Lauren Bakaletz

List of Publications by Citations

144 papers	5,694 citations	45 h-index	68 g-index
147 ext. papers	6,430 ext. citations	5.4 avg, IF	6.07 L-index

#	Paper	IF	Citations
144	Nontypeable Haemophilus influenzae as a pathogen in children. *Pediatric Infectious Disease Journal*, **2009**, 28, 43-8	3.4	195
143	Genomic sequence of an otitis media isolate of nontypeable Haemophilus influenzae: comparative study with H. influenzae serotype d, strain KW20. *Journal of Bacteriology*, **2005**, 187, 4627-36	3.5	177
142	Biofilms formed by nontypeable Haemophilus influenzae in vivo contain both double-stranded DNA and type IV pilin protein. *Journal of Bacteriology*, **2007**, 189, 3868-75	3.5	172
141	Biofilms can be dispersed by focusing the immune system on a common family of bacterial nucleoid-associated proteins. *Mucosal Immunology*, **2011**, 4, 625-37	9.2	154
140	Synergistic effect of adenovirus type 1 and nontypeable Haemophilus influenzae in a chinchilla model of experimental otitis media. *Infection and Immunity*, **1994**, 62, 1710-8	3.7	123
139	Role of sialic acid and complex carbohydrate biosynthesis in biofilm formation by nontypeable Haemophilus influenzae in the chinchilla middle ear. *Infection and Immunity*, **2005**, 73, 3210-8	3.7	121
138	Microbial interactions in the respiratory tract. *Pediatric Infectious Disease Journal*, **2009**, 28, S121-6	3.4	120
137	The PilA protein of non-typeable Haemophilus influenzae plays a role in biofilm formation, adherence to epithelial cells and colonization of the mammalian upper respiratory tract. *Molecular Microbiology*, **2007**, 65, 1288-99	4.1	118
136	Viral potentiation of bacterial superinfection of the respiratory tract. *Trends in Microbiology*, **1995**, 3, 110-4	12.4	117
135	Phosphorylcholine decreases early inflammation and promotes the establishment of stable biofilm communities of nontypeable Haemophilus influenzae strain 86-028NP in a chinchilla model of otitis media. *Infection and Immunity*, **2007**, 75, 958-65	3.7	112
134	What's on the Outside Matters: The Role of the Extracellular Polymeric Substance of Gram-negative Biofilms in Evading Host Immunity and as a Target for Therapeutic Intervention. *Journal of Biological Chemistry*, **2016**, 291, 12538-12546	5.4	101
133	Protection against development of otitis media induced by nontypeable Haemophilus influenzae by both active and passive immunization in a chinchilla model of virus-bacterium superinfection. *Infection and Immunity*, **1999**, 67, 2746-62	3.7	97
132	Frequency of fimbriation of nontypable Haemophilus influenzae and its ability to adhere to chinchilla and human respiratory epithelium. *Infection and Immunity*, **1988**, 56, 331-5	3.7	96
131	Demonstration of Type IV pilus expression and a twitching phenotype by Haemophilus influenzae. *Infection and Immunity*, **2005**, 73, 1635-43	3.7	93
130	Developing animal models for polymicrobial diseases. *Nature Reviews Microbiology*, **2004**, 2, 552-68	22.2	92
129	Prevention of early episodes of otitis media by pneumococcal vaccines might reduce progression to complex disease. *Lancet Infectious Diseases, The*, **2016**, 16, 480-92	25.5	91
128	Bacterial biofilms in otitis media: evidence and relevance. *Pediatric Infectious Disease Journal*, **2007**, 26, S17-9	3.4	82

127	A biphasic epigenetic switch controls immunoevasion, virulence and niche adaptation in non-typeable Haemophilus influenzae. *Nature Communications*, **2015**, 6, 7828	17.4	81
126	Bacterial biofilms in the upper airway - evidence for role in pathology and implications for treatment of otitis media. *Paediatric Respiratory Reviews*, **2012**, 13, 154-9	4.8	80
125	Nontypeable Haemophilus influenzae gene expression induced in vivo in a chinchilla model of otitis media. *Infection and Immunity*, **2003**, 71, 3454-62	3.7	80
124	A mutation in the sap operon attenuates survival of nontypeable Haemophilus influenzae in a chinchilla model of otitis media. *Infection and Immunity*, **2005**, 73, 599-608	3.7	76
123	Relative immunogenicity and efficacy of two synthetic chimeric peptides of fimbrin as vaccinogens against nasopharyngeal colonization by nontypeable Haemophilus influenzae in the chinchilla. *Vaccine*, **1997**, 15, 955-61	4.1	75
122	Nontypeable Haemophilus influenzae adheres to intercellular adhesion molecule 1 (ICAM-1) on respiratory epithelial cells and upregulates ICAM-1 expression. *Infection and Immunity*, **2006**, 74, 830-8	3.7	75
121	Immunopathogenesis of polymicrobial otitis media. *Journal of Leukocyte Biology*, **2010**, 87, 213-22	6.5	69
120	Contribution of Moraxella catarrhalis type IV pili to nasopharyngeal colonization and biofilm formation. *Infection and Immunity*, **2007**, 75, 5559-64	3.7	67
119	Fimbria-mediated enhanced attachment of nontypeable Haemophilus influenzae to respiratory syncytial virus-infected respiratory epithelial cells. *Infection and Immunity*, **1999**, 67, 187-92	3.7	67
118	DNABII proteins play a central role in UPEC biofilm structure. *Molecular Microbiology*, **2015**, 96, 1119-35	4.1	66
117	The non-typeable Haemophilus influenzae Sap transporter provides a mechanism of antimicrobial peptide resistance and SapD-dependent potassium acquisition. *Molecular Microbiology*, **2006**, 62, 1357-72	4.1	66
116	Structural stability of Burkholderia cenocepacia biofilms is reliant on eDNA structure and presence of a bacterial nucleic acid binding protein. *PLoS ONE*, **2013**, 8, e67629	3.7	63
115	Chinchilla as a robust, reproducible and polymicrobial model of otitis media and its prevention. *Expert Review of Vaccines*, **2009**, 8, 1063-82	5.2	62
114	Extracellular DNA within a nontypeable Haemophilus influenzae-induced biofilm binds human beta defensin-3 and reduces its antimicrobial activity. *Journal of Innate Immunity*, **2013**, 5, 24-38	6.9	61
113	Respiratory syncytial virus-induced dysregulation of expression of a mucosal beta-defensin augments colonization of the upper airway by non-typeable Haemophilus influenzae. *Cellular Microbiology*, **2009**, 11, 1399-408	3.9	61
112	ModM DNA methyltransferase methylome analysis reveals a potential role for Moraxella catarrhalis phasevarions in otitis media. *FASEB Journal*, **2014**, 28, 5197-207	0.9	60
111	Viral-bacterial co-infections in the respiratory tract. *Current Opinion in Microbiology*, **2017**, 35, 30-35	7.9	59
110	Passive transfer of antiserum specific for immunogens derived from a nontypeable Haemophilus influenzae adhesin and lipoprotein D prevents otitis media after heterologous challenge. *Infection and Immunity*, **2000**, 68, 2756-65	3.7	57

109	Modeling adenovirus type 1-induced otitis media in the chinchilla: effect on ciliary activity and fluid transport function of eustachian tube mucosal epithelium. *Journal of Infectious Diseases*, **1993**, 168, 865-72	7	57
108	Evaluation of the kinetics and mechanism of action of anti-integration host factor-mediated disruption of bacterial biofilms. *Molecular Microbiology*, **2014**, 93, 1246-58	4.1	53
107	Antibodies against the majority subunit of type IV Pili disperse nontypeable Haemophilus influenzae biofilms in a LuxS-dependent manner and confer therapeutic resolution of experimental otitis media. *Molecular Microbiology*, **2015**, 96, 276-92	4.1	50
106	Monoclonal antibodies against DNA-binding tips of DNABII proteins disrupt biofilms in vitro and induce bacterial clearance in vivo. *EBioMedicine*, **2016**, 10, 33-44	8.8	50
105	Transcutaneous immunization as preventative and therapeutic regimens to protect against experimental otitis media due to nontypeable Haemophilus influenzae. *Mucosal Immunology*, **2011**, 4, 456-67	9.2	48
104	A carcinoembryonic antigen-related cell adhesion molecule 1 homologue plays a pivotal role in nontypeable Haemophilus influenzae colonization of the chinchilla nasopharynx via the outer membrane protein P5-homologous adhesin. *Infection and Immunity*, **2008**, 76, 48-55	3.7	48
103	Efficacy of the 26-kilodalton outer membrane protein and two P5 fimbrin-derived immunogens to induce clearance of nontypeable Haemophilus influenzae from the rat middle ear and lungs as well as from the chinchilla middle ear and nasopharynx. *Infection and Immunity*, **2003**, 71, 4691-9	3.7	48
102	The multifunctional host defense peptide SPLUNC1 is critical for homeostasis of the mammalian upper airway. *PLoS ONE*, **2010**, 5, e13224	3.7	46
101	Biological roles of nontypeable Haemophilus influenzae type IV pilus proteins encoded by the pil and com operons. *Journal of Bacteriology*, **2012**, 194, 1927-33	3.5	45
100	The OxyR regulon in nontypeable Haemophilus influenzae. *Journal of Bacteriology*, **2007**, 189, 1004-12	3.5	45
99	Epitope mapping of the outer membrane protein P5-homologous fimbrin adhesin of nontypeable Haemophilus influenzae. *Infection and Immunity*, **2000**, 68, 2119-28	3.7	45
98	Phasevarions of Bacterial Pathogens: Methylomics Sheds New Light on Old Enemies. *Trends in Microbiology*, **2018**, 26, 715-726	12.4	44
97	Epitope mapping immunodominant regions of the PilA protein of nontypeable Haemophilus influenzae (NTHI) to facilitate the design of two novel chimeric vaccine candidates. *Vaccine*, **2009**, 28, 279-89	4.1	44
96	Selective adherence of non-typeable Haemophilus influenzae (NTHi) to mucus or epithelial cells in the chinchilla eustachian tube and middle ear. *Microbial Pathogenesis*, **1996**, 21, 343-56	3.8	44
95	A member of the cathelicidin family of antimicrobial peptides is produced in the upper airway of the chinchilla and its mRNA expression is altered by common viral and bacterial co-pathogens of otitis media. *Molecular Immunology*, **2007**, 44, 2446-58	4.3	42
94	Passive immunization with human anti-protein D antibodies induced by polysaccharide protein D conjugates protects chinchillas against otitis media after intranasal challenge with Haemophilus influenzae. *Vaccine*, **2006**, 24, 4804-11	4.1	42
93	Targeting bacterial integration host factor to disrupt biofilms associated with cystic fibrosis. *Journal of Cystic Fibrosis*, **2013**, 12, 384-9	4.1	41
92	Nontypeable releases DNA and DNABII proteins via a T4SS-like complex and ComE of the type IV pilus machinery. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E6632-E6641	11.5	41

91	In vitro biofilm formation in an 8-well chamber slide. *Journal of Visualized Experiments*, **2011**,	1.6	41
90	Kinetic analysis and evaluation of the mechanisms involved in the resolution of experimental nontypeable Haemophilus influenzae-induced otitis media after transcutaneous immunization. *Vaccine*, **2013**, 31, 3417-26	4.1	40
89	Chinchilla and murine models of upper respiratory tract infections with respiratory syncytial virus. *Journal of Virology*, **2005**, 79, 6035-42	6.6	39
88	The effect of antecedent influenza A virus infection on the adherence of Hemophilus influenzae to chinchilla tracheal epithelium. *American Journal of Otolaryngology - Head and Neck Medicine and Surgery*, **1988**, 9, 127-34	2.8	37
87	Effect of influenza A virus on ciliary activity and dye transport function in the chinchilla eustachian tube. *Annals of Otology, Rhinology and Laryngology*, **1993**, 102, 551-8	2.1	36
86	Adenovirus serotype 1 does not act synergistically with Moraxella (Branhamella) catarrhalis to induce otitis media in the chinchilla. *Infection and Immunity*, **1995**, 63, 4188-90	3.7	36
85	Identification of biofilms in post-tympanostomy tube otorrhea. *Laryngoscope*, **2016**, 126, 1946-51	3.6	36
84	The extracellular DNA lattice of bacterial biofilms is structurally related to Holliday junction recombination intermediates. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 25068-25077	11.5	36
83	Replication of respiratory syncytial virus is inhibited by the host defense molecule viperin. *Journal of Innate Immunity*, **2013**, 5, 60-71	6.9	33
82	Impact of protein D-containing pneumococcal conjugate vaccines on non-typeable Haemophilus influenzae acute otitis media and carriage. *Expert Review of Vaccines*, **2017**, 16, 1-14	5.2	32
81	Respiratory syncytial virus promotes Moraxella catarrhalis-induced ascending experimental otitis media. *PLoS ONE*, **2012**, 7, e40088	3.7	32
80	The fourth surface-exposed region of the outer membrane protein P5-homologous adhesin of nontypable Haemophilus influenzae is an immunodominant but nonprotective decoying epitope. *Journal of Immunology*, **2003**, 171, 1978-83	5.3	32
79	A bacterial-biofilm-induced oral osteolytic infection can be successfully treated by immuno-targeting an extracellular nucleoid-associated protein. *Molecular Oral Microbiology*, **2017**, 32, 74-88	4.6	31
78	Kinetics of the ascension of NTHi from the nasopharynx to the middle ear coincident with adenovirus-induced compromise in the chinchilla. *Microbial Pathogenesis*, **1997**, 23, 119-26	3.8	31
77	Selection and Counterselection of Hia Expression Reveals a Key Role for Phase-Variable Expression of Hia in Infection Caused by Nontypeable Haemophilus influenzae. *Journal of Infectious Diseases*, **2015**, 212, 645-53	7	30
76	Antibodies directed against integration host factor mediate biofilm clearance from Nasopore. *Laryngoscope*, **2013**, 123, 2626-32	3.6	30
75	Intercellular adhesion molecule 1 serves as a primary cognate receptor for the Type IV pilus of nontypeable Haemophilus influenzae. *Cellular Microbiology*, **2016**, 18, 1043-55	3.9	30
74	Natural antigenic differences in the functionally equivalent extracellular DNABII proteins of bacterial biofilms provide a means for targeted biofilm therapeutics. *Molecular Oral Microbiology*, **2017**, 32, 118-130	4.6	29

73	ModA2 Phasevarion Switching in Nontypeable Haemophilus influenzae Increases the Severity of Experimental Otitis Media. *Journal of Infectious Diseases*, **2016**, 214, 817-24	7	29
72	Biofilm-derived Legionella pneumophila evades the innate immune response in macrophages. *Frontiers in Cellular and Infection Microbiology*, **2013**, 3, 18	5.9	28
71	Haemophilus influenzae and oxidative stress. *Frontiers in Cellular and Infection Microbiology*, **2012**, 2, 40	5.9	27
70	Panel 4: Recent advances in otitis media in molecular biology, biochemistry, genetics, and animal models. *Otolaryngology - Head and Neck Surgery*, **2013**, 148, E52-63	5.5	27
69	Abrogation of nontypeable Haemophilus influenzae protein D function reduces phosphorylcholine decoration, adherence to airway epithelial cells, and fitness in a chinchilla model of otitis media. *Vaccine*, **2011**, 29, 1211-21	4.1	27
68	Vaccines for otitis media: proposals for overcoming obstacles to progress. *Vaccine*, **2005**, 23, 2696-702	4.1	27
67	Anatomy of the nasal cavity in the chinchilla. *Cells Tissues Organs*, **2003**, 174, 136-52	2.1	27
66	The DNABII family of proteins is comprised of the only nucleoid associated proteins required for nontypeable Haemophilus influenzae biofilm structure. *MicrobiologyOpen*, **2018**, 7, e00563	3.4	26
65	Enhanced Probiotic Potential of When Delivered as a Biofilm on Dextranomer Microspheres That Contain Beneficial Cargo. *Frontiers in Microbiology*, **2017**, 8, 489	5.7	25
64	Antibodies against the Majority Subunit (PilA) of the Type IV Pilus of Nontypeable Haemophilus influenzae Disperse Moraxella catarrhalis from a Dual-Species Biofilm. *MBio*, **2018**, 9,	7.8	24
63	Type IV Pilus Expression Is Upregulated in Nontypeable Haemophilus influenzae Biofilms Formed at the Temperature of the Human Nasopharynx. *Journal of Bacteriology*, **2016**, 198, 2619-30	3.5	23
62	Extracellular DNA and Type IV Pilus Expression Regulate the Structure and Kinetics of Biofilm Formation by Nontypeable. *MBio*, **2017**, 8,	7.8	22
61	Selection for phase variation of LOS biosynthetic genes frequently occurs in progression of non-typeable Haemophilus influenzae infection from the nasopharynx to the middle ear of human patients. *PLoS ONE*, **2014**, 9, e90505	3.7	22
60	Adherence of non-typeable Haemophilus influenzae promotes reorganization of the actin cytoskeleton in human or chinchilla epithelial cells in vitro. *Microbial Pathogenesis*, **1997**, 23, 157-66	3.8	22
59	Development of a chinchilla model to allow direct, continuous, biophotonic imaging of bioluminescent nontypeable Haemophilus influenzae during experimental otitis media. *Infection and Immunity*, **2005**, 73, 609-11	3.7	22
58	6. Vaccine. *Annals of Otology, Rhinology and Laryngology*, **2005**, 114, 86-103	2.1	22
57	Transcutaneous Immunization with a Band-Aid Prevents Experimental Otitis Media in a Polymicrobial Model. *Vaccine Journal*, **2017**, 24,		21
56	The ModA2 Phasevarion of nontypeable Haemophilus influenzae Regulates Resistance to Oxidative Stress and Killing by Human Neutrophils. *Scientific Reports*, **2017**, 7, 3161	4.9	21

55	Identification and characterization of a mucosal antimicrobial peptide expressed by the chinchilla (Chinchilla lanigera) airway. *Journal of Biological Chemistry*, **2004**, 279, 20250-6	5.4	21
54	Epigenetic Regulation Alters Biofilm Architecture and Composition in Multiple Clinical Isolates of Nontypeable Haemophilus influenzae. *MBio*, **2018**, 9,	7.8	21
53	Dysregulated Calcium Homeostasis in Cystic Fibrosis Neutrophils Leads to Deficient Antimicrobial Responses. *Journal of Immunology*, **2018**, 201, 2016-2027	5.3	20
52	Localization of high-molecular-weight adhesion proteins of nontypeable Haemophilus influenzae by immunoelectron microscopy. *Infection and Immunity*, **1994**, 62, 4460-8	3.7	20
51	Innate immunity and the role of defensins in otitis media. *Current Allergy and Asthma Reports*, **2011**, 11, 499-507	5.6	19
50	Evidence for transudation of specific antibody into the middle ears of parenterally immunized chinchillas after an upper respiratory tract infection with adenovirus. *Vaccine Journal*, **1997**, 4, 223-5		19
49	Nontypeable Haemophilus influenzae (NTHi). *Trends in Microbiology*, **2018**, 26, 727-728	12.4	19
48	Detection and characterization of pediatric serum antibody to the OMP P5-homologous adhesin of nontypeable Haemophilus influenzae during acute otitis media. *Vaccine*, **2002**, 20, 3590-7	4.1	18
47	Redirecting the immune response towards immunoprotective domains of a DNABII protein resolves experimental otitis media. *Npj Vaccines*, **2019**, 4, 43	9.5	17
46	Role of the nuclease of nontypeable Haemophilus influenzae in dispersal of organisms from biofilms. *Infection and Immunity*, **2015**, 83, 950-7	3.7	16
45	Therapeutic Transcutaneous Immunization with a Band-Aid Vaccine Resolves Experimental Otitis Media. *Vaccine Journal*, **2015**, 22, 867-74		16
44	Copy number variation of the beta defensin gene cluster on chromosome 8p influences the bacterial microbiota within the nasopharynx of otitis-prone children. *PLoS ONE*, **2014**, 9, e98269	3.7	16
43	Panel 6: Vaccines. *Otolaryngology - Head and Neck Surgery*, **2017**, 156, S76-S87	5.5	15
42	Immunological responsiveness of chinchillas to outer membrane and isolated fimbrial proteins of nontypeable Haemophilus influenzae. *Infection and Immunity*, **1989**, 57, 3226-9	3.7	15
41	Peptide and recombinant antigens for protection against bacterial middle ear infection. *Vaccine*, **2001**, 19, 2323-8	4.1	14
40	Targeting a bacterial DNABII protein with a chimeric peptide immunogen or humanised monoclonal antibody to prevent or treat recalcitrant biofilm-mediated infections. *EBioMedicine*, **2020**, 59, 102867	8.8	14
39	The HMW2 adhesin of non-typeable Haemophilus influenzae is a human-adapted lectin that mediates high-affinity binding to 2-6 linked N-acetylneuraminic acid glycans. *Biochemical and Biophysical Research Communications*, **2018**, 503, 1103-1107	3.4	14
38	Skin Microbiota in Obese Women at Risk for Surgical Site Infection After Cesarean Delivery. *Scientific Reports*, **2018**, 8, 8756	4.9	13

37	A Protein E-PilA Fusion Protein Shows Vaccine Potential against Nontypeable Haemophilus influenzae in Mice and Chinchillas. *Infection and Immunity*, **2019**, 87,	3.7	12
36	Targeting the HUProtein Prevents Porphyromonas gingivalis from Entering into Preexisting Biofilms. *Journal of Bacteriology*, **2018**, 200,	3.5	12
35	Differential uptake and processing of a Haemophilus influenzae P5-derived immunogen by chinchilla dendritic cells. *Infection and Immunity*, **2008**, 76, 967-77	3.7	12
34	Blinded multiplex PCR analyses of middle ear and nasopharyngeal fluids from chinchilla models of single- and mixed-pathogen-induced otitis media. *Vaccine Journal*, **1998**, 5, 219-24		12
33	3. Animal Models; Anatomy and Pathology; Pathogenesis; Cell Biology and Genetics. *Annals of Otology, Rhinology and Laryngology*, **2005**, 114, 31-41	2.1	12
32	Biofilm biology and vaccine strategies for otitis media due to nontypeable. *Journal of Pediatric Infectious Diseases*, **2019**, 14, 69-77	0.4	10
31	Nontypeable newly released (NRel) from biofilms by antibody-mediated dispersal antibody-mediated disruption are phenotypically distinct. *Biofilm*, **2020**, 2, 100039	5.9	9
30	The Moraxella catarrhalis phase-variable DNA methyltransferase ModM3 is an epigenetic regulator that affects bacterial survival in an in vivo model of otitis media. *BMC Microbiology*, **2019**, 19, 276	4.5	9
29	Moraxella catarrhalis Restriction-Modification Systems Are Associated with Phylogenetic Lineage and Disease. *Genome Biology and Evolution*, **2018**, 10, 2932-2946	3.9	9
28	The Nontypeable Haemophilus influenzae Major Adhesin Hia Is a Dual-Function Lectin That Binds to Human-Specific Respiratory Tract Sialic Acid Glycan Receptors. *MBio*, **2020**, 11,	7.8	8
27	Food commensal microbes as a potentially important avenue in transmitting antibiotic resistance genes. *FEMS Microbiology Letters*, **2006**, 255, 328-328	2.9	8
26	Z-form extracellular DNA is a structural component of the bacterial biofilm matrix. *Cell*, **2021**, 184, 5740-5758.e17	36.2	8
25	Modeling of Biofilm Formation by Nontypeable Haemophilus influenzae. *MSphere*, **2019**, 4,	5	7
24	Effect of formalin-fixed Hemophilus influenzae and Streptococcus pneumoniae on dye transport by the chinchilla eustachian tube. *Acta Oto-Laryngologica*, **1989**, 107, 235-43	1.6	7
23	Antibodies against the DNABII protein integration host factor (IHF) inhibit sinus implant biofilms. *Laryngoscope*, **2020**, 130, 1364-1371	3.6	7
22	Closed Complete Genome Sequences of Two Nontypeable Haemophilus influenzae Strains Containing Novel Alleles from the Sputum of Patients with Chronic Obstructive Pulmonary Disease. *Microbiology Resource Announcements*, **2018**, 7,	1.3	7
21	Improving patient care via development of a protein-based diagnostic test for microbe-specific detection of chronic rhinosinusitis. *Laryngoscope*, **2014**, 124, 608-15	3.6	6
20	Complete Genome Sequence of Strain CCRI-195ME, Isolated from the Middle Ear. *Genome Announcements*, **2017**, 5,		6

19	Expression of the Nontypeable Haemophilus influenzae Type IV Pilus Is Stimulated by Coculture with Host Respiratory Tract Epithelial Cells. *Infection and Immunity*, **2019**, 87,	3.7	6
18	Identification of essential biofilm proteins in middle ear fluids of otitis media with effusion patients. *Laryngoscope*, **2020**, 130, 806-811	3.6	6
17	Humanized Anti-DNABII Fab Fragments Plus Ofloxacin Eradicated Biofilms in Experimental Otitis Media. *Laryngoscope*, **2021**, 131, E2698-E2704	3.6	4
16	Immunization with a Biofilm-Disrupting Nontypeable Vaccine Antigen Did Not Alter the Gut Microbiome in Chinchillas, Unlike Oral Delivery of a Broad-Spectrum Antibiotic Commonly Used for Otitis Media. *MSphere*, **2020**, 5,	5	4
15	High-Depth RNA-Seq Data Sets for Studying Gene Expression Changes Mediated by Phase-Variable DNA Methyltransferases in Nontypeable Haemophilus influenzae. *Microbiology Resource Announcements*, **2019**, 8,	1.3	3
14	Nontypeable Haemophilus influenzae Responds to Virus-Infected Cells with a Significant Increase in Type IV Pilus Expression. *MSphere*, **2020**, 5,	5	3
13	Enhanced biofilm and extracellular matrix production by chronic carriage versus acute isolates of Salmonella Typhi. *PLoS Pathogens*, **2021**, 17, e1009209	7.6	3
12	Bacterial Biofilms Utilize an Underlying Extracellular DNA Matrix Structure That Can Be Targeted for Biofilm Resolution.. *Microorganisms*, **2022**, 10,	4.9	3
11	The non-typeable Haemophilus influenzae major adhesin Hia is a dual function lectin that binds to human-specific respiratory tract sialic acid glycan receptors		2
10	Phase Variation in HMW1A Controls a Phenotypic Switch in Haemophilus influenzae Associated with Pathoadaptation during Persistent Infection. *MBio*, **2021**, 12, e0078921	7.8	2
9	The extracellular innate-immune effector HMGB1 limits pathogenic bacterial biofilm proliferation. *Journal of Clinical Investigation*, **2021**, 131,	15.9	2
8	Differences in Pneumococcal and Natural Antibody Development in Papua New Guinean Children in the First Year of Life. *Frontiers in Immunology*, **2021**, 12, 725244	8.4	2
7	Nontypeable Haemophilus influenzae Type IV Pilus Mediates Augmented Adherence to Rhinovirus-Infected Human Airway Epithelial Cells. *Infection and Immunity*, **2020**, 88,	3.7	1
6	COPD-Related Modification to the Airway Epithelium Permits Intracellular Residence of Nontypeable and May Be Potentiated by Macrolide Arrest of Autophagy. *International Journal of COPD*, **2020**, 15, 1253-1260	3	1
5	Transcutaneous immunization with a nontypeable Haemophilus influenzae dual adhesin-directed immunogen induces durable and boostable immunity. *Vaccine*, **2020**, 38, 2378-2386	4.1	1
4	A Humanized Monoclonal Antibody Potentiates Killing by Antibiotics of Diverse Biofilm-Forming Respiratory Tract Pathogens.. *Antimicrobial Agents and Chemotherapy*, **2022**, AAC0187721	5.9	1
3	Innate immune defenses: finding a new way to calm the storm. *Immunology and Cell Biology*, **2008**, 86, 639-40	5	
2	Treatment: Impact of Vaccination and Progress in Vaccine Development **2015**, 87-96		

1	Australian Aboriginal Otitis-Prone Children Produce High-Quality Serum IgG to Putative Nontypeable Vaccine Antigens at Lower Titres Compared to Non-Aboriginal Children.. *Frontiers in Cellular and Infection Microbiology*, **2022**, 12, 767083	5.9