 1998, 144, 2469-2479.	0.7	121
121	The role of autolysins during vegetative growth of <i>Bacillus subtilis</i> 168. <i>Microbiology (United Kingdom)</i> , 2001, 147, 2275-2284.	0.7	146
122	Characterization of the Starvation-Survival Response of <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 1998, 180, 1750-1758.	1.0	178
123	The <i>Staphylococcus aureus</i> Alternative Sigma Factor σ^B Controls the Environmental Stress Response but Not Starvation Survival or Pathogenicity in a Mouse Abscess Model. <i>Journal of Bacteriology</i> , 1998, 180, 6082-6089.	1.0	6
124	The <i>Staphylococcus aureus</i> Alternative Sigma Factor σ^B Controls the Environmental Stress Response but Not Starvation Survival or Pathogenicity in a Mouse Abscess Model. <i>Journal of Bacteriology</i> , 1998, 180, 6082-6089.	1.0	186
125	Structural analysis of <i>Bacillus subtilis</i> 168 endospore peptidoglycan and its role during differentiation. <i>Journal of Bacteriology</i> , 1996, 178, 6173-6183.	1.0	141
126	Characterization of the involvement of two compensatory autolysins in mother cell lysis during sporulation of <i>Bacillus subtilis</i> 168. <i>Journal of Bacteriology</i> , 1995, 177, 3855-3862.	1.0	84

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127	Molecular characterization and functional analysis of the major autolysin of <i>Staphylococcus aureus</i> 8325/4. <i>Journal of Bacteriology</i> , 1995, 177, 5723-5725.	1.0	144
128	The role and regulation of cell wall structural dynamics during differentiation of endospore-forming bacteria. <i>Journal of Applied Bacteriology</i> , 1994, 76, 25S-39S.	1.1	38
129	Molecular analysis of three major wall-associated proteins of <i>Bacillus subtilis</i> 168: evidence for processing of the product of a gene encoding a 258 kDa precursor two-domain ligand-binding protein. <i>Molecular Microbiology</i> , 1993, 8, 299-310.	1.2	80
130	Purification and characterization of an $\tilde{\text{actomyosin}}^{\text{TM}}$ complex from <i>Escherichia coli</i> W3110. <i>FEMS Microbiology Letters</i> , 1993, 110, 295-298.	0.7	4
131	Analysis of <i>Bacillus subtilis</i> 168 prophage-associated lytic enzymes; identification and characterization of CWLA-related prophage proteins. <i>Journal of General Microbiology</i> , 1993, 139, 3177-3184.	2.3	24
132	Analysis of the autolysins of <i>Bacillus subtilis</i> 168 during vegetative growth and differentiation by using renaturing polyacrylamide gel electrophoresis. <i>Journal of Bacteriology</i> , 1992, 174, 464-470.	1.0	169
133	Cloning, expression, sequence analysis and biochemical characterization of an autolytic amidase of <i>Bacillus subtilis</i> 168 trpC2. <i>Journal of General Microbiology</i> , 1991, 137, 1987-1998.	2.3	95
134	Pulling the trigger: the mechanism of bacterial spore germination. <i>Molecular Microbiology</i> , 1990, 4, 137-141.	1.2	116
135	Germination-specific cortex-lytic enzyme is activated during triggering of <i>Bacillus megaterium</i> KM spore germination. <i>Molecular Microbiology</i> , 1988, 2, 727-733.	1.2	36
136	Purification and properties of a germination-specific cortex-lytic enzyme from spores of <i>Bacillus megaterium</i> KM. <i>Biochemical Journal</i> , 1987, 242, 573-579.	1.7	67
137	Inhibiting Glycogen Synthase Kinase 3 β in Sepsis. <i>Novartis Foundation Symposium</i> , 0, , 128-146.	1.2	13