Gerald B Pier

List of Publications by Year
in descending order

239 papers	19,074 citations	10373 72 h-index	14197 128 g-index
317 all docs	317 docs citations	317 times ranked	16763 citing authors

#	Article	IF	Citations
1	A qnr-plasmid allows aminoglycosides to induce SOS in Escherichia coli. ELife, 2022, 11, .	2.8	4
2	Pseudomonas aeruginosaâ€“induced nociceptor activation increases susceptibility to infection. PLoS Pathogens, 2021, 17, e1009557.	2.1	17
3	COVID-19 is a systemic vascular hemopathy: insight for mechanistic and clinical aspects. Angiogenesis, 2021, 24, 755-788.	3.7	114
4	Antibody activities in hyperimmune plasma against the Rhodococcus equi virulence -associated protein A or poly-N-acetyl glucosamine are associated with protection of foals against rhodococcal pneumonia. PLoS ONE, 2021, 16, e0250133.	1.1	5
5	Serum Antibody Activity against Poly- N -Acetyl Glucosamine (PNAG), but Not PNAG Vaccination Status, Is Associated with Protecting Newborn Foals against Intrabronchial Infection with Rhodococcus equi. Microbiology Spectrum, 2021, 9, e0063821.	1.2	3
6	Randomized, controlled trial comparingRhodococcus equiand<scp>polyâ€N</scp>â€acetyl glucosamine hyperimmune plasma to preventRâ€‰equipneumonia in foals. Journal of Veterinary Internal Medicine, 2021, 35, 2912-2919.	0.6	6
7	Experimental Urethral Infection with Neisseria gonorrhoeae. Current Topics in Microbiology and Immunology, 2021, , 1.	0.7	5
8	Immunization against a Conserved Surface Polysaccharide Stimulates Bovine Antibodies with Opsonic Killing Activity but Does Not Protect against Babesia bovis Challenge. Pathogens, 2021, 10, 1598.	1.2	3
9	Vaccination against the broadly expressed microbial antigen PNAG prevents cognitive decline in the APP-PS1 mouse model of Alzheimer's disease.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e053793.	0.4	0
10	Antibody recognition of bacterial surfaces and extracellular polysaccharides. Current Opinion in Structural Biology, 2020, 62, 48-55.	2.6	20
11	Broadly protective semi-synthetic glycoconjugate vaccine against pathogens capable of producing poly-Î²-(1â†’6)-N-acetyl-d-glucosamine exopolysaccharide. Drug Discovery Today: Technologies, 2020, 35-36, 13-21.	4.0	10
12	Glycomics Microarrays Reveal Differential In Situ Presentation of the Biofilm Polysaccharide Poly-N-acetylglucosamine on Acinetobacter baumannii and Staphylococcus aureus Cell Surfaces. International Journal of Molecular Sciences, 2020, 21, 2465.	1.8	28
13	Vaccination of yearling horses against poly-N-acetyl glucosamine fails to protect against infection with Streptococcus equi subspecies equi. PLoS ONE, 2020, 15, e0240479.	1.1	3
14	Title is missing!. , 2020, 15, e0240479.		0
15	Title is missing!. , 2020, 15, e0240479.		0
16	Title is missing!. , 2020, 15, e0240479.		0
17	A Conserved Streptococcal Virulence Regulator Controls the Expression of a Distinct Class of M-Like Proteins. MBio, 2019, 10, .	1.8	8
18	PNAG-specific equine IgG1 mediates significantly greater opsonization and killing of Prescottella equi (formerly Rhodococcus equi) than does IgG4/7. Vaccine, 2019, 37, 1142-1150.	1.7	10

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19	In vitro evaluation of complement deposition and opsonophagocytic killing of Rhodococcus equi mediated by polyâ€Nâ€acetyl glucosamine hyperimmune plasma compared to commercial plasma products. Journal of Veterinary Internal Medicine, 2019, 33, 1493-1499.	0.6	12
20	PolyGlcNAc-containing exopolymers enable surface penetration by non-motile Enterococcus faecalis. PLoS Pathogens, 2019, 15, e1007571.	2.1	24
21	Immunization against poly- N -acetylglucosamine reduces neutrophil activation and GVHD while sparing microbial diversity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20700-20706.	3.3	25
22	Inhibition of Pseudomonas aeruginosa and Mycobacterium tuberculosis disulfide bond forming enzymes. Molecular Microbiology, 2019, 111, 918-937.	1.2	21
23	Macrophage FABP4 is required for neutrophil recruitment and bacterial clearance in Pseudomonas aeruginosa pneumonia. FASEB Journal, 2019, 33, 3562-3574.	0.2	24
24	Vaccination Against Poly-N-Acetylglucosamine Decreases Neutrophil Activation and Gvhd While Maintaining Microbial Diversity. Blood, 2019, 134, 3209-3209.	0.6	0
25	Structural basis for antibody targeting of the broadly expressed microbial polysaccharide poly-N-acetylglucosamine. Journal of Biological Chemistry, 2018, 293, 5079-5089.	1.6	39
26	Immunization with outer membrane vesicles displaying conserved surface polysaccharide antigen elicits broadly antimicrobial antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3106-E3115.	3.3	81
27	Antibody to Poly-N-acetyl glucosamine provides protection against intracellular pathogens: Mechanism of action and validation in horse foals challenged with Rhodococcus equi. PLoS Pathogens, 2018, 14, e1007160.	2.1	39
28	PgaB orthologues contain a glycoside hydrolase domain that cleaves deacetylated poly-Î²(1,6)-N-acetylglucosamine and can disrupt bacterial biofilms. PLoS Pathogens, 2018, 14, e1006998.	2.1	59
29	Antibodies to Conserved Surface Polysaccharides Protect Mice Against Bacterial Conjunctivitis. , 2018, 59, 2512.		10
30	Production of poly-Î²-1,6-N-acetylglucosamine by MatAB is required for hyphal aggregation and hydrophilic surface adhesion by Streptomyces. Microbial Cell, 2018, 5, 269-279.	1.4	23
31	In vitro Susceptibility of Pseudomonas aeruginosa Isolated from Acute and Chronic Pulmonary Infection to Antibiotics, Lactobacillus Competition and Metal Nanoparticles. Pakistan Journal of Zoology, 2018, 50, .	0.1	1
32	Molecular basis for PNAG-dependent biofilm disruption by PgaB. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, a101-a101.	0.0	0
33	A Novel Repressor of the ica Locus Discovered in Clinically Isolated Super-Biofilm-Elaborating Staphylococcus aureus. MBio, 2017, 8, .	1.8	29
34	Immune Recognition of the Epidemic Cystic Fibrosis Pathogen Burkholderia dolosa. Infection and Immunity, 2017, 85, .	1.0	5
35	Complexity of Complement Resistance Factors Expressed by Acinetobacter baumannii Needed for Survival in Human Serum. Journal of Immunology, 2017, 199, 2803-2814.	0.4	43
36	Active and Passive Immunization Against Staphylococcus aureus Periprosthetic Osteomyelitis in Rats. In Vivo, 2017, 31, 45-50.	0.6	14

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37	Efficacy of Antibody to PNAG Against Keratitis Caused by Fungal Pathogens. , 2016, 57, 6797.		15
38	Transcriptomic Analysis of Staphylococcus epidermidis Biofilm-Released Cells upon Interaction with Human Blood Circulating Immune Cells and Soluble Factors. Frontiers in Microbiology, 2016, 7, 1143.	1.5	7
39	Staphylococcus epidermidis Biofilm-Released Cells Induce a Prompt and More Marked In vivo Inflammatory-Type Response than Planktonic or Biofilm Cells. Frontiers in Microbiology, 2016, 7, 1530.	1.5	16
40	Antibiotic resistance and virulence: Understanding the link and its consequences for prophylaxis and therapy. BioEssays, 2016, 38, 682-693.	1.2	38
41	Distinct Mechanisms Underlie Boosted Polysaccharide-Specific IgG Responses Following Secondary Challenge with Intact Gram-Negative versus Gram-Positive Extracellular Bacteria. Journal of Immunology, 2016, 196, 4614-4621.	0.4	1
42	Poly- N -Acetylglucosamine Production by Staphylococcus epidermidis Cells Increases Their In Vivo Proinflammatory Effect. Infection and Immunity, 2016, 84, 2933-2943.	1.0	9
43	Characterization of an in vitro fed-batch model to obtain cells released from S. epidermidis biofilms. AMB Express, 2016, 6, 23.	1.4	27
44	Impact of Drug Resistance on Virulence and Fitness of Bacterial Pathogens. Critical Care Medicine, 2016, 44, e50-e51.	0.4	2
45	Extended-spectrum antibodies protective against carbapenemase-producing Enterobacteriaceae. Journal of Antimicrobial Chemotherapy, 2016, 71, 927-935.	1.3	22
46	Absence of TLR11 in Mice Does Not Confer Susceptibility to Salmonella Typhi. Cell, 2016, 164, 827-828.	13.5	22
47	The exceptionally broad-based potential of active and passive vaccination targeting the conserved microbial surface polysaccharide PNAG. Expert Review of Vaccines, 2016, 15, 1041-1053.	2.0	44
48	Novel vaccine antigen combinations elicit protective immune responses against Escherichia coli sepsis. Vaccine, 2016, 34, 656-662.	1.7	39
49	Structural Relationship of the Lipid A Acyl Groups to Activation of Murine Toll-Like Receptor 4 by Lipopolysaccharides from Pathogenic Strains of Burkholderia mallei, Acinetobacter baumannii, and Pseudomonas aeruginosa. Frontiers in Immunology, 2015, 6, 595.	2.2	51
50	Intestinal Microbiota of Mice Influences Resistance to Staphylococcus aureus Pneumonia. Infection and Immunity, 2015, 83, 4003-4014.	1.0	169
51	Fitness cost of antibiotic susceptibility during bacterial infection. Science Translational Medicine, 2015, 7, 297ra114.	5.8	122
52	Identification of Poly-N-acetylglucosamine as a Major Polysaccharide Component of the Bacillus subtilis Biofilm Matrix. Journal of Biological Chemistry, 2015, 290, 19261-19272.	1.6	118
53	Comparative proteomic and transcriptomic profile of Staphylococcus epidermidis biofilms grown in glucose-enriched medium. Talanta, 2015, 132, 705-712.	2.9	14
54	A Poly- N -Acetylglucosamineâ"Shiga Toxin Broad-Spectrum Conjugate Vaccine for Shiga Toxin-Producing Escherichia coli. MBio, 2014, 5, e00974-14.	1.8	20

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55	BIIL 284 reduces neutrophil numbers but increases P. aeruginosa bacteremia and inflammation in mouse lungs. Journal of Cystic Fibrosis, 2014, 13, 156-163.	0.3	61
56	Dormancy within Staphylococcus epidermidis biofilms: a transcriptomic analysis by RNA-seq. Applied Microbiology and Biotechnology, 2014, 98, 2585-2596.	1.7	25
57	Alterations in theStaphylococcus epidermidisbiofilm transcriptome following interaction with whole human blood. Pathogens and Disease, 2014, 70, 444-448.	0.8	23
58	Dormant bacteria within Staphylococcus epidermidis biofilms have low inflammatory properties and maintain tolerance to vancomycin and penicillin after entering planktonic growth. Journal of Medical Microbiology, 2014, 63, 1274-1283.	0.7	24
59	Microbiota-Driven Immune Cellular Maturation Is Essential for Antibody-Mediated Adaptive Immunity to Staphylococcus aureus Infection in the Eye. Infection and Immunity, 2014, 82, 3483-3491.	1.0	18
60	The persistence of biofilm-associated antibiotic resistance of Staphylococcus aureus isolated from clinical bovine mastitis cases in Australia. Folia Microbiologica, 2013, 58, 469-474.	1.1	31
61	Antibody to a conserved antigenic target is protective against diverse prokaryotic and eukaryotic pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2209-18.	3.3	152
62	Enhanced in vivo fitness of carbapenem-resistant oprD mutants of Pseudomonas aeruginosa revealed through high-throughput sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20747-20752.	3.3	128
63	A novel knee prosthesis model of implant-related osteo- myelitis in rats. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 84, 92-97.	1.2	20
64	Cochlin Produced by Follicular Dendritic Cells Promotes Antibacterial Innate Immunity. Immunity, 2013, 38, 1063-1072.	6.6	57
65	Linear and cyclic oligo-β-(1→6)-D-glucosamines: Synthesis, conformations, and applications for design of a vaccine and oligodentate glycoconjugates. Pure and Applied Chemistry, 2013, 85, 1879-1891.	0.9	18
66	A Comprehensive Analysis of In Vitro and In Vivo Genetic Fitness of Pseudomonas aeruginosa Using High-Throughput Sequencing of Transposon Libraries. PLoS Pathogens, 2013, 9, e1003582.	2.1	178
67	Will there ever be a universalStaphylococcus aureusvaccine?. Human Vaccines and Immunotherapeutics, 2013, 9, 1865-1876.	1.4	43
68	Collaboration Between Macrophages and Vaccine-Induced CD4+ T Cells Confers Protection Against Lethal Pseudomonas aeruginosa Pneumonia During Neutropenia. Journal of Infectious Diseases, 2013, 207, 39-49.	1.9	21
69	Homotrimeric Macrophage Migration Inhibitory Factor (MIF) Drives Inflammatory Responses in the Corneal Epithelium by Promoting Caveolin-rich Platform Assembly in Response to Infection. Journal of Biological Chemistry, 2013, 288, 8269-8278.	1.6	11
70	Staphylococcus aureusCorneal Infections: Effect of the Panton-Valentine Leukocidin (PVL) and Antibody to PVL on Virulence and Pathology. , 2013, 54, 4430.		33
71	Monoclonal Antibody Raised against PNAG Has Variable Effects on Static S. epidermidis Biofilm Accumulation In Vitro. International Journal of Biological Sciences, 2013, 9, 518-520.	2.6	19
72	Methicillin Resistance Alters the Biofilm Phenotype and Attenuates Virulence in Staphylococcus aureus Device-Associated Infections. PLoS Pathogens, 2012, 8, e1002626.	2.1	237

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73	Targeting Pan-Resistant Bacteria With Antibodies to a Broadly Conserved Surface Polysaccharide Expressed During Infection. Journal of Infectious Diseases, 2012, 205, 1709-1718.	1.9	49
74	Natural Antibodies in Normal Human Serum Inhibit Staphylococcus aureus Capsular Polysaccharide Vaccine Efficacy. Clinical Infectious Diseases, 2012, 55, 1188-1197.	2.9	49
75	Immune-Activating Properties of Panton-Valentine Leukocidin Improve the Outcome in a Model of Methicillin-Resistant Staphylococcus aureus Pneumonia. Infection and Immunity, 2012, 80, 2894-2904.	1.0	50
76	Hepoxilin A3 Facilitates Neutrophilic Breach of Lipoxygenase-Expressing Airway Epithelial Barriers. Journal of Immunology, 2012, 189, 4960-4969.	0.4	45
77	Topical Neutralization of Interleukin-17 during Experimental Pseudomonas aeruginosa Corneal Infection Promotes Bacterial Clearance and Reduces Pathology. Infection and Immunity, 2012, 80, 3706-3712.	1.0	30
78	Poly- N -Acetyl-Î²-(1-6)-Glucosamine Is a Target for Protective Immunity against Acinetobacter baumannii Infections. Infection and Immunity, 2012, 80, 651-656.	1.0	87
79	Magic bullets for the 21st century: the reemergence of immunotherapy for multi- and pan-resistant microbes. Journal of Antimicrobial Chemotherapy, 2012, 67, 2785-2787.	1.3	32
80	Poly- N -Acetylglucosamine Expression by Wild-Type Yersinia pestis Is Maximal at Mammalian, Not Flea, Temperatures. MBio, 2012, 3, e00217-12.	1.8	18
81	The challenges and promises of new therapies for cystic fibrosis. Journal of Experimental Medicine, 2012, 209, 1235-1239.	4.2	49
82	Refers to: J.-P. Rasigade, N. Sicot, F. Laurent, G. Lina, F. Vandenesch, J. Etienne, A history of Pantonâ€“Valentine leukocidin (PVL)-associated infection protects against death in PVL-associated pneumonia, Vaccine 29 (25) (2011) 4185â€“4186. Vaccine, 2012, 30, 2045-2046.	1.7	0
83	Synthesis of pentasaccharides corresponding to the glycoform II of the outer core region of the Pseudomonas aeruginosa lipopolysaccharide. Carbohydrate Research, 2012, 360, 56-68.	1.1	13
84	Opsonic and Protective Properties of Antibodies Raised to Conjugate Vaccines Targeting Six Staphylococcus aureus Antigens. PLoS ONE, 2012, 7, e46648.	1.1	47
85	Identification of Ata, a Multifunctional Trimeric Autotransporter of Acinetobacter baumannii. Journal of Bacteriology, 2012, 194, 3950-3960.	1.0	94
86	Evaluation of the Trimeric Autotransporter Ata as a Vaccine Candidate against Acinetobacter baumannii Infections. Infection and Immunity, 2012, 80, 3381-3388.	1.0	107
87	Synthesis and Evaluation of a Conjugate Vaccine Composed of Staphylococcus aureus Poly-N-Acetyl-Glucosamine and Clumping Factor A. PLoS ONE, 2012, 7, e43813.	1.1	28
88	Staphylococcus epidermidis biofilms with higher proportions of dormant bacteria induce a lower activation of murine macrophages. Journal of Medical Microbiology, 2011, 60, 1717-1724.	0.7	55
89	RNA Isolation of Pseudomonas aeruginosa Colonizing the Murine Gastrointestinal Tract. Journal of Visualized Experiments, 2011, , .	0.2	7
90	Pulmonary Monocytes/Macrophages And CD4 T Cells Are Critical Effectors Of Vaccine-Induced Protection Against Pseudomonas Aeruginosa Pneumonia In Neutropenic Mice. , 2011, , .		0

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91	CD74 deficiency ameliorates Pseudomonas aeruginosa-induced ocular infection. Scientific Reports, 2011, 1, 58.	1.6	12
92	Cystic fibrosis: an-ion transport issue?. Nature Medicine, 2011, 17, 166-167.	15.2	2
93	NMR and conformational studies of linear and cyclic oligo-(1â†'6)-Î²-d-glucosamines. Carbohydrate Research, 2011, 346, 2499-2510.	1.1	20
94	Synthesis of five nona-Î²-(1â†'6)-d-glucosamines with various patterns of N-acetylation corresponding to the fragments of exopolysaccharide of Staphylococcus aureus. Carbohydrate Research, 2011, 346, 905-913.	1.1	12
95	Efficacy of a Conjugate Vaccine Containing Polymannuronic Acid and Flagellin against Experimental Pseudomonas aeruginosa Lung Infection in Mice. Infection and Immunity, 2011, 79, 3455-3464.	1.0	56
96	Mucosal Vaccination with a Multivalent, Live-Attenuated Vaccine Induces Multifactorial Immunity against Pseudomonas aeruginosa Acute Lung Infection. Infection and Immunity, 2011, 79, 1289-1299.	1.0	53
97	Utility of In Vivo Transcription Profiling for Identifying Pseudomonas aeruginosa Genes Needed for Gastrointestinal Colonization and Dissemination. PLoS ONE, 2010, 5, e15131.	1.1	19
98	Role of Neutrophils, MyD88-Mediated Neutrophil Recruitment, and Complement in Antibody-Mediated Defense againstPseudomonas aeruginosaKeratitis. , 2010, 51, 2085.		38
99	Evaluation of Flagella and Flagellin of Pseudomonas aeruginosa as Vaccines. Infection and Immunity, 2010, 78, 746-755.	1.0	126
100	Is exposure to mercury a driving force for the carriage of antibiotic resistance genes?. Journal of Medical Microbiology, 2010, 59, 804-807.	0.7	51
101	Analysis of Acquisition ofPseudomonas aeruginosaGastrointestinal Mucosal Colonization and Horizontal Transmission in a Murine Model. Journal of Infectious Diseases, 2010, 201, 71-80.	1.9	17
102	High Levels of Antibody to Pantonâ€Valentine Leukocidin Are Not Associated with Resistance toStaphylococcus aureusâ€"Associated Skin and Softâ€Tissue Infection. Clinical Infectious Diseases, 2010, 51, 1138-1146.	2.9	59
103	Antibody-mediated enhancement of community-acquired methicillin-resistant Staphylococcus aureus infection. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2241-2246.	3.3	65
104	Inhibition of Macrophage Migration Inhibitory Factor Ameliorates Ocular Pseudomonas aeruginosa-Induced Keratitis. PLoS Pathogens, 2010, 6, e1000826.	2.1	46
105	Alveolar inflammation in cystic fibrosis. Journal of Cystic Fibrosis, 2010, 9, 217-227.	0.3	103
106	Caveolin-1 Modifies the Immunity to Pseudomonas aeruginosa. Journal of Immunology, 2010, 184, 296-302.	0.4	47
107	Synthetic Î²-(1â†'6)-Linked N-Acetylated and Nonacetylated Oligoglucosamines Used To Produce Conjugate Vaccines for Bacterial Pathogens. Infection and Immunity, 2010, 78, 764-772.	1.0	104
108	Pseudomonas aeruginosa. , 2010, , 2835-2860.		20

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109	Animal and human antibodies to distinct Staphylococcus aureus antigens mutually neutralize opsonic killing and protection in mice. Journal of Clinical Investigation, 2010, 120, 3220-3233.	3.9	57
110	The pgaABCD Locus of Acinetobacter baumannii Encodes the Production of Poly-Î²-1-6-N -Acetylglucosamine, Which Is Critical for Biofilm Formation. Journal of Bacteriology, 2009, 191, 5953-5963.	1.0	318
111	Cystic fibrosis transmembrane conductance regulator and caveolin-1 regulate epithelial cell internalization ofPseudomonas aeruginosa. American Journal of Physiology - Cell Physiology, 2009, 297, C263-C277.	2.1	59
112	Inescapable Need for Neutrophils as Mediators of Cellular Innate Immunity to Acute Pseudomonas aeruginosa Pneumonia. Infection and Immunity, 2009, 77, 5300-5310.	1.0	148
113	IL1B polymorphisms modulate cystic fibrosis lung disease. Pediatric Pulmonology, 2009, 44, 580-593.	1.0	49
114	Inactivation of the rhlA gene in Pseudomonas aeruginosa prevents rhamnolipid production, disabling the protection against polymorphonuclear leukocytes. Apmis, 2009, 117, 537-546.	0.9	177
115	Predictors of mucoid Pseudomonas colonization in cystic fibrosis patients. Pediatric Pulmonology, 2008, 43, 463-471.	1.0	58
116	Dropping acid to help cystic fibrosis. Nature Medicine, 2008, 14, 367-369.	15.2	3
117	Airway epithelial control of Pseudomonas aeruginosa infection in cystic fibrosis. Trends in Molecular Medicine, 2008, 14, 120-133.	3.5	104
118	Vaccines and immunotherapy against Pseudomonas aeruginosa. Vaccine, 2008, 26, 1011-1024.	1.7	172
119	First Synthesis of Pentasaccharide Glycoform I of the Outer Core Region of the Pseudomonas aeruginosa Lipopolysaccharide. Journal of Organic Chemistry, 2008, 73, 8411-8421.	1.7	32
120	ClpXP proteases positively regulate alginate overexpression and mucoid conversion in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2008, 154, 2119-2130.	0.7	90
121	Prophylactic and Therapeutic Efficacy of a Fully Human Immunoglobulin G1 Monoclonal Antibody to Pseudomonas aeruginosa Alginate in Murine Keratitis Infection. Infection and Immunity, 2008, 76, 4720-4725.	1.0	18
122	IL-17 Is a Critical Component of Vaccine-Induced Protection against Lung Infection by Lipopolysaccharide-Heterologous Strains ofPseudomonas aeruginosa. Journal of Immunology, 2008, 181, 4965-4975.	0.4	122
123	Mucosal Damage and Neutropenia Are Required for Candida albicans Dissemination. PLoS Pathogens, 2008, 4, e35.	2.1	299
124	On the Greatly Exaggerated Reports of the Death of Infectious Diseases. Clinical Infectious Diseases, 2008, 47, 1113-1114.	2.9	16
125	Disruption of CFTR-Dependent Lipid Rafts Reduces Bacterial Levels and Corneal Disease in a Murine Model ofPseudomonas aeruginosaKeratitis. , 2008, 49, 1000.		40
126	Wall teichoic acids are dispensable for anchoring the PNAG exopolysaccharide to the Staphylococcus aureus cell surface. Microbiology (United Kingdom), 2008, 154, 865-877.	0.7	95

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127	Intranasal immunization with heterologously expressed polysaccharide protects against multiple Pseudomonas aeruginosa infections. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4624-4629.	3.3	63
128	Resistance to Pseudomonas aeruginosa Chronic Lung Infection Requires Cystic Fibrosis Transmembrane Conductance Regulator-Modulated Interleukin-1 (IL-1) Release and Signaling through the IL-1 Receptor. Infection and Immunity, 2007, 75, 1598-1608.	1.0	66
129	IsPseudomonas aeruginosaExotoxin A a Good Carrier Protein for Conjugate Vaccines?. Hum Vaccin, 2007, 3, 39-40.	2.4	4
130	Molecular Basis for Preferential Protective Efficacy of Antibodies Directed to the Poorly Acetylated Form of Staphylococcal Poly- N -Acetyl-Î²-(1-6)-Glucosamine. Infection and Immunity, 2007, 75, 3406-3413.	1.0	108
131	Pseudomonas aeruginosa lipopolysaccharide: A major virulence factor, initiator of inflammation and target for effective immunity. International Journal of Medical Microbiology, 2007, 297, 277-295.	1.5	219
132	Host Resistance to Lung Infection Mediated by Major Vault Protein in Epithelial Cells. Science, 2007, 317, 130-132.	6.0	116
133	Protection against Escherichia coli infection by antibody to the Staphylococcus aureus poly-N-acetylglucosamine surface polysaccharide. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7528-7533.	3.3	74
134	Effect of deletion of the lpxM gene on virulence and vaccine potential of Yersinia pestis in mice. Journal of Medical Microbiology, 2007, 56, 443-453.	0.7	34
135	Synthesis of Î²-(1â†'6)-linked glucosamine oligosaccharides corresponding to fragments of the bacterial surface polysaccharide poly-N-acetylglucosamine. Carbohydrate Research, 2007, 342, 567-575.	1.1	52
136	Inflammatory markers of lung disease in adult patients with cystic fibrosis. Pediatric Pulmonology, 2007, 42, 256-262.	1.0	61
137	Relationship of the Lipopolysaccharide Structure of Yersinia bpestis to Resistance to Antimicrobial Factors. Advances in Experimental Medicine and Biology, 2007, 603, 88-96.	0.8	31
138	Review: Conserved and variable structural features in the lipopolysaccharide of Pseudomonas aeruginosa. Journal of Endotoxin Research, 2006, 12, 324-336.	2.5	11
139	Structures of the core oligosaccharide and O-units in the R- and SR-type lipopolysaccharides of reference strains ofPseudomonas aeruginosaO-serogroups. FEMS Immunology and Medical Microbiology, 2006, 46, 85-99.	2.7	57
140	Synthesis of a common trisaccharide fragment of glycoforms of the outer core region of the Pseudomonas aeruginosa lipopolysaccharide. Tetrahedron Letters, 2006, 47, 3583-3587.	0.7	37
141	A Live-Attenuated Pseudomonas aeruginosa Vaccine Elicits Outer Membrane Protein-Specific Active and Passive Protection against Corneal Infection. Infection and Immunity, 2006, 74, 975-983.	1.0	38
142	Conserved and variable structural features in the lipopolysaccharide of <I>Pseudomonas aeruginosa</I>. Journal of Endotoxin Research, 2006, 12, 324-336.	2.5	97
143	Airway Epithelial (Nasal) Cell Monolayers Used To Study Pseudomonas aeruginosa Invasion Are Hyperpolarized and Not Representative of the Human Airway Epithelium. Infection and Immunity, 2006, 74, 7043-7044.	1.0	2
144	Comparative Antibody-Mediated Phagocytosis of Staphylococcus epidermidis Cells Grown in a Biofilm or in the Planktonic State. Infection and Immunity, 2006, 74, 4849-4855.	1.0	165

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145	Characterization of the Opsonic and Protective Activity against Staphylococcus aureus of Fully Human Monoclonal Antibodies Specific for the Bacterial Surface Polysaccharide Poly-N-Acetylglucosamine. Infection and Immunity, 2006, 74, 2742-2750.	1.0	128
146	Cold temperature-induced modifications to the composition and structure of the lipopolysaccharide of Yersinia pestis. Carbohydrate Research, 2005, 340, 1625-1630.	1.1	38
147	Use of Confocal Microscopy To Analyze the Rate of Vancomycin Penetration through Staphylococcus aureus Biofilms. Antimicrobial Agents and Chemotherapy, 2005, 49, 2467-2473.	1.4	261
148	Comparative assessment of antibiotic susceptibility of coagulase-negative staphylococci in biofilm versus planktonic culture as assessed by bacterial enumeration or rapid XTT colorimetry. Journal of Antimicrobial Chemotherapy, 2005, 56, 331-336.	1.3	211
149	NonmucoidPseudomonas aeruginosaExpresses Alginate in the Lungs of Patients with Cystic Fibrosis and in a Mouse Model. Journal of Infectious Diseases, 2005, 192, 410-419.	1.9	128
150	Effects of Growth in the Presence of Subinhibitory Concentrations of Dicloxacillin on Staphylococcus epidermidis and Staphylococcus haemolyticus Biofilms. Applied and Environmental Microbiology, 2005, 71, 8677-8682.	1.4	67
151	Intraspecies and Temperature-Dependent Variations in Susceptibility of Yersinia pestis to the Bactericidal Action of Serum and to Polymyxin B. Infection and Immunity, 2005, 73, 7324-7331.	1.0	63
152	Poly-N-Acetylglucosamine Production in Staphylococcus aureus Is Essential for Virulence in Murine Models of Systemic Infection. Infection and Immunity, 2005, 73, 6868-6876.	1.0	143
153	The Role of Epitope Specificity in the Human Opsonic Antibody Response to the Staphylococcal Surface Polysaccharide Poly Nâ€Acetyl Glucosamine. Journal of Infectious Diseases, 2005, 192, 2012-2019.	1.9	43
154	Comparative Opsonic and Protective Activities of Staphylococcus aureus Conjugate Vaccines Containing Native or Deacetylated Staphylococcal Poly-N-Acetyl-Î²-(1-6)-Glucosamine. Infection and Immunity, 2005, 73, 6752-6762.	1.0	172
155	Influence of Cystic Fibrosis Transmembrane Conductance Regulator on Gene Expression in Response to Pseudomonas aeruginosa Infection of Human Bronchial Epithelial Cells. Infection and Immunity, 2005, 73, 6822-6830.	1.0	34
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