Olaf Schneewind

List of Publications by Year
in descending order

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230	24,691	6124	9346
papers	citations	83 h-index	148 g-index

236	236	236	16809
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineered human antibodies for the opsonization and killing ofStaphylococcus aureus. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	18
2	Toward Optimization of a Rabbit Model of Staphylococcus aureus (USA300) Skin and Soft Tissue Infection. Microbiology Spectrum, 2022, 10, e0271621.	1.2	2
3	Peptidoglycan Contribution to the B Cell Superantigen Activity of Staphylococcal Protein A. MBio, 2021, 12, .	1.8	7
4	Regulated Cleavage of Glycan Strands by the Murein Hydrolase SagB in Staphylococcus aureus Involves a Direct Interaction with LyrA (SpdC). Journal of Bacteriology, 2021, 203, .	1.0	8
5	A protein A based Staphylococcus aureus vaccine with improved safety. Vaccine, 2021, 39, 3907-3915.	1.7	9
6	The Expression of von Willebrand Factor-Binding Protein Determines Joint-Invading Capacity of Staphylococcus aureus, a Core Mechanism of Septic Arthritis. MBio, 2020, 11, .	1.8	14
7	FmhA and FmhC of Staphylococcus aureus incorporate serine residues into peptidoglycan cross-bridges. Journal of Biological Chemistry, 2020, 295, 13664-13676.	1.6	16
8	Glycosylation-dependent opsonophagocytic activity of staphylococcal protein A antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22992-23000.	3.3	19
9	Distinct Pathways Carry Out Î± and Î² Galactosylation of Secondary Cell Wall Polysaccharide in Bacillus anthracis. Journal of Bacteriology, 2020, 202, .	1.0	4
10	Rapid Pathogen Identification With Direct Application of MALDI-TOF Mass Spectrometry on an Endophthalmitis Vitreous Sample Without Prior Culture. Journal of Vitreoretinal Diseases, 2019, 3, 255-259.	0.2	3
11	Staphylococcal Protein Secretion and Envelope Assembly. Microbiology Spectrum, 2019, 7, .	1.2	8
12	Staphylococcus aureus Exploits the Host Apoptotic Pathway To Persist during Infection. MBio, 2019, 10, .	1.8	32
13	B cell superantigens in the human intestinal microbiota. Science Translational Medicine, 2019, 11, .	5.8	70
14	FPR1 is the plague receptor on host immune cells. Nature, 2019, 574, 57-62.	13.7	48
15	Extraction and Purification of Wall-Bound Polymers of Gram-Positive Bacteria. Methods in Molecular Biology, 2019, 1954, 47-57.	0.4	3
16	Staphylococcus aureus endocarditis: distinct mechanisms of bacterial adhesion to damaged and inflamed heart valves. European Heart Journal, 2019, 40, 3248-3259.	1.0	92
17	Sortases, Surface Proteins, and Their Roles inStaphylococcus aureusDisease and Vaccine Development. Microbiology Spectrum, 2019, 7, .	1.2	39
18	Sortases, Surface Proteins, and Their Roles inStaphylococcus aureusDisease and Vaccine Development. , 2019, , 173-188.		3

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19	Rapid pathogen identification and antimicrobial susceptibility testing in in vitro endophthalmitis with matrix assisted laser desorption-ionization Time-of-Flight Mass Spectrometry and VITEK 2 without prior culture. PLoS ONE, 2019, 14, e0227071.	1.1	7
20	Staphylococcus aureus Decolonization of Mice With Monoclonal Antibody Neutralizing Protein A. Journal of Infectious Diseases, 2019, 219, 884-888.	1.9	34
21	Title is missing!. , 2019, 14, e0227071.		0
22	Title is missing!. , 2019, 14, e0227071.		0
23	Title is missing!. , 2019, 14, e0227071.		0
24	Title is missing!. , 2019, 14, e0227071.		0
25	Staphylococcal Protein A Contributes to Persistent Colonization of Mice with Staphylococcus aureus. Journal of Bacteriology, 2018, 200, .	1.0	36
26	Galactosylation of the Secondary Cell Wall Polysaccharide of Bacillus anthracis and Its Contribution to Anthrax Pathogenesis. Journal of Bacteriology, 2018, 200, .	1.0	15
27	Marginal role of von Willebrand factor-binding protein and coagulase in the initiation of endocarditis in rats with catheter-induced aortic vegetations. Virulence, 2018, 9, 1615-1624.	1.8	13
28	EssH Peptidoglycan Hydrolase Enables Staphylococcus aureus Type VII Secretion across the Bacterial Cell Wall Envelope. Journal of Bacteriology, 2018, 200, .	1.0	20
29	Staphylococcus aureus targets the purine salvage pathway to kill phagocytes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6846-6851.	3.3	36
30	Septal secretion of protein A in Staphylococcus aureus requires SecA and lipoteichoic acid synthesis. ELife, 2018, 7, .	2.8	22
31	Assembly and Function of the Bacillus anthracis S-Layer. Annual Review of Microbiology, 2017, 71, 79-98.	2.9	42
32	Glutathionylation of Yersinia pestis LcrV and Its Effects on Plague Pathogenesis. MBio, 2017, 8, .	1.8	14
33	Classic Spotlight: Selected Highlights from the First 100 Years of the Journal of Bacteriology. Journal of Bacteriology, 2017, 199, .	1.0	0
34	The role of pili in Bacillus cereus intraocular infection. Experimental Eye Research, 2017, 159, 69-76.	1.2	26
35	Pathogenic conversion of coagulase-negative staphylococci. Microbes and Infection, 2017, 19, 101-109.	1.0	22
36	EssE Promotes Staphylococcus aureus ESS-Dependent Protein Secretion To Modify Host Immune Responses during Infection. Journal of Bacteriology, 2017, 199, .	1.0	28

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37	Genes Required for Bacillus anthracis Secondary Cell Wall Polysaccharide Synthesis. Journal of Bacteriology, 2017, 199, .	1.0	16
38	EssD, a Nuclease Effector of the Staphylococcus aureus ESS Pathway. Journal of Bacteriology, 2017, 199, .	1.0	47
39	Contribution of Staphylococcus aureus Coagulases and Clumping Factor A to Abscess Formation in a Rabbit Model of Skin and Soft Tissue Infection. PLoS ONE, 2016, 11, e0158293.	1.1	38
40	Interaction of Staphylococci with Human B cells. PLoS ONE, 2016, 11, e0164410.	1.1	7
41	Classic Spotlight: Molecular Biology of Methicillin Resistance in Staphylococcus aureus. Journal of Bacteriology, 2016, 198, 1903-1903.	1.0	2
42	Pathogenesis of Staphylococcus aureus Bloodstream Infections. Annual Review of Pathology: Mechanisms of Disease, 2016, 11, 343-364.	9.6	212
43	Peptidoglycan-linked protein A promotes T cell-dependent antibody expansion duringStaphylococcus aureusinfection. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5718-5723.	3.3	46
44	Staphylococcus aureus vaccines: Deviating from the carol. Journal of Experimental Medicine, 2016, 213, 1645-1653.	4.2	63
45	Classic Spotlight: Studies on the Low-Calcium Response of Yersinia pestis Reveal the Secrets of Plague Pathogenesis. Journal of Bacteriology, 2016, 198, 2018-2018.	1.0	7
46	SagB Glucosaminidase Is a Determinant of Staphylococcus aureus Glycan Chain Length, Antibiotic Susceptibility, and Protein Secretion. Journal of Bacteriology, 2016, 198, 1123-1136.	1.0	37
47	Antibodies against a secreted product of Staphylococcus aureus trigger phagocytic killing. Journal of Experimental Medicine, 2016, 213, 293-301.	4.2	51
48	Protein A-neutralizing monoclonal antibody protects neonatal mice against Staphylococcus aureus. Vaccine, 2015, 33, 523-526.	1.7	48
49	Bacillus anthracis SlaQ Promotes S-Layer Protein Assembly. Journal of Bacteriology, 2015, 197, 3216-3227.	1.0	9
50	Glutamate Racemase Mutants of Bacillus anthracis. Journal of Bacteriology, 2015, 197, 1854-1861.	1.0	14
51	Vaccine composition formulated with a novel TLR7-dependent adjuvant induces high and broad protection against Staphylococcus aureus. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3680-3685.	3.3	166
52	Staphylococcal manipulation of host immune responses. Nature Reviews Microbiology, 2015, 13, 529-543.	13.6	434
53	Bacillus anthracis lcp Genes Support Vegetative Growth, Envelope Assembly, and Spore Formation. Journal of Bacteriology, 2015, 197, 3731-3741.	1.0	16
54	Protein A Suppresses Immune Responses during Staphylococcus aureus Bloodstream Infection in Guinea Pigs. MBio, 2015, 6, .	1.8	39

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55	Bacillus anthracis tagO Is Required for Vegetative Growth and Secondary Cell Wall Polysaccharide Synthesis. Journal of Bacteriology, 2015, 197, 3511-3520.	1.0	20
56	LytR-CpsA-Psr Enzymes as Determinants of Bacillus anthracis Secondary Cell Wall Polysaccharide Assembly. Journal of Bacteriology, 2015, 197, 343-353.	1.0	41
57	N-Acetylglucosaminylation of Serine-Aspartate Repeat Proteins Promotes Staphylococcus aureus Bloodstream Infection. Journal of Biological Chemistry, 2014, 289, 3478-3486.	1.6	24
58	Vaccine Protection of Leukopenic Mice against Staphylococcus aureus Bloodstream Infection. Infection and Immunity, 2014, 82, 4889-4898.	1.0	21
59	Release of protein A from the cell wall of Staphylococcus aureus. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1574-1579.	3.3	113
60	Adhesion of Staphylococcus aureus to the vessel wall under flow is mediated by von Willebrand factorâ€“binding protein. Blood, 2014, 124, 1669-1676.	0.6	96
61	Identification of secreted bacterial proteins by noncanonical amino acid tagging. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 433-438.	3.3	99
62	A monoclonal antibody that recognizes the E domain of staphylococcal protein A. Vaccine, 2014, 32, 464-469.	1.7	10
63	Lipoteichoic Acids, Phosphate-Containing Polymers in the Envelope of Gram-Positive Bacteria. Journal of Bacteriology, 2014, 196, 1133-1142.	1.0	115
64	Mouse models for infectious diseases caused by Staphylococcus aureus. Journal of Immunological Methods, 2014, 410, 88-99.	0.6	127
65	The Capsular Polysaccharide of Staphylococcus aureus Is Attached to Peptidoglycan by the LytR-CpsA-Psr (LCP) Family of Enzymes. Journal of Biological Chemistry, 2014, 289, 15680-15690.	1.6	93
66	Sec-secretion and sortase-mediated anchoring of proteins in Gram-positive bacteria. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1687-1697.	1.9	112
67	Staphylococcus aureus infection induces protein Aâ€“mediated immune evasion in humans. Journal of Experimental Medicine, 2014, 211, 2331-2339.	4.2	125
68	GneZ, a UDP-GlcNAc 2-Epimerase, Is Required for S-Layer Assembly and Vegetative Growth of Bacillus anthracis. Journal of Bacteriology, 2014, 196, 2969-2978.	1.0	13
69	Antiinfective therapy with a small molecule inhibitor of Staphylococcus aureus sortase. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13517-13522.	3.3	128
70	The Giant Protein Ebh Is a Determinant of Staphylococcus aureus Cell Size and Complement Resistance. Journal of Bacteriology, 2014, 196, 971-981.	1.0	54
71	Genetic Manipulation of Staphylococcus aureus. Current Protocols in Microbiology, 2014, 32, Unit 9C.3..	6.5	29
72	What Genomics Has Taught Us about Gram-Positive Protein Secretion and Targeting. , 2014, , 301-326.		2

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73	Staphylococcus aureus Degrades Neutrophil Extracellular Traps to Promote Immune Cell Death. Science, 2013, 342, 863-866.	6.0	344
74	LcrV Mutants That Abolish Yersinia Type III Injectisome Function. Journal of Bacteriology, 2013, 195, 777-787.	1.0	11
75	Growth and Laboratory Maintenance of Staphylococcus aureus. Current Protocols in Microbiology, 2013, 28, Unit 9C.1.	6.5	53
76	Secreted Proteases Control Autolysin-mediated Biofilm Growth of Staphylococcus aureus. Journal of Biological Chemistry, 2013, 288, 29440-29452.	1.6	98
77	Role of Protein A in the Evasion of Host Adaptive Immune Responses by Staphylococcus aureus. MBio, 2013, 4, e00575-13.	1.8	210
78	Multiple Ligands of von Willebrand Factor-binding Protein (vWbp) Promote Staphylococcus aureus Clot Formation in Human Plasma. Journal of Biological Chemistry, 2013, 288, 28283-28292.	1.6	69
79	Bacillus cereus G9241 S-Layer Assembly Contributes to the Pathogenesis of Anthrax-Like Disease in Mice. Journal of Bacteriology, 2013, 195, 596-605.	1.0	24
80	Staphylococcus aureus Mutants Lacking the LytR-CpsA-Psr Family of Enzymes Release Cell Wall Teichoic Acids into the Extracellular Medium. Journal of Bacteriology, 2013, 195, 4650-4659.	1.0	104
81	Translational Regulation of Yersinia enterocolitica mRNA Encoding a Type III Secretion Substrate. Journal of Biological Chemistry, 2013, 288, 35478-35488.	1.6	25
82	Vaccine Protection against Bacillus cereus-Mediated Respiratory Anthrax-Like Disease in Mice. Infection and Immunity, 2013, 81, 1008-1017.	1.0	9
83	Bacillus anthracis Acetyltransferases PatA1 and PatA2 Modify the Secondary Cell Wall Polysaccharide and Affect the Assembly of S-Layer Proteins. Journal of Bacteriology, 2013, 195, 977-989.	1.0	24
84	Hereditary Hemochromatosis Restores the Virulence of Plague Vaccine Strains. Journal of Infectious Diseases, 2012, 206, 1050-1058.	1.9	52
85	Secretion Genes as Determinants of Bacillus anthracis Chain Length. Journal of Bacteriology, 2012, 194, 3841-3850.	1.0	39
86	Polymorphisms in thelcrVGene of Yersinia enterocolitica and Their Effect on Plague Protective Immunity. Infection and Immunity, 2012, 80, 1572-1582.	1.0	17
87	Determinants of Murein Hydrolase Targeting to Cross-wall of Staphylococcus aureus Peptidoglycan. Journal of Biological Chemistry, 2012, 287, 10460-10471.	1.6	83
88	Surface-Layer (S-Layer) Proteins Sap and EA1 Govern the Binding of the S-Layer-Associated Protein BslO at the Cell Septa of Bacillus anthracis. Journal of Bacteriology, 2012, 194, 3833-3840.	1.0	39
89	Synthesis of Lipoteichoic Acids in Bacillus anthracis. Journal of Bacteriology, 2012, 194, 4312-4321.	1.0	27
90	Abscess Formation and Alpha-Hemolysin Induced Toxicity in a Mouse Model of Staphylococcus aureus Peritoneal Infection. Infection and Immunity, 2012, 80, 3721-3732.	1.0	83

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91	Coagulases as Determinants of Protective Immune Responses against Staphylococcus aureus. Infection and Immunity, 2012, 80, 3389-3398.	1.0	68
92	<i>Staphylococcus aureus</i> Secretes Coagulase and von Willebrand Factor Binding Protein to Modify the Coagulation Cascade and Establish Host Infections. Journal of Innate Immunity, 2012, 4, 141-148.	1.8	122
93	Protein A-Specific Monoclonal Antibodies and Prevention of Staphylococcus aureus Disease in Mice. Infection and Immunity, 2012, 80, 3460-3470.	1.0	94
94	Sortase-conjugation generates a capsule vaccine that protects guinea pigs against Bacillus anthracis. Vaccine, 2012, 30, 3435-3444.	1.7	28
95	Recurrent infections and immune evasion strategies of Staphylococcus aureus. Current Opinion in Microbiology, 2012, 15, 92-99.	2.3	189
96	Protein secretion and surface display in Gram-positive bacteria. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 1123-1139.	1.8	212
97	Exploring Staphylococcus aureus pathways to disease for vaccine development. Seminars in Immunopathology, 2012, 34, 317-333.	2.8	36
98	Isopeptide bonds of the major pilin protein BcpA influence pilus structure and bundle formation on the surface of Bacillus cereus. Molecular Microbiology, 2012, 85, 152-163.	1.2	17
99	Bacillus anthracisprotease InhA regulates BslAâ€mediated adhesion in human endothelial cells. Cellular Microbiology, 2012, 14, 1219-1230.	1.1	25
100	In vivo detection of Staphylococcus aureus endocarditis by targeting pathogen-specific prothrombin activation. Nature Medicine, 2011, 17, 1142-1146.	15.2	144
101	Plague in Guinea Pigs and Its Prevention by Subunit Vaccines. American Journal of Pathology, 2011, 178, 1689-1700.	1.9	20
102	Prevention of pneumonic plague in mice, rats, guinea pigs and non-human primates with clinical grade rV10, rV10-2 or F1-V vaccines. Vaccine, 2011, 29, 6572-6583.	1.7	58
103	A play in four acts: Staphylococcus aureus abscess formation. Trends in Microbiology, 2011, 19, 225-232.	3.5	233
104	Two capsular polysaccharides enable Bacillus cereus G9241 to cause anthraxâ€like disease. Molecular Microbiology, 2011, 80, 455-470.	1.2	76
105	The SLHâ€domain protein BslO is a determinant of Bacillus anthracis chain length. Molecular Microbiology, 2011, 81, 192-205.	1.2	32
106	Architects at the bacterial surface â€" sortases and the assembly of pili with isopeptide bonds. Nature Reviews Microbiology, 2011, 9, 166-176.	13.6	233
107	Enzymatic properties of Staphylococcus aureus adenosine synthase (AdsA). BMC Biochemistry, 2011, 12, 56.	4.4	58
108	Rapidly Progressive, Fatal, Inhalation Anthrax-like Infection in a Human: Case Report, Pathogen Genome Sequencing, Pathology, and Coordinated Response. Archives of Pathology and Laboratory Medicine, 2011, 135, 1447-1459.	1.2	64

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109	LytN, a Murein Hydrolase in the Cross-wall Compartment of Staphylococcus aureus, Is Involved in Proper Bacterial Growth and Envelope Assembly. Journal of Biological Chemistry, 2011, 286, 32593-32605.	1.6	57
110	Structure of Surface Layer Homology (SLH) Domains from Bacillus anthracis Surface Array Protein. Journal of Biological Chemistry, 2011, 286, 26042-26049.	1.6	74
111	Structural vaccinology to thwart antigenic variation in microbial pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10029-10030.	3.3	7
112	Identifying protective antigens ofStaphylococcus aureus, a pathogen that suppresses host immune responses. FASEB Journal, 2011, 25, 3605-3612.	0.2	62
113	Preventing Staphylococcus aureus Sepsis through the Inhibition of Its Agglutination in Blood. PLoS Pathogens, 2011, 7, e1002307.	2.1	195
114	Reply to Kernodle. Journal of Infectious Diseases, 2011, 203, 1693-1694.	1.9	1
115	Targeting of Alphaâ€Hemolysin by Active or Passive Immunization Decreases Severity of USA300 Skin Infection in a Mouse Model. Journal of Infectious Diseases, 2010, 202, 1050-1058.	1.9	303
116	BslA, the Sâ€layer adhesin of B.â€ƒanthracis, is a virulence factor for anthrax pathogenesis. Molecular Microbiology, 2010, 75, 324-332.	1.2	74
117	YopR impacts type III needle polymerization inYersiniaspecies. Molecular Microbiology, 2010, 75, 221-229.	1.2	16
118	ABI domainâ€containing proteins contribute to surface protein display and cell division in Staphylococcus aureus. Molecular Microbiology, 2010, 78, 238-252.	1.2	39
119	CcpA Mediates Proline Auxotrophy and Is Required forStaphylococcus aureusPathogenesis. Journal of Bacteriology, 2010, 192, 3883-3892.	1.0	72
120	Contribution of Coagulases towards Staphylococcus aureus Disease and Protective Immunity. PLoS Pathogens, 2010, 6, e1001036.	2.1	258
121	Nontoxigenic protein A vaccine for methicillin-resistant Staphylococcus aureus infections in mice. Journal of Experimental Medicine, 2010, 207, 1863-1870.	4.2	189
122	Bacillus anthracis Surface-Layer Proteins Assemble by Binding to the Secondary Cell Wall Polysaccharide in a Manner that Requires csaB and tagO. Journal of Molecular Biology, 2010, 401, 757-775.	2.0	73
123	Amino acid residues 196â€“225 of LcrV represent a plague protective epitope. Vaccine, 2010, 28, 1870-1876.	1.7	34
124	IsdA and IsdB antibodies protect mice against Staphylococcus aureus abscess formation and lethal challenge. Vaccine, 2010, 28, 6382-6392.	1.7	154
125	Genetic requirements forStaphylococcus aureusabscess formation and persistence in host tissues. FASEB Journal, 2009, 23, 3393-3404.	0.2	363
126	Sortase D Forms the Covalent Bond That Links BcpB to the Tip of Bacillus cereus Pili. Journal of Biological Chemistry, 2009, 284, 12989-12997.	1.6	39

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127	Penetration of the Blood-Brain Barrier by Bacillus anthracis Requires the pXO1-Encoded BslA Protein. Journal of Bacteriology, 2009, 191, 7165-7173.	1.0	34
128	Yersinia pestisIS1541Transposition Provides for Escape from Plague Immunity. Infection and Immunity, 2009, 77, 1807-1816.	1.0	22
129	Intramolecular amide bonds stabilize pili on the surface of bacilli. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19992-19997.	3.3	64
130	Plague vaccines and the molecular basis of immunity againstYersinia pestis. Hum Vaccin, 2009, 5, 817-823.	2.4	37
131	Capsule anchoring in Bacillus anthracis occurs by a transpeptidation reaction that is inhibited by capsidin. Molecular Microbiology, 2009, 71, 404-420.	1.2	61
132	Staphylococcus aureus synthesizes adenosine to escape host immune responses. Journal of Experimental Medicine, 2009, 206, 2417-2427.	4.2	215
133	Pneumonic Plague Pathogenesis and Immunity in Brown Norway Rats. American Journal of Pathology, 2009, 174, 910-921.	1.9	41
134	Signal peptides direct surface proteins to two distinct envelope locations of Staphylococcus aureus. EMBO Journal, 2008, 27, 2656-2668.	3.5	98
135	BslA, a pXO1â€encoded adhesin of Bacillus anthracis. Molecular Microbiology, 2008, 68, 504-515.	1.2	85
136	YscU cleavage and the assembly of Yersinia type III secretion machine complexes. Molecular Microbiology, 2008, 68, 1485-1501.	1.2	46
137	Yersinia enterocolitica type III secretion of YopR requires a structure in its mRNA. Molecular Microbiology, 2008, 70, 1210-1222.	1.2	19
138	Sortase as a Target of Anti-Infective Therapy. Pharmacological Reviews, 2008, 60, 128-141.	7.1	219
139	Toll-Like Receptor 6 Drives Differentiation of Tolerogenic Dendritic Cells and Contributes to LcrV-Mediated Plague Pathogenesis. Cell Host and Microbe, 2008, 4, 350-361.	5.1	136
140	Sortases make pili from three ingredients. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13703-13704.	3.3	17
141	Yersinia pestis caf1Variants and the Limits of Plague Vaccine Protection. Infection and Immunity, 2008, 76, 2025-2036.	1.0	60
142	Genome Sequence of Staphylococcus aureus Strain Newman and Comparative Analysis of Staphylococcal Genomes: Polymorphism and Evolution of Two Major Pathogenicity Islands. Journal of Bacteriology, 2008, 190, 300-310.	1.0	511
143	Immunization with Recombinant V10 Protects Cynomolgus Macaques from Lethal Pneumonic Plague. Infection and Immunity, 2008, 76, 5588-5597.	1.0	63
144	Amide bonds assemble pili on the surface of bacilli. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10215-10220.	3.3	76

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145	Impassable YscP Substrates and Their Impact on the Yersinia enterocolitica Type III Secretion Pathway. Journal of Bacteriology, 2008, 190, 6204-6216.	1.0	32
146	Bacillus anthracis Secretes Proteins That Mediate Heme Acquisition from Hemoglobin. PLoS Pathogens, 2008, 4, e1000132.	2.1	116
147	Cell Wall Anchor Structure of BcpA Pili in Bacillus anthracis. Journal of Biological Chemistry, 2008, 283, 36676-36686.	1.6	43
148	Generating a Collection of Insertion Mutations in the Staphylococcus aureus Genome Using bursa aurealis. Methods in Molecular Biology, 2008, 416, 103-116.	0.4	68
149	Sortase C-Mediated Anchoring of BasI to the Cell Wall Envelope of Bacillus anthracis. Journal of Bacteriology, 2007, 189, 6425-6436.	1.0	35
150	Synthesis of glycerol phosphate lipoteichoic acid in Staphylococcus aureus. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8478-8483.	3.3	269
151	Surface Proteins and Exotoxins Are Required for the Pathogenesis of Staphylococcus aureus Pneumonia. Infection and Immunity, 2007, 75, 1040-1044.	1.0	314
152	Distribution of Protein A on the Surface of Staphylococcus aureus. Journal of Bacteriology, 2007, 189, 4473-4484.	1.0	74
153	Protective Immunity Against Plague. Advances in Experimental Medicine and Biology, 2007, 603, 415-424.	0.8	23
154	Ubiquitin-Yop hybrids as probes for post-translational transport by the Yersinia type III secretion pathway. Molecular Microbiology, 2007, 65, 386-400.	1.2	3
155	Assembly of pili on the surface of Bacillus cereus vegetative cells. Molecular Microbiology, 2007, 66, 495-510.	1.2	91
156	Cross-Linked Peptidoglycan Mediates Lysostaphin Binding to the Cell Wall Envelope of Staphylococcus aureus. Journal of Bacteriology, 2006, 188, 2463-2472.	1.0	150
157	Prophages of Staphylococcus aureus Newman and their contribution to virulence. Molecular Microbiology, 2006, 62, 1035-1047.	1.2	219
158	Targeting proteins to the cell wall of sporulating Bacillus anthracis. Molecular Microbiology, 2006, 62, 1402-1417.	1.2	91
159	Iron Acquisition and Transport in Staphylococcus aureus. BioMetals, 2006, 19, 193-203.	1.8	113
160	Allelic replacement in Staphylococcus aureus with inducible counter-selection. Plasmid, 2006, 55, 58-63.	0.4	562
161	Characterization of the Yersinia enterocolitica Type III Secretion ATPase YscN and Its Regulator, YscL. Journal of Bacteriology, 2006, 188, 3525-3534.	1.0	77
162	Immunogenicity and Protective Immunity against Bubonic Plague and Pneumonic Plague by Immunization of Mice with the Recombinant V10 Antigen, a Variant of LcrV. Infection and Immunity, 2006, 74, 4910-4914.	1.0	56

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163	Sortases and the Art of Anchoring Proteins to the Envelopes of Gram-Positive Bacteria. Microbiology and Molecular Biology Reviews, 2006, 70, 192-221.	2.9	569
164	Secretion signal recognition by YscN, the Yersinia type III secretion ATPase. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16490-16495.	3.3	45
165	Vaccine assembly from surface proteins of Staphylococcus aureus. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16942-16947.	3.3	279
166	Surface Protein IsdC and Sortase B Are Required for Heme-Iron Scavenging of Bacillus anthracis. Journal of Bacteriology, 2006, 188, 8145-8152.	1.0	119
167	Staphylococcus aureus IsdB Is a Hemoglobin Receptor Required for Heme Iron Utilization. Journal of Bacteriology, 2006, 188, 8421-8429.	1.0	277
168	Bacillus anthracis IsdG, a Heme-Degrading Monooxygenase. Journal of Bacteriology, 2006, 188, 1071-1080.	1.0	112
169	Staphylococcus aureus Mutants with Increased Lysostaphin Resistance. Journal of Bacteriology, 2006, 188, 6286-6297.	1.0	97
170	Plague Bacteria Target Immune Cells During Infection. Science, 2005, 309, 1739-1741.	6.0	300
171	Substrate recognition of type III secretion machines -testing the RNA signal hypothesis. Cellular Microbiology, 2005, 7, 1217-1225.	1.1	39
172	Bacillus anthracis Sortase A (SrtA) Anchors LPXTG Motif-Containing Surface Proteins to the Cell Wall Envelope. Journal of Bacteriology, 2005, 187, 4646-4655.	1.0	76
173	Rejection of Impassable Substrates by Yersinia Type III Secretion Machines. Journal of Bacteriology, 2005, 187, 7090-7102.	1.0	29
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