Timothy F Murphy

List of Publications by Year
in descending order

189	11,643	38720 50	31818 101
papers	citations	h-index	g-index

191	191	191	7138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Infection in the Pathogenesis and Course of Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2008, 359, 2355-2365.	13.9	1,046
2	New Strains of Bacteria and Exacerbations of Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2002, 347, 465-471.	13.9	931
3	Bacterial Infection in Chronic Obstructive Pulmonary Disease in 2000: a State-of-the-Art Review. Clinical Microbiology Reviews, 2001, 14, 336-363.	5.7	493
4	Bacterial Infection in Chronic Obstructive Pulmonary Disease. The American Review of Respiratory Disease, 1992, 146, 1067-1083.	2.9	486
5	Moraxella catarrhalis,a Human Respiratory Tract Pathogen. Clinical Infectious Diseases, 2009, 49, 124-131.	2.9	359
6	Airway Microbiome Dynamics in Exacerbations of Chronic Obstructive Pulmonary Disease. Journal of Clinical Microbiology, 2014, 52, 2813-2823.	1.8	272
7	Persistent Colonization byHaemophilus influenzaein Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 266-272.	2.5	270
8	Pseudomonas aeruginosa in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 853-860.	2.5	253
9	Moraxella catarrhalisin Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 195-199.	2.5	247
10	Activation of NF-ÂB by nontypeable Hemophilus influenzae is mediated by toll-like receptor 2-TAK1-dependent NIK-IKKÂ/Â-IÂBÂ and MKK3/6-p38 MAP kinase signaling pathways in epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 8774-8779.	3.3	245
11	Nontypeable Haemophilus influenzae as a Pathogen in Children. Pediatric Infectious Disease Journal, 2009, 28, 43-48.	1.1	224
12	Haemophilus haemolyticus:A Human Respiratory Tract Commensal to Be Distinguished fromHaemophilus influenzae. Journal of Infectious Diseases, 2007, 195, 81-89.	1.9	205
13	Airway Inflammation and Etiology of Acute Exacerbations of Chronic Bronchitis. Chest, 2000, 118, 1557-1565.	0.4	196
14	Haemophilus influenzae Infections in the H. influenzae Type b Conjugate Vaccine Era. Journal of Clinical Microbiology, 2011, 49, 3728-3732.	1.8	192
15	Airway Bacterial Concentrations and Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 356-361.	2.5	174
16	Biofilm formation by nontypeable Haemophilus influenzae: strain variability, outer membrane antigen expression and role of pili. BMC Microbiology, 2002, 2, 7.	1.3	157
17	Inflammatory Profile of New Bacterial Strain Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 491-497.	2.5	156
18	Respiratory infections caused by non-typeable Haemophilus influenzae. Current Opinion in Infectious Diseases, 2003, 16, 129-134.	1.3	144

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19	Microbial Interactions in the Respiratory Tract. Pediatric Infectious Disease Journal, 2009, 28, S121-S126.	1.1	140
20	Strain-specific Immune Response toHaemophilus influenzaein Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 448-453.	2.5	139
21	Haemophilus influenzaefrom Patients with Chronic Obstructive Pulmonary Disease Exacerbation Induce More Inflammation than Colonizers. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 85-91.	2.5	139
22	Nontypeable Haemophilus influenzae lipoprotein P6 induces MUC5AC mucin transcription via TLR2â€“TAK1-dependent p38 MAPK-AP1 and IKKÎ²-IÎºBÎ±-NF-Îº B signaling pathways. Biochemical and Biophysical Research Communications, 2004, 324, 1087-1094.	1.0	122
23	Identification of a Specific Epitope of Haemophilus influenzae on a 16,600-Dalton Outer Membrane Protein. Journal of Infectious Diseases, 1985, 152, 1300-1307.	1.9	111
24	Human milk lactoferrin inactivates two putative colonization factors expressed by Haemophilus influenzae. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 12641-12646.	3.3	111
25	Comparison of the Outer Membrane Proteins of 50 Strains of Branhamella catarrhalis. Journal of Infectious Diseases, 1988, 158, 761-765.	1.9	108
26	The Role of Bacteria in Exacerbations of COPD. Chest, 2000, 118, 204-209.	0.4	106
27	Bacteria Challenge in Smoke-exposed Mice Exacerbates Inflammation and Skews the Inflammatory Profile. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 666-675.	2.5	104
28	Isolation of the outer membrane of Branhamella catarrhalis. Microbial Pathogenesis, 1989, 6, 159-174.	1.3	100
29	Non-Typeable Haemophilus influenzae Invasion and Persistence in the Human Respiratory Tract. Frontiers in Cellular and Infection Microbiology, 2011, 1, 1.	1.8	96
30	Differential adaptation of microbial pathogens to airways of patients with cystic fibrosis and chronic obstructive pulmonary disease. FEMS Microbiology Reviews, 2011, 35, 124-146.	3.9	94
31	Vaccines for Nontypeable Haemophilus influenzae: the Future Is Now. Vaccine Journal, 2015, 22, 459-466.	3.2	94
32	Bacterial Colonization Increases Daily Symptoms in Patients with Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2014, 11, 303-309.	1.5	93
33	Relationships of Nontypeable Haemophilus influenzae Strains to Hemolytic and Nonhemolytic Haemophilus haemolyticus Strains. Journal of Clinical Microbiology, 2008, 46, 406-416.	1.8	87
34	Early Hospital Readmissions after an Acute Exacerbation of Chronic Obstructive Pulmonary Disease in the Nationwide Readmissions Database. Annals of the American Thoracic Society, 2018, 15, 837-845.	1.5	84
35	The major heat-modifiable outer membrane protein CD is highly conserved among strains of Branhamella catarrhalis. Molecular Microbiology, 1993, 10, 87-97.	1.2	82
36	Pseudomonas aeruginosa in adults with chronic obstructive pulmonary disease. Current Opinion in Pulmonary Medicine, 2009, 15, 138-142.	1.2	82

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37	Molecular Basis of Increased Serum Resistance among Pulmonary Isolates of Non-typeable Haemophilus influenzae. PLoS Pathogens, 2011, 7, e1001247.	2.1	82
38	Insights on persistent airway infection by non-typeable Haemophilus influenzae in chronic obstructive pulmonary disease. Pathogens and Disease, 2017, 75, .	0.8	80
39	The role of bacteria in airway inflammation in exacerbations of chronic obstructive pulmonary disease. Current Opinion in Infectious Diseases, 2006, 19, 225-230.	1.3	79
40	Lymphocyte Proliferative Response to P6 ofHaemophilus influenzaeIs Associated with Relative Protection from Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 967-971.	2.5	72
41	Outer Membrane Protein P6 of Nontypeable Haemophilus influenzae Is a Potent and Selective Inducer of Human Macrophage Proinflammatory Cytokines. Infection and Immunity, 2005, 73, 2728-2735.	1.0	67
42	Pseudomonas aeruginosaPopulation Biology in Chronic Obstructive Pulmonary Disease. Journal of Infectious Diseases, 2009, 200, 1928-1935.	1.9	67
43	Breast-Feeding Is Associated With a Reduced Frequency of Acute Otitis Media and High Serum Antibody Levels Against NTHi and Outer Membrane Protein Vaccine Antigen Candidate P6. Pediatric Research, 2009, 66, 565-570.	1.1	65
44	Human Immune Response to NontypeableHaemophilus influenzaein Chronic Bronchitis. Journal of Infectious Diseases, 1997, 176, 1247-1252.	1.9	63
45	Infectious exacerbations of chronic obstructive pulmonary disease associated with respiratory viruses and non-typeableHaemophilus influenzae. FEMS Immunology and Medical Microbiology, 2003, 37, 69-75.	2.7	60
46	Haemophilus influenzae genome evolution during persistence in the human airways in chronic obstructive pulmonary disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3256-E3265.	3.3	57
47	Chronic Obstructive Pulmonary Disease. Drugs and Aging, 2002, 19, 761-775.	1.3	55
48	Systemic and Mucosal Antibody Response toMoraxella catarrhalisafter Exacerbations of Chronic Obstructive Pulmonary Disease. Journal of Infectious Diseases, 2002, 185, 632-640.	1.9	54
49	Effects of Bacterial Infection on Airway Antimicrobial Peptides and Proteins in COPD. Chest, 2011, 140, 611-617.	0.4	54
50	Vaccine development for non-typeableHaemophilus influenzaeandMoraxella catarrhalis: progress and challenges. Expert Review of Vaccines, 2005, 4, 843-853.	2.0	52
51	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, 279-289.	1.7	52
52	Internalization and Trafficking of Nontypeable Haemophilus influenzae in Human Respiratory Epithelial Cells and Roles of IgA1 Proteases for Optimal Invasion and Persistence. Infection and Immunity, 2014, 82, 433-444.	1.0	52
53	Expression of a peroxiredoxinÃ¢Â€Â“glutaredoxin byHaemophilus influenzaein biofilms and during human respiratory tract infection. FEMS Immunology and Medical Microbiology, 2005, 44, 81-89.	2.7	51
54	Mining the Moraxella catarrhalis Genome: Identification of Potential Vaccine Antigens Expressed during Human Infection. Infection and Immunity, 2008, 76, 1599-1607.	1.0	51

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55	Moraxella catarrhalisacquisition, airway inflammation and protease-antiprotease balance in chronic obstructive pulmonary disease. BMC Infectious Diseases, 2009, 9, 178.	1.3	48
56	Characterization and Evaluation of the Moraxella catarrhalis Oligopeptide Permease A as a Mucosal Vaccine Antigen. Infection and Immunity, 2011, 79, 846-857.	1.0	48
57	Antigenic Specificity of the Mucosal Antibody Response to Moraxella catarrhalis in Chronic Obstructive Pulmonary Disease. Infection and Immunity, 2005, 73, 8161-8166.	1.0	47
58	Biliary tract obstruction due to tuberculous adenitis. American Journal of Medicine, 1980, 68, 452-454.	0.6	44
59	Immunity to Haemophilus influenzae Type b in Young Adults: Correlation of Bactericidal and Opsonizing Activity of Serum with Antibody to Polyribosylribitol Phosphate and Lipooligosaccharide Before and After Vaccination. Journal of Infectious Diseases, 1986, 154, 935-943.	1.9	44
60	Chronic Obstructive Pulmonary Disease. Drugs and Aging, 2009, 26, 985-995.	1.3	44
61	Identification of Surface Antigens of Moraxella catarrhalis as Targets of Human Serum Antibody Responses in Chronic Obstructive Pulmonary Disease. Infection and Immunity, 2005, 73, 3471-3478.	1.0	43
62	Differential Genome Contents of Nontypeable Haemophilus influenzae Strains from Adults with Chronic Obstructive Pulmonary Disease. Infection and Immunity, 2006, 74, 3366-3374.	1.0	43
63	Outer membrane protein CD of Branhamella catarrhalis: Sequence conservation in strains recovered from the human respiratory tract. Microbial Pathogenesis, 1995, 19, 215-225.	1.3	42
64	Molecular Typing of Paired Bacterial Isolates From the Adenoid and Lateral Wall of the Nose in Children Undergoing Adenoidectomy: Implications in Acute Rhinosinusitis. Otolaryngology - Head and Neck Surgery, 2001, 125, 593-597.	1.1	42
65	Bacteremic Pneumococcal Pneumonia in the Elderly. American Journal of the Medical Sciences, 1984, 288, 114-118.	0.4	41
66	Editorial Commentary:The Many Faces ofPseudomonas aeruginosain Chronic Obstructive Pulmonary Disease. Clinical Infectious Diseases, 2008, 47, 1534-1536.	2.9	41
67	Construction of a Mutant and Characterization of the Role of the Vaccine Antigen P6 in Outer Membrane Integrity of Nontypeable Haemophilus influenzae. Infection and Immunity, 2006, 74, 5169-5176.	1.0	39
68	Characterization of igaB , a Second Immunoglobulin A1 Protease Gene in Nontypeable Haemophilus influenzae. Infection and Immunity, 2006, 74, 5860-5870.	1.0	39
69	Studies of the outer membrane proteins of Branhamella catarrhalis. American Journal of Medicine, 1990, 88, S41-S45.	0.6	38
70	Antibodies to Loop 6 of the P2 Porin Protein of Nontypeable Haemophilus influenzae Are Bactericidal against Multiple Strains. Infection and Immunity, 2001, 69, 773-778.	1.0	38
71	Proteomic expression profiling of Haemophilus influenzae grown in pooled human sputum from adults with chronic obstructive pulmonary disease reveal antioxidant and stress responses. BMC Microbiology, 2010, 10, 162.	1.3	36
72	Analysis of Antigenic Structure and Human Immune Response to Outer Membrane Protein CD of Moraxella catarrhalis. Infection and Immunity, 1999, 67, 4578-4585.	1.0	36

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73	ATP-Binding Cassette (ABC) Transporters of the Human Respiratory Tract Pathogen, Moraxella catarrhalis: Role in Virulence. PLoS ONE, 2016, 11, e0158689.	1.1	36
74	Fimbriation of Haemophilus Species Isolated from the Respiratory Tract of Adults. Journal of Infectious Diseases, 1984, 150, 40-43.	1.9	35
75	Human Immune Response to Outer Membrane Protein CD of Moraxella catarrhalis in Adults with Chronic Obstructive Pulmonary Disease. Infection and Immunity, 2003, 71, 1288-1294.	1.0	34
76	Role of the Oligopeptide Permease ABC Transporter of Moraxella catarrhalis in Nutrient Acquisition and Persistence in the Respiratory Tract. Infection and Immunity, 2014, 82, 4758-4766.	1.0	34
77	Antigenic Structure of Outer Membrane Protein E ofMoraxella catarrhalis and Construction and Characterization of Mutants. Infection and Immunity, 2000, 68, 6250-6256.	1.0	33
78	Expression of urease by Haemophilus influenzae during human respiratory tract infection and role in survival in an acid environment. BMC Microbiology, 2011, 11, 183.	1.3	33
79	Antimicrobial activity of antisense peptideâ€“peptide nucleic acid conjugates against non-typeableHaemophilus influenzaein planktonic and biofilm forms. Journal of Antimicrobial Chemotherapy, 2017, 72, 137-144.	1.3	33
80	Impact of Pseudomonas aeruginosa Isolation on Mortality and Outcomes in an Outpatient Chronic Obstructive Pulmonary Disease Cohort. Open Forum Infectious Diseases, 2020, 7, ofz546.	0.4	33
81	Purification and characterization of outer membrane protein P6, a vaccine antigen of non-typeableHaemophilus influenzae. FEMS Immunology and Medical Microbiology, 1999, 26, 159-166.	2.7	31
82	Vaccines for otitis media: proposals for overcoming obstacles to progress. Vaccine, 2005, 23, 2696-2702.	1.7	30
83	A Clonal Group of Nontypeable Haemophilus influenzae with Two IgA Proteases Is Adapted to Infection in Chronic Obstructive Pulmonary Disease. PLoS ONE, 2011, 6, e25923.	1.1	30
84	Immunization of mice with P6 of nontypeable Haemophilus influenzae: kinetics of the antibody response and IgG subclasses. Vaccine, 1999, 18, 29-37.	1.7	29
85	Sequence Stability of the Gene Encoding Outer Membrane Protein P2 of NontypeableHaemophilus influenzaein the Human Respiratory Tract. Journal of Infectious Diseases, 2002, 185, 627-631.	1.9	29
86	Expression of IgA Proteases byHaemophilus influenzaein the Respiratory Tract of Adults With Chronic Obstructive Pulmonary Disease. Journal of Infectious Diseases, 2015, 212, 1798-1805.	1.9	29
87	The surface of Branhamella catarrhalis. Pediatric Infectious Disease Journal, 1989, 8, S78.	1.1	28
88	Investigation of mucosal immunisation in pulmonary clearance of Moraxella (Branhamella) catarrhalis. Vaccine, 1999, 18, 398-406.	1.7	28
89	Serum Antipneumococcal Antibodies and Pneumococcal Colonization in Adults with Chronic Obstructive Pulmonary Disease. Journal of Infectious Diseases, 2007, 196, 928-935.	1.9	28
90	Antibiotic Resistance in Sputum Isolates ofStreptococcus pneumoniaein Chronic Obstructive Pulmonary Disease is Related to Antibiotic Exposure. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2010, 7, 337-344.	0.7	28

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91	Panel 6: Vaccines. Otolaryngology - Head and Neck Surgery, 2013, 148, E90-101.	1.1	28
92	Role of the Zinc Uptake ABC Transporter of Moraxella catarrhalis in Persistence in the Respiratory Tract. Infection and Immunity, 2013, 81, 3406-3413.	1.0	28
93	Horizontal Transfer of the Gene Encoding Outer Membrane Protein P2 of NontypeableHaemophilus influenzae,in a Patient with Chronic Obstructive Pulmonary Disease. Journal of Infectious Diseases, 2003, 188, 114-117.	1.9	27
94	Acute exacerbations of chronic bronchitis: new developments concerning microbiology and pathophysiologyâ€"impact on approaches to risk stratification and therapy. Infectious Disease Clinics of North America, 2004, 18, 861-882.	1.9	26
95	Presence of Copper- and Zinc-Containing Superoxide Dismutase in Commensal Haemophilus haemolyticus Isolates Can Be Used as a Marker To Discriminate Them from Nontypeable H. influenzae Isolates. Journal of Clinical Microbiology, 2006, 44, 4222-4226.	1.8	26
96	Effect of Fluoroquinolones and Macrolides on Eradication and Resistance of Haemophilus influenzae in Chronic Obstructive Pulmonary Disease. Antimicrobial Agents and Chemotherapy, 2016, 60, 4151-4158.	1.4	26
97	Nontypeable Haemophilus influenzae Genetic Islands Associated with Chronic Pulmonary Infection. PLoS ONE, 2012, 7, e44730.	1.1	25
98	A Moraxella catarrhalis vaccine to protect against otitis media and exacerbations of COPD: An update on current progress and challenges. Human Vaccines and Immunotherapeutics, 2017, 13, 2322-2331.	1.4	25
99	Bacterial otitis media: pathogenetic considerations. Pediatric Infectious Disease Journal, 2000, 19, S9-S16.	1.1	25
100	Mucosal immunization of mice with recombinant OMP P2 induces antibodies that bind to surface epitopes of multiple strains of nontypeable Haemophilus influenzae. Mucosal Immunology, 2009, 2, 63-73.	2.7	23
101	6. Vaccine. Annals of Otology, Rhinology and Laryngology, 2005, 114, 86-103.	0.6	23
102	Recurrent otitis media with non-typable Haemophilus influenzae: the role of serum bactericidal antibody. International Journal of Pediatric Otorhinolaryngology, 1992, 23, 1-13.	0.4	22
103	Natural materno-fetal transfer of antibodies to PspA and to PsaA. Clinical and Experimental Immunology, 2004, 135, 474-477.	1.1	22
104	Identification and characterization of outer membrane proteins G1a and G1b of Moraxella catarrhalis. Vaccine, 2004, 22, 2533-2540.	1.7	22
105	Role of an immunodominant T cell epitope of the P6 protein of nontypeable Haemophilus influenzae in murine protective immunity. Vaccine, 2005, 23, 3590-3596.	1.7	22
106	Serial Isolates of Persistent Haemophilus influenzae in Patients with Chronic Obstructive Pulmonary Disease Express Diminishing Quantities of the HMW1 and HMW2 Adhesins. Infection and Immunity, 2008, 76, 4463-4468.	1.0	22
107	Characterization of proteins Msp22 and Msp75 as vaccine antigens of Moraxella catarrhalis. Vaccine, 2009, 27, 7065-7072.	1.7	22
108	Lower Airway Bacterial Colonization Patterns and Species-Specific Interactions in Chronic Obstructive Pulmonary Disease. Journal of Clinical Microbiology, 2018, 56, .	1.8	22

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109	Otitis Media, Bacterial Colonization, and the Smoking Parent. Clinical Infectious Diseases, 2006, 42, 904-906.	2.9	21
110	Potential impact of a Moraxella catarrhalis vaccine in COPD. Vaccine, 2019, 37, 5551-5558.	1.7	21
111	Conservation of Outer Membrane Protein E among Strains of Moraxella catarrhalis. Infection and Immunity, 2001, 69, 3576-3580.	1.0	20
112	Antibodies directed at a conserved motif in loop 6 of outer membrane protein P2 of nontypeableHaemophilus influenzaerecognize multiple strains in immunoassays. FEMS Immunology and Medical Microbiology, 2006, 46, 251-261.	2.7	20
113	Temporal development of the humoral immune response to surface antigens of Moraxella catarrhalis in young infants. Vaccine, 2011, 29, 5603-5610.	1.7	20
114	The Role of TLR2 and Bacterial Lipoprotein in Enhancing Airway Inflammation and Immunity. Frontiers in Immunology, 2011, 2, 10.	2.2	20
115	Identification of Domains of the Hag/MID Surface Protein Recognized by Systemic and Mucosal Antibodies in Adults with Chronic Obstructive Pulmonary Disease following Clearance of Moraxella catarrhalis. Vaccine Journal, 2009, 16, 653-659.	3.2	19
116	Panel 6: Vaccines. Otolaryngology - Head and Neck Surgery, 2017, 156, S76-S87.	1.1	19
117	RSV Infection â€" Not for Kids Only. New England Journal of Medicine, 2005, 352, 1810-1812.	13.9	18
118	Human Antibody Response to Outer Membrane Protein G1a, a Lipoprotein of Moraxella catarrhalis. Infection and Immunity, 2005, 73, 6601-6607.	1.0	18
119	Substrate Binding Protein SBP2 of a Putative ABC Transporter as a Novel Vaccine Antigen of Moraxella catarrhalis. Infection and Immunity, 2014, 82, 3503-3512.	1.0	18
120	Serum antibody response to Moraxella catarrhalis proteins OMP CD, OppA, Msp22, Hag, and PilA2 after nasopharyngeal colonization and acute otitis media in children. Vaccine, 2015, 33, 5809-5814.	1.7	18
121	Sulfate-binding protein, CysP, is a candidate vaccine antigen of Moraxella catarrhalis. Vaccine, 2016, 34, 3855-3861.	1.7	18
122	ReVac: a reverse vaccinology computational pipeline for prioritization of prokaryotic protein vaccine candidates. BMC Genomics, 2019, 20, 981.	1.2	18
123	Mapping of a strain-specific bactericidal epitope to the surface-exposed loop 5 on the P2 porin protein of non-typeable Haemophilus influenzae. Microbial Pathogenesis, 1994, 17, 277-282.	1.3	17
124	Immune Response to Surface Protein A ofStreptococcus pneumoniaeand to Highâ€"Molecularâ€Weight Outer Membrane Protein A ofMoraxella catarrhalisin Children with Acute Otitis Media. Journal of Infectious Diseases, 2000, 181, 1842-1845.	1.9	17
125	Current and future prospects for a vaccine for nontypeable Haemophilus influenzae. Current Infectious Disease Reports, 2009, 11, 177-182.	1.3	17
126	Vaccine development forMoraxella catarrhalis: rationale, approaches and challenges. Expert Review of Vaccines, 2009, 8, 655-658.	2.0	17

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127	Haemophilus influenzae and Haemophilus haemolyticus in tonsillar cultures of adults with acute pharyngotonsillitis. Auris Nasus Larynx, 2010, 37, 594-600.	0.5	17
128	Human serum and mucosal antibody responses to outer membrane protein G1b ofMoraxella catarrhalisin chronic obstructive pulmonary disease. FEMS Immunology and Medical Microbiology, 2006, 46, 139-146.	2.7	16
129	Comparative Analyses of the Lipooligosaccharides from Nontypeable Haemophilus influenzae and Haemophilus haemolyticus Show Differences in Sialic Acid and Phosphorylcholine Modifications. Infection and Immunity, 2016, 84, 765-774.	1.0	16
130	Isolation and characterization of the Haemophilus influenzae tolQ, tolR, tolA and tolB genes. Gene, 1996, 178, 75-81.	1.0	15
131	Mechanisms of Recurrent Otitis Media: Importance of the Immune Response to Bacterial Surface Antigens. Annals of the New York Academy of Sciences, 1997, 830, 353-360.	1.8	15
132	Panel 5. Otolaryngology - Head and Neck Surgery, 2013, 148, E64-E89.	1.1	15
133	Immunoglobulin A Protease Variants Facilitate Intracellular Survival in Epithelial Cells By Nontypeable Haemophilus influenzae That Persist in the Human Respiratory Tract in Chronic Obstructive Pulmonary Disease. Journal of Infectious Diseases, 2017, 216, 1295-1302.	1.9	15
134	Moraxella catarrhalis Restriction-Modification Systems are Associated with Phylogenetic Lineage and Disease. Genome Biology and Evolution, 2018, 10, 2932-2946.	1.1	15
135	Changes in IgA Protease Expression Are Conferred by Changes in Genomes during Persistent Infection by Nontypeable Haemophilus influenzae in Chronic Obstructive Pulmonary Disease. Infection and Immunity, 2018, 86, .	1.0	15
136	Investigation of nontypeable Haemophilus influenzae outer membrane protein P6 as a new carrier for lipooligosaccharide conjugate vaccines. Vaccine, 2005, 23, 5177-5185.	1.7	14
137	Design and validation of a supragenome array for determination of the genomic content of Haemophilus influenzae isolates. BMC Genomics, 2013, 14, 484.	1.2	14
138	Persistence of Moraxella catarrhalis in Chronic Obstructive Pulmonary Disease and Regulation of the Hag/MID Adhesin. Journal of Infectious Diseases, 2019, 219, 1448-1455.	1.9	14
139	Use of Moraxella catarrhalis Lipooligosaccharide Mutants To Identify Specific Oligosaccharide Epitopes Recognized by Human Serum Antibodies. Infection and Immunity, 2009, 77, 4548-4558.	1.0	13
140	Comparative Analysis of the Humoral Immune Response to Moraxella catarrhalis and Streptococcus pneumoniae Surface Antigens in Children Suffering from Recurrent Acute Otitis Media and Chronic Otitis Media with Effusion. Vaccine Journal, 2012, 19, 914-918.	3.2	13
141	The Vaccine Candidate Substrate Binding Protein SBP2 Plays a Key Role in Arginine Uptake, Which Is Required for Growth of Moraxella catarrhalis. Infection and Immunity, 2016, 84, 432-438.	1.0	13
142	Lipid Motif of a Bacterial Antigen Mediates Immune Responses via TLR2 Signaling. PLoS ONE, 2011, 6, e19781.	1.1	13
143	Recent advances in otitis media. 6. Vaccine. The Annals of Otology, Rhinology & Laryngology Supplement, 2005, 194, 86-103.	3.0	13
144	Antigenic variation of surface proteins as a survival strategy for bacterial pathogens. Trends in Microbiology, 1994, 2, 427-428.	3.5	12

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145	A monoclonal antibody to human macrophage gangliosides inhibits macrophage migration. Journal of Leukocyte Biology, 1996, 59, 371-379.	1.5	12
146	Comparative Genomic Analysis of Haemophilus haemolyticus and Nontypeable Haemophilus influenzae and a New Testing Scheme for Their Discrimination. Journal of Clinical Microbiology, 2016, 54, 3010-3017.	1.8	12
147	The Laminin Interactome: A Multifactorial Laminin-Binding Strategy by Nontypeable Haemophilus influenzae for Effective Adherence and Colonization. Journal of Infectious Diseases, 2019, 220, 1049-1060.	1.9	12
148	Modulation of Airway Inflammation by Haemophilus influenzae Isolates Associated with Chronic Obstructive Pulmonary Disease Exacerbation. Proceedings of the American Thoracic Society, 2006, 3, 482-483.	3.5	11
149	Serum antibody response to Moraxella catarrhalis proteins in stringently defined otitis prone children. Vaccine, 2019, 37, 4637-4645.	1.7	11
150	Arthralgia associated with acute urinary retention. American Journal of Medicine, 1980, 68, 386-388.	0.6	10
151	INFLAMMATORY MARKERS IN BACTERIAL EXACERBATIONS OF COPD. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 132-132.	2.5	10
152	Immunity to NontypeableHaemophilus influenzae. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 486-487.	2.5	10
153	Stringently Defined Otitis Prone Children Demonstrate Deficient Naturally Induced Mucosal Antibody Response to Moraxella catarrhalis Proteins. Frontiers in Immunology, 2017, 8, 953.	2.2	10
154	Small-Molecule Inhibitors of Haemophilus influenzae IgA1 Protease. ACS Infectious Diseases, 2019, 5, 1129-1138.	1.8	10
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156	Haemophilus Species (Including H. influenzae and Chancroid). , 2010, , 2911-2919.		10
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