

Lauren Bakaletz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A Humanized Monoclonal Antibody Potentiates Killing by Antibiotics of Diverse Biofilm-Forming Respiratory Tract Pathogens.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , AAC0187721	5.9	1
143	Bacterial Biofilms Utilize an Underlying Extracellular DNA Matrix Structure That Can Be Targeted for Biofilm Resolution.. <i>Microorganisms</i> , 2022 , 10,	4.9	3
142	Australian Aboriginal Otitis-Prone Children Produce High-Quality Serum IgG to Putative Nontypeable Vaccine Antigens at Lower Titres Compared to Non-Aboriginal Children.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 767083	5.9	
141	Z-form extracellular DNA is a structural component of the bacterial biofilm matrix. <i>Cell</i> , 2021 , 184, 5740-5758.e17	57.58	17
140	Humanized Anti-DNABII Fab Fragments Plus Ofloxacin Eradicated Biofilms in Experimental Otitis Media. <i>Laryngoscope</i> , 2021 , 131, E2698-E2704	3.6	4
139	Phase Variation in HMW1A Controls a Phenotypic Switch in Haemophilus influenzae Associated with Pathoadaptation during Persistent Infection. <i>MBio</i> , 2021 , 12, e0078921	7.8	2
138	The extracellular innate-immune effector HMGB1 limits pathogenic bacterial biofilm proliferation. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	2
137	Differences in Pneumococcal and Natural Antibody Development in Papua New Guinean Children in the First Year of Life. <i>Frontiers in Immunology</i> , 2021 , 12, 725244	8.4	2
136	Enhanced biofilm and extracellular matrix production by chronic carriage versus acute isolates of Salmonella Typhi. <i>PLoS Pathogens</i> , 2021 , 17, e1009209	7.6	3
135	The Nontypeable Haemophilus influenzae Major Adhesin Hia Is a Dual-Function Lectin That Binds to Human-Specific Respiratory Tract Sialic Acid Glycan Receptors. <i>MBio</i> , 2020 , 11,	7.8	8
134	Nontypeable Haemophilus influenzae Responds to Virus-Infected Cells with a Significant Increase in Type IV Pilus Expression. <i>MSphere</i> , 2020 , 5,	5	3
133	Nontypeable Haemophilus influenzae Type IV Pilus Mediates Augmented Adherence to Rhinovirus-Infected Human Airway Epithelial Cells. <i>Infection and Immunity</i> , 2020 , 88,	3.7	1
132	COPD-Related Modification to the Airway Epithelium Permits Intracellular Residence of Nontypeable and May Be Potentiated by Macrolide Arrest of Autophagy. <i>International Journal of COPD</i> , 2020 , 15, 1253-1260	3	1
131	Transcutaneous immunization with a nontypeable Haemophilus influenzae dual adhesin-directed immunogen induces durable and boostable immunity. <i>Vaccine</i> , 2020 , 38, 2378-2386	4.1	1
130	Targeting a bacterial DNABII protein with a chimeric peptide immunogen or humanised monoclonal antibody to prevent or treat recalcitrant biofilm-mediated infections. <i>EBioMedicine</i> , 2020 , 59, 102867	8.8	14
129	Nontypeable newly released (NRel) from biofilms by antibody-mediated dispersal antibody-mediated disruption are phenotypically distinct. <i>Biofilm</i> , 2020 , 2, 100039	5.9	9
128	Identification of essential biofilm proteins in middle ear fluids of otitis media with effusion patients. <i>Laryngoscope</i> , 2020 , 130, 806-811	3.6	6

127	Antibodies against the DNABII protein integration host factor (IHF) inhibit sinus implant biofilms. <i>Laryngoscope</i> , 2020 , 130, 1364-1371	3.6	7
126	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. <i>MSphere</i> , 2020 , 5,	5	4
125	A Protein E-PilA Fusion Protein Shows Vaccine Potential against Nontypeable Haemophilus influenzae in Mice and Chinchillas. <i>Infection and Immunity</i> , 2019 , 87,	3.7	12
124	Biofilm biology and vaccine strategies for otitis media due to nontypeable. <i>Journal of Pediatric Infectious Diseases</i> , 2019 , 14, 69-77	0.4	10
123	High-Depth RNA-Seq Data Sets for Studying Gene Expression Changes Mediated by Phase-Variable DNA Methyltransferases in Nontypeable Haemophilus influenzae. <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	3
122	Modeling of Biofilm Formation by Nontypeable Haemophilus influenzae. <i>MSphere</i> , 2019 , 4,	5	7
121	Redirecting the immune response towards immunoprotective domains of a DNABII protein resolves experimental otitis media. <i>Npj Vaccines</i> , 2019 , 4, 43	9.5	17
120	Expression of the Nontypeable Haemophilus influenzae Type IV Pilus Is Stimulated by Coculture with Host Respiratory Tract Epithelial Cells. <i>Infection and Immunity</i> , 2019 , 87,	3.7	6
119	The extracellular DNA lattice of bacterial biofilms is structurally related to Holliday junction recombination intermediates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 25068-25077	11.5	36
118	The Moraxella catarrhalis phase-variable DNA methyltransferase ModM3 is an epigenetic regulator that affects bacterial survival in an in vivo model of otitis media. <i>BMC Microbiology</i> , 2019 , 19, 276	4.5	9
117	Phasevarions of Bacterial Pathogens: Methylomics Sheds New Light on Old Enemies. <i>Trends in Microbiology</i> , 2018 , 26, 715-726	12.4	44
116	Targeting the HU Protein Prevents Porphyromonas gingivalis from Entering into Preexisting Biofilms. <i>Journal of Bacteriology</i> , 2018 , 200,	3.5	12
115	Dysregulated Calcium Homeostasis in Cystic Fibrosis Neutrophils Leads to Deficient Antimicrobial Responses. <i>Journal of Immunology</i> , 2018 , 201, 2016-2027	5.3	20
114	Skin Microbiota in Obese Women at Risk for Surgical Site Infection After Cesarean Delivery. <i>Scientific Reports</i> , 2018 , 8, 8756	4.9	13
113	The DNABII family of proteins is comprised of the only nucleoid associated proteins required for nontypeable Haemophilus influenzae biofilm structure. <i>MicrobiologyOpen</i> , 2018 , 7, e00563	3.4	26
112	Antibodies against the Majority Subunit (PilA) of the Type IV Pilus of Nontypeable Haemophilus influenzae Disperse Moraxella catarrhalis from a Dual-Species Biofilm. <i>MBio</i> , 2018 , 9,	7.8	24
111	Moraxella catarrhalis Restriction-Modification Systems Are Associated with Phylogenetic Lineage and Disease. <i>Genome Biology and Evolution</i> , 2018 , 10, 2932-2946	3.9	9
110	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. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 1103-1107	3.4	14

109	Epigenetic Regulation Alters Biofilm Architecture and Composition in Multiple Clinical Isolates of Nontypeable Haemophilus influenzae. <i>MBio</i> , 2018 , 9,	7.8	21
108	Closed Complete Genome Sequences of Two Nontypeable Haemophilus influenzae Strains Containing Novel Alleles from the Sputum of Patients with Chronic Obstructive Pulmonary Disease. <i>Microbiology Resource Announcements</i> , 2018 , 7,	1.3	7
107	Nontypeable Haemophilus influenzae (NTHi). <i>Trends in Microbiology</i> , 2018 , 26, 727-728	12.4	19
106	A bacterial-biofilm-induced oral osteolytic infection can be successfully treated by immuno-targeting an extracellular nucleoid-associated protein. <i>Molecular Oral Microbiology</i> , 2017 , 32, 74-88	4.6	31
105	Natural antigenic differences in the functionally equivalent extracellular DNABII proteins of bacterial biofilms provide a means for targeted biofilm therapeutics. <i>Molecular Oral Microbiology</i> , 2017 , 32, 118-130	4.6	29
104	Panel 6: Vaccines. <i>Otolaryngology - Head and Neck Surgery</i> , 2017 , 156, S76-S87	5.5	15
103	Transcutaneous Immunization with a Band-Aid Prevents Experimental Otitis Media in a Polymicrobial Model. <i>Vaccine Journal</i> , 2017 , 24,		21
102	Viral-bacterial co-infections in the respiratory tract. <i>Current Opinion in Microbiology</i> , 2017 , 35, 30-35	7.9	59
101	Extracellular DNA and Type IV Pilus Expression Regulate the Structure and Kinetics of Biofilm Formation by Nontypeable. <i>MBio</i> , 2017 , 8,	7.8	22
100	Impact of protein D-containing pneumococcal conjugate vaccines on non-typeable Haemophilus influenzae acute otitis media and carriage. <i>Expert Review of Vaccines</i> , 2017 , 16, 1-14	5.2	32
99	Complete Genome Sequence of Strain CCRI-195ME, Isolated from the Middle Ear. <i>Genome Announcements</i> , 2017 , 5,		6
98	The ModA2 Phasevarion of nontypeable Haemophilus influenzae Regulates Resistance to Oxidative Stress and Killing by Human Neutrophils. <i>Scientific Reports</i> , 2017 , 7, 3161	4.9	21
97	Nontypeable releases DNA and DNABII proteins via a T4SS-like complex and ComE of the type IV pilus machinery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E6632-E6641	11.5	41
96	Enhanced Probiotic Potential of When Delivered as a Biofilm on Dextranomer Microspheres That Contain Beneficial Cargo. <i>Frontiers in Microbiology</i> , 2017 , 8, 489	5.7	25
95	ModA2 Phasevarion Switching in Nontypeable Haemophilus influenzae Increases the Severity of Experimental Otitis Media. <i>Journal of Infectious Diseases</i> , 2016 , 214, 817-24	7	29
94	Monoclonal antibodies against DNA-binding tips of DNABII proteins disrupt biofilms in vitro and induce bacterial clearance in vivo. <i>EBioMedicine</i> , 2016 , 10, 33-44	8.8	50
93	Prevention of early episodes of otitis media by pneumococcal vaccines might reduce progression to complex disease. <i>Lancet Infectious Diseases</i> , 2016 , 16, 480-92	25.5	91
92	Identification of biofilms in post-tympanostomy tube otorrhea. <i>Laryngoscope</i> , 2016 , 126, 1946-51	3.6	36

91	Intercellular adhesion molecule 1 serves as a primary cognate receptor for the Type IV pilus of nontypeable Haemophilus influenzae. <i>Cellular Microbiology</i> , 2016 , 18, 1043-55	3.9	30
90	Type IV Pilus Expression Is Upregulated in Nontypeable Haemophilus influenzae Biofilms Formed at the Temperature of the Human Nasopharynx. <i>Journal of Bacteriology</i> , 2016 , 198, 2619-30	3.5	23
89	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. <i>Journal of Biological Chemistry</i> , 2016 , 291, 12538-12546	5.4	101
88	Role of the nuclease of nontypeable Haemophilus influenzae in dispersal of organisms from biofilms. <i>Infection and Immunity</i> , 2015 , 83, 950-7	3.7	16
87	DNABII proteins play a central role in UPEC biofilm structure. <i>Molecular Microbiology</i> , 2015 , 96, 1119-35	4.1	66
86	Selection and Counterselection of Hia Expression Reveals a Key Role for Phase-Variable Expression of Hia in Infection Caused by Nontypeable Haemophilus influenzae. <i>Journal of Infectious Diseases</i> , 2015 , 212, 645-53	7	30
85	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. <i>Molecular Microbiology</i> , 2015 , 96, 276-92	4.1	50
84	Therapeutic Transcutaneous Immunization with a Band-Aid Vaccine Resolves Experimental Otitis Media. <i>Vaccine Journal</i> , 2015 , 22, 867-74		16
83	A biphasic epigenetic switch controls immunoevasion, virulence and niche adaptation in non-typeable Haemophilus influenzae. <i>Nature Communications</i> , 2015 , 6, 7828	17.4	81
82	Treatment: Impact of Vaccination and Progress in Vaccine Development 2015 , 87-96		
81	Improving patient care via development of a protein-based diagnostic test for microbe-specific detection of chronic rhinosinusitis. <i>Laryngoscope</i> , 2014 , 124, 608-15	3.6	6
80	Evaluation of the kinetics and mechanism of action of anti-integration host factor-mediated disruption of bacterial biofilms. <i>Molecular Microbiology</i> , 2014 , 93, 1246-58	4.1	53
79	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. <i>PLoS ONE</i> , 2014 , 9, e90505	3.7	22
78	Copy number variation of the beta defensin gene cluster on chromosome 8p influences the bacterial microbiota within the nasopharynx of otitis-prone children. <i>PLoS ONE</i> , 2014 , 9, e98269	3.7	16
77	ModM DNA methyltransferase methylome analysis reveals a potential role for Moraxella catarrhalis phasevarions in otitis media. <i>FASEB Journal</i> , 2014 , 28, 5197-207	0.9	60
76	Kinetic analysis and evaluation of the mechanisms involved in the resolution of experimental nontypeable Haemophilus influenzae-induced otitis media after transcutaneous immunization. <i>Vaccine</i> , 2013 , 31, 3417-26	4.1	40
75	Targeting bacterial integration host factor to disrupt biofilms associated with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2013 , 12, 384-9	4.1	41
74	Extracellular DNA within a nontypeable Haemophilus influenzae-induced biofilm binds human beta defensin-3 and reduces its antimicrobial activity. <i>Journal of Innate Immunity</i> , 2013 , 5, 24-38	6.9	61

73	Biofilm-derived <i>Legionella pneumophila</i> evades the innate immune response in macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013 , 3, 18	5.9	28
72	Antibodies directed against integration host factor mediate biofilm clearance from Nasopore. <i>Laryngoscope</i> , 2013 , 123, 2626-32	3.6	30
71	Panel 4: Recent advances in otitis media in molecular biology, biochemistry, genetics, and animal models. <i>Otolaryngology - Head and Neck Surgery</i> , 2013 , 148, E52-63	5.5	27
70	Replication of respiratory syncytial virus is inhibited by the host defense molecule viperin. <i>Journal of Innate Immunity</i> , 2013 , 5, 60-71	6.9	33
69	Structural stability of <i>Burkholderia cenocepacia</i> biofilms is reliant on eDNA structure and presence of a bacterial nucleic acid binding protein. <i>PLoS ONE</i> , 2013 , 8, e67629	3.7	63
68	Bacterial biofilms in the upper airway - evidence for role in pathology and implications for treatment of otitis media. <i>Paediatric Respiratory Reviews</i> , 2012 , 13, 154-9	4.8	80
67	Respiratory syncytial virus promotes <i>Moraxella catarrhalis</i> -induced ascending experimental otitis media. <i>PLoS ONE</i> , 2012 , 7, e40088	3.7	32
66	<i>Haemophilus influenzae</i> and oxidative stress. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012 , 2, 40	5.9	27
65	Biological roles of nontypeable <i>Haemophilus influenzae</i> type IV pilus proteins encoded by the pil and com operons. <i>Journal of Bacteriology</i> , 2012 , 194, 1927-33	3.5	45
64	Biofilms can be dispersed by focusing the immune system on a common family of bacterial nucleoid-associated proteins. <i>Mucosal Immunology</i> , 2011 , 4, 625-37	9.2	154
63	Abrogation of nontypeable <i>Haemophilus influenzae</i> protein D function reduces phosphorylcholine decoration, adherence to airway epithelial cells, and fitness in a chinchilla model of otitis media. <i>Vaccine</i> , 2011 , 29, 1211-21	4.1	27
62	In vitro biofilm formation in an 8-well chamber slide. <i>Journal of Visualized Experiments</i> , 2011 ,	1.6	41
61	Innate immunity and the role of defensins in otitis media. <i>Current Allergy and Asthma Reports</i> , 2011 , 11, 499-507	5.6	19
60	Transcutaneous immunization as preventative and therapeutic regimens to protect against experimental otitis media due to nontypeable <i>Haemophilus influenzae</i> . <i>Mucosal Immunology</i> , 2011 , 4, 456-67	9.2	48
59	The multifunctional host defense peptide SPLUNC1 is critical for homeostasis of the mammalian upper airway. <i>PLoS ONE</i> , 2010 , 5, e13224	3.7	46
58	Immunopathogenesis of polymicrobial otitis media. <i>Journal of Leukocyte Biology</i> , 2010 , 87, 213-22	6.5	69
57	Chinchilla as a robust, reproducible and polymicrobial model of otitis media and its prevention. <i>Expert Review of Vaccines</i> , 2009 , 8, 1063-82	5.2	62
56	Respiratory syncytial virus-induced dysregulation of expression of a mucosal beta-defensin augments colonization of the upper airway by non-typeable <i>Haemophilus influenzae</i> . <i>Cellular Microbiology</i> , 2009 , 11, 1399-408	3.9	61

55	Epitope mapping immunodominant regions of the PilA protein of nontypeable Haemophilus influenzae (NTHI) to facilitate the design of two novel chimeric vaccine candidates. <i>Vaccine</i> , 2009 , 28, 279-89	4.1	44
54	Nontypeable Haemophilus influenzae as a pathogen in children. <i>Pediatric Infectious Disease Journal</i> , 2009 , 28, 43-8	3.4	195
53	Microbial interactions in the respiratory tract. <i>Pediatric Infectious Disease Journal</i> , 2009 , 28, S121-6	3.4	120
52	Innate immune defenses: finding a new way to calm the storm. <i>Immunology and Cell Biology</i> , 2008 , 86, 639-40	5	
51	Differential uptake and processing of a Haemophilus influenzae P5-derived immunogen by chinchilla dendritic cells. <i>Infection and Immunity</i> , 2008 , 76, 967-77	3.7	12
50	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. <i>Infection and Immunity</i> , 2008 , 76, 48-55	3.7	48
49	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. <i>Molecular Microbiology</i> , 2007 , 65, 1288-99	4.1	118
48	Biofilms formed by nontypeable Haemophilus influenzae in vivo contain both double-stranded DNA and type IV pilin protein. <i>Journal of Bacteriology</i> , 2007 , 189, 3868-75	3.5	172
47	Contribution of Moraxella catarrhalis type IV pili to nasopharyngeal colonization and biofilm formation. <i>Infection and Immunity</i> , 2007 , 75, 5559-64	3.7	67
46	Bacterial biofilms in otitis media: evidence and relevance. <i>Pediatric Infectious Disease Journal</i> , 2007 , 26, S17-9	3.4	82
45	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. <i>Infection and Immunity</i> , 2007 , 75, 958-65	3.7	112
44	The OxyR regulon in nontypeable Haemophilus influenzae. <i>Journal of Bacteriology</i> , 2007 , 189, 1004-12	3.5	45
43	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. <i>Molecular Immunology</i> , 2007 , 44, 2446-58	4.3	42
42	Nontypeable Haemophilus influenzae adheres to intercellular adhesion molecule 1 (ICAM-1) on respiratory epithelial cells and upregulates ICAM-1 expression. <i>Infection and Immunity</i> , 2006 , 74, 830-8	3.7	75
41	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. <i>Vaccine</i> , 2006 , 24, 4804-11	4.1	42
40	Food commensal microbes as a potentially important avenue in transmitting antibiotic resistance genes. <i>FEMS Microbiology Letters</i> , 2006 , 255, 328-328	2.9	8
39	The non-typeable Haemophilus influenzae Sap transporter provides a mechanism of antimicrobial peptide resistance and SapD-dependent potassium acquisition. <i>Molecular Microbiology</i> , 2006 , 62, 1357-72	4.1	66
38	Demonstration of Type IV pilus expression and a twitching phenotype by Haemophilus influenzae. <i>Infection and Immunity</i> , 2005 , 73, 1635-43	3.7	93

37	Vaccines for otitis media: proposals for overcoming obstacles to progress. <i>Vaccine</i> , 2005 , 23, 2696-702	4.1	27
36	Development of a chinchilla model to allow direct, continuous, biophotonic imaging of bioluminescent nontypeable <i>Haemophilus influenzae</i> during experimental otitis media. <i>Infection and Immunity</i> , 2005 , 73, 609-11	3.7	22
35	A mutation in the sap operon attenuates survival of nontypeable <i>Haemophilus influenzae</i> in a chinchilla model of otitis media. <i>Infection and Immunity</i> , 2005 , 73, 599-608	3.7	76
34	Role of sialic acid and complex carbohydrate biosynthesis in biofilm formation by nontypeable <i>Haemophilus influenzae</i> in the chinchilla middle ear. <i>Infection and Immunity</i> , 2005 , 73, 3210-8	3.7	121
33	Chinchilla and murine models of upper respiratory tract infections with respiratory syncytial virus. <i>Journal of Virology</i> , 2005 , 79, 6035-42	6.6	39
32	Genomic sequence of an otitis media isolate of nontypeable <i>Haemophilus influenzae</i> : comparative study with <i>H. influenzae</i> serotype d, strain KW20. <i>Journal of Bacteriology</i> , 2005 , 187, 4627-36	3.5	177
31	6. Vaccine. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2005 , 114, 86-103	2.1	22
30	3. Animal Models; Anatomy and Pathology; Pathogenesis; Cell Biology and Genetics. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2005 , 114, 31-41	2.1	12
29	Identification and characterization of a mucosal antimicrobial peptide expressed by the chinchilla (<i>Chinchilla lanigera</i>) airway. <i>Journal of Biological Chemistry</i> , 2004 , 279, 20250-6	5.4	21
28	Developing animal models for polymicrobial diseases. <i>Nature Reviews Microbiology</i> , 2004 , 2, 552-68	22.2	92
27	The fourth surface-exposed region of the outer membrane protein P5-homologous adhesin of nontypable <i>Haemophilus influenzae</i> is an immunodominant but nonprotective decoying epitope. <i>Journal of Immunology</i> , 2003 , 171, 1978-83	5.3	32
26	Anatomy of the nasal cavity in the chinchilla. <i>Cells Tissues Organs</i> , 2003 , 174, 136-52	2.1	27
25	Nontypeable <i>Haemophilus influenzae</i> gene expression induced in vivo in a chinchilla model of otitis media. <i>Infection and Immunity</i> , 2003 , 71, 3454-62	3.7	80
24	Efficacy of the 26-kilodalton outer membrane protein and two P5 fimbrin-derived immunogens to induce clearance of nontypeable <i>Haemophilus influenzae</i> from the rat middle ear and lungs as well as from the chinchilla middle ear and nasopharynx. <i>Infection and Immunity</i> , 2003 , 71, 4691-9	3.7	48
23	Detection and characterization of pediatric serum antibody to the OMP P5-homologous adhesin of nontypeable <i>Haemophilus influenzae</i> during acute otitis media. <i>Vaccine</i> , 2002 , 20, 3590-7	4.1	18
22	Peptide and recombinant antigens for protection against bacterial middle ear infection. <i>Vaccine</i> , 2001 , 19, 2323-8	4.1	14
21	Epitope mapping of the outer membrane protein P5-homologous fimbrin adhesin of nontypeable <i>Haemophilus influenzae</i> . <i>Infection and Immunity</i> , 2000 , 68, 2119-28	3.7	45
20	Passive transfer of antiserum specific for immunogens derived from a nontypeable <i>Haemophilus influenzae</i> adhesin and lipoprotein D prevents otitis media after heterologous challenge. <i>Infection and Immunity</i> , 2000 , 68, 2756-65	3.7	57

19	Fimbria-mediated enhanced attachment of nontypeable Haemophilus influenzae to respiratory syncytial virus-infected respiratory epithelial cells. <i>Infection and Immunity</i> , 1999 , 67, 187-92	3.7	67
18	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. <i>Infection and Immunity</i> , 1999 , 67, 2746-62	3.7	97
17	Blinded multiplex PCR analyses of middle ear and nasopharyngeal fluids from chinchilla models of single- and mixed-pathogen-induced otitis media. <i>Vaccine Journal</i> , 1998 , 5, 219-24		12
16	Kinetics of the ascension of NTHi from the nasopharynx to the middle ear coincident with adenovirus-induced compromise in the chinchilla. <i>Microbial Pathogenesis</i> , 1997 , 23, 119-26	3.8	31
15	Adherence of non-typeable Haemophilus influenzae promotes reorganization of the actin cytoskeleton in human or chinchilla epithelial cells in vitro. <i>Microbial Pathogenesis</i> , 1997 , 23, 157-66	3.8	22
14	Relative immunogenicity and efficacy of two synthetic chimeric peptides of fimbrin as vaccinogens against nasopharyngeal colonization by nontypeable Haemophilus influenzae in the chinchilla. <i>Vaccine</i> , 1997 , 15, 955-61	4.1	75
13	Evidence for transudation of specific antibody into the middle ears of parenterally immunized chinchillas after an upper respiratory tract infection with adenovirus. <i>Vaccine Journal</i> , 1997 , 4, 223-5		19
12	Selective adherence of non-typeable Haemophilus influenzae (NTHi) to mucus or epithelial cells in the chinchilla eustachian tube and middle ear. <i>Microbial Pathogenesis</i> , 1996 , 21, 343-56	3.8	44
11	Viral potentiation of bacterial superinfection of the respiratory tract. <i>Trends in Microbiology</i> , 1995 , 3, 110-4	12.4	117
10	Adenovirus serotype 1 does not act synergistically with Moraxella (Branhamella) catarrhalis to induce otitis media in the chinchilla. <i>Infection and Immunity</i> , 1995 , 63, 4188-90	3.7	36
9	Localization of high-molecular-weight adhesion proteins of nontypeable Haemophilus influenzae by immunoelectron microscopy. <i>Infection and Immunity</i> , 1994 , 62, 4460-8	3.7	20
8	Synergistic effect of adenovirus type 1 and nontypeable Haemophilus influenzae in a chinchilla model of experimental otitis media. <i>Infection and Immunity</i> , 1994 , 62, 1710-8	3.7	123
7	Effect of influenza A virus on ciliary activity and dye transport function in the chinchilla eustachian tube. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1993 , 102, 551-8	2.1	36
6	Modeling adenovirus type 1-induced otitis media in the chinchilla: effect on ciliary activity and fluid transport function of eustachian tube mucosal epithelium. <i>Journal of Infectious Diseases</i> , 1993 , 168, 865-72		57
5	Effect of formalin-fixed Hemophilus influenzae and Streptococcus pneumoniae on dye transport by the chinchilla eustachian tube. <i>Acta Oto-Laryngologica</i> , 1989 , 107, 235-43	1.6	7
4	Immunological responsiveness of chinchillas to outer membrane and isolated fimbrial proteins of nontypeable Haemophilus influenzae. <i>Infection and Immunity</i> , 1989 , 57, 3226-9	3.7	15
3	The effect of antecedent influenza A virus infection on the adherence of Hemophilus influenzae to chinchilla tracheal epithelium. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 1988 , 9, 127-34	2.8	37
2	Frequency of fimbriation of nontypable Haemophilus influenzae and its ability to adhere to chinchilla and human respiratory epithelium. <i>Infection and Immunity</i> , 1988 , 56, 331-5	3.7	96

1

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