

Moon H Nahm

List of Publications by Year in descending order

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193
papers

9,425
citations

36303

51
h-index

46799

89
g-index

202
all docs

202
docs citations

202
times ranked

6720
citing authors

#	ARTICLE	IF	CITATIONS
1	Pneumococcal Capsules and Their Types: Past, Present, and Future. <i>Clinical Microbiology Reviews</i> , 2015, 28, 871-899.	13.6	557
2	Discovery of a New Capsular Serotype (6C) within Serogroup 6 of <i>Streptococcus pneumoniae</i> . <i>Journal of Clinical Microbiology</i> , 2007, 45, 1225-1233.	3.9	404
3	Affinity maturation without germinal centres in lymphotoxin- β -deficient mice. <i>Nature</i> , 1996, 382, 462-466.	27.8	313
4	NOD-Like Receptors in Infection, Immunity, and Diseases. <i>Yonsei Medical Journal</i> , 2016, 57, 5.	2.2	308
5	Enzyme-Linked Immunosorbent Assay for Quantitation of Human Antibodies to Pneumococcal Polysaccharides. <i>Vaccine Journal</i> , 2003, 10, 514-519.	3.1	288
6	Immunization of Humans with Recombinant Pneumococcal Surface Protein A (rPspA) Elicits Antibodies That Passively Protect Mice from Fatal Infection with <i>Streptococcus pneumoniae</i> Bearing Heterologous PspA. <i>Journal of Infectious Diseases</i> , 2000, 182, 1694-1701.	4.0	243
7	A New Pneumococcal Capsule Type, 10D, is the 100th Serotype and Has a Large <i>cps</i> Fragment from an Oral <i>Streptococcus</i> . <i>MBio</i> , 2020, 11, .	4.1	219
8	Use of Opsonophagocytosis for Serological Evaluation of Pneumococcal Vaccines. <i>Vaccine Journal</i> , 2006, 13, 165-169.	3.1	186
9	The 13-valent pneumococcal conjugate vaccine (PCV13) elicits cross-functional opsonophagocytic killing responses in humans to <i>Streptococcus pneumoniae</i> serotypes 6C and 7A. <i>Vaccine</i> , 2011, 29, 7207-7211.	3.8	186
10	Development and Validation of a Fourfold Multiplexed Opsonization Assay (MOPA4) for Pneumococcal Antibodies. <i>Vaccine Journal</i> , 2006, 13, 1004-1009.	3.1	173
11	Pneumococcal Lipoteichoic Acid (LTA) Is Not as Potent as Staphylococcal LTA in Stimulating Toll-Like Receptor 2. <i>Infection and Immunity</i> , 2003, 71, 5541-5548.	2.2	161
12	Differential Effects of Pneumococcal Vaccines against Serotypes 6A and 6C. <i>Journal of Infectious Diseases</i> , 2008, 198, 1818-1822.	4.0	154
13	Genetic Basis for the New Pneumococcal Serotype, 6C. <i>Infection and Immunity</i> , 2007, 75, 4482-4489.	2.2	151
14	Clinical Implications of Pneumococcal Serotypes: Invasive Disease Potential, Clinical Presentations, and Antibiotic Resistance. <i>Journal of Korean Medical Science</i> , 2013, 28, 4.	2.5	151
15	A New Pneumococcal Serotype, 11E, Has a Variably Inactivated <i>wcjE</i> Gene. <i>Journal of Infectious Diseases</i> , 2010, 202, 29-38.	4.0	145
16	Spectrum of IgG2 subclass deficiency in children with recurrent infections: Prospective study. <i>Journal of Pediatrics</i> , 1986, 108, 647-653.	1.8	134
17	Biochemical, Genetic, and Serological Characterization of Two Capsule Subtypes among <i>Streptococcus pneumoniae</i> Serotype 20 Strains. <i>Journal of Biological Chemistry</i> , 2012, 287, 27885-27894.	3.4	127
18	Distinct Roles of Lymphotoxin β and the Type I Tumor Necrosis Factor (TNF) Receptor in the Establishment of Follicular Dendritic Cells from Non-Bone Marrow-derived Cells. <i>Journal of Experimental Medicine</i> , 1997, 186, 1997-2004.	8.5	122

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19	Pneumococcal vaccine and opsonic pneumococcal antibody. <i>Journal of Infection and Chemotherapy</i> , 2013, 19, 412-425.	1.7	119
20	PCR-Based Quantitation and Clonal Diversity of the Current Prevalent Invasive Serogroup 6 Pneumococcal Serotype, 6C, in the United States in 1999 and 2006 to 2007. <i>Journal of Clinical Microbiology</i> , 2009, 47, 554-559.	3.9	118
21	Identification of natural pneumococcal isolates expressing serotype 6D by genetic, biochemical and serological characterization. <i>Microbiology (United Kingdom)</i> , 2010, 156, 555-560.	1.8	114
22	Older Adults Have a Low Capacity To Opsonize Pneumococci Due to Low IgM Antibody Response to Pneumococcal Vaccinations. <i>Infection and Immunity</i> , 2011, 79, 314-320.	2.2	109
23	Hemophilus Influenzae Type B Disease in Children Vaccinated with Type B Polysaccharide Vaccine. <i>New England Journal of Medicine</i> , 1986, 315, 1584-1590.	27.0	106
24	Concentrations of antibodies in paired maternal and infant sera: Relationship to IgG subclass. <i>Journal of Pediatrics</i> , 1987, 111, 783-788.	1.8	106
25	Immunogenicity of varying dosages of 7-valent pneumococcal polysaccharide-protein conjugate vaccine in seniors previously vaccinated with 23-valent pneumococcal polysaccharide vaccine. <i>Vaccine</i> , 2007, 25, 4029-4037.	3.8	99
26	Maternal immunization with pneumococcal polysaccharide vaccine in the third trimester of gestation. <i>Vaccine</i> , 2001, 20, 826-837.	3.8	97
27	Nontypeable Pneumococci Can Be Divided into Multiple <i>cps</i> Types, Including One Type Expressing the Novel Gene <i>pspK</i> . <i>MBio</i> , 2012, 3, .	4.1	92
28	Low-cost, high-throughput, automated counting of bacterial colonies. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 790-797.	1.5	91
29	Pneumococcal vaccination in older adults induces antibodies with low opsonic capacity and reduced antibody potency. <i>Vaccine</i> , 2008, 26, 5521-5526.	3.8	88
30	Increase in the Prevalence of the Newly Discovered Pneumococcal Serotype 6C in the Nasopharynx after Introduction of Pneumococcal Conjugate Vaccine. <i>Journal of Infectious Diseases</i> , 2009, 199, 320-325.	4.0	87
31	Subnormal serum concentrations of IgG2 in children with frequent infections associated with varied patterns of immunologic dysfunction. <i>Journal of Pediatrics</i> , 1990, 116, 529-538.	1.8	83
32	Clinical and Immunologic Characteristics of Healthy Children with Subnormal Serum Concentrations of IgG2. <i>Pediatric Research</i> , 1990, 27, 16-21.	2.3	82
33	A simple in situ cyanogen bromide cleavage method to obtain internal amino acid sequence of proteins electroblotted to polyvinylidene difluoride membranes. <i>Biochemical and Biophysical Research Communications</i> , 1988, 155, 1353-1359.	2.1	80
34	Germinal center T cells are distinct helper-inducer T cells. <i>Human Immunology</i> , 1991, 31, 67-75.	2.4	80
35	Diagnosis of Pneumococcal Pneumonia: Current Pitfalls and the Way Forward. <i>Infection and Chemotherapy</i> , 2013, 45, 351.	2.3	79
36	Lipoteichoic Acid Is Important in Innate Immune Responses to Gram-Positive Bacteria. <i>Infection and Immunity</i> , 2008, 76, 206-213.	2.2	78

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37	Tumor Necrosis Factor Alpha Receptor I Is Important for Survival from <i>Streptococcus pneumoniae</i> Infections. <i>Infection and Immunity</i> , 1999, 67, 595-601.	2.2	78
38	Superior Immune Response to Protein-Conjugate versus Free Pneumococcal Polysaccharide Vaccine in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 499-505.	5.6	76
39	An Analytical Model Applied to a Multicenter Pneumococcal Enzyme-Linked Immunosorbent Assay Study. <i>Journal of Clinical Microbiology</i> , 2000, 38, 2043-2050.	3.9	74
40	Initial and Subsequent Response to Pneumococcal Polysaccharide and Protein-Conjugate Vaccines Administered Sequentially to Adults Who Have Recovered from Pneumococcal Pneumonia. <i>Journal of Infectious Diseases</i> , 2008, 198, 1019-1027.	4.0	70
41	A New Model of Pneumococcal Lipoteichoic Acid Structure Resolves Biochemical, Biosynthetic, and Serologic Inconsistencies of the Current Model. <i>Journal of Bacteriology</i> , 2008, 190, 2379-2387.	2.2	69
42	Central Role of Complement in Passive Protection by Human IgG1 and IgG2 Anti-pneumococcal Antibodies in Mice. <i>Journal of Immunology</i> , 2003, 170, 6158-6164.	0.8	68
43	Discovery of Novel Pneumococcal Serotype 35D, a Natural WciG-Deficient Variant of Serotype 35B. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1416-1425.	3.9	68
44	Immune Response in Infants to the Heptavalent Pneumococcal Conjugate Vaccine against Vaccine-Related Serotypes 6A and 19A. <i>Vaccine Journal</i> , 2009, 16, 376-381.	3.1	65
45	Discovery of <i>Streptococcus pneumoniae</i> Serotype 6 Variants with Glycosyltransferases Synthesizing Two Differing Repeating Units. <i>Journal of Biological Chemistry</i> , 2013, 288, 25976-25985.	3.4	65
46	Pneumococcal Capsular Polysaccharide Preparations May Contain Non-C-Polysaccharide Contaminants That Are Immunogenic. <i>Vaccine Journal</i> , 1999, 6, 519-524.	2.6	63
47	Multilaboratory Comparison of <i>Streptococcus pneumoniae</i> Opsonophagocytic Killing Assays and Their Level of Agreement for the Determination of Functional Antibody Activity in Human Reference Sera. <i>Vaccine Journal</i> , 2011, 18, 135-142.	3.1	61
48	Development of a Fourfold Multiplexed Opsonophagocytosis Assay for Pneumococcal Antibodies against Additional Serotypes and Discovery of Serological Subtypes in <i>Streptococcus pneumoniae</i> Serotype 20. <i>Vaccine Journal</i> , 2012, 19, 835-841.	3.1	61
49	Lipoteichoic Acid-Induced Nitric Oxide Production Depends on the Activation of Platelet-Activating Factor Receptor and Jak2. <i>Journal of Immunology</i> , 2006, 176, 573-579.	0.8	60
50	Multilaboratory Evaluation of a Viability Assay for Measurement of Opsonophagocytic Antibodies Specific to the Capsular Polysaccharides of <i>Streptococcus pneumoniae</i> . <i>Vaccine Journal</i> , 2003, 10, 1019-1024.	3.1	59
51	Efficiency of a Pneumococcal Opsonophagocytic Killing Assay Improved by Multiplexing and by Coloring Colonies. <i>Vaccine Journal</i> , 2003, 10, 616-621.	3.1	53
52	Relation of Age, Race, and Allotype to Immunoglobulin Subclass Concentrations. <i>Pediatric Research</i> , 1985, 19, 846-849.	2.3	52
53	Long-term Comparative Immunogenicity of Protein Conjugate and Free Polysaccharide Pneumococcal Vaccines in Chronic Obstructive Pulmonary Disease. <i>Clinical Infectious Diseases</i> , 2012, 55, e35-e44.	5.8	50
54	Repertoire of Human Antibodies against the Polysaccharide Capsule of <i>Streptococcus pneumoniae</i> Serotype 6B. <i>Infection and Immunity</i> , 1999, 67, 1172-1179.	2.2	50

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55	Simplified method to automatically count bacterial colony forming unit. <i>Journal of Immunological Methods</i> , 2005, 302, 99-102.	1.4	49
56	The effect of age on the response to the pneumococcal polysaccharide vaccine. <i>BMC Infectious Diseases</i> , 2010, 10, 60.	2.9	48
57	Development of an Automated and Multiplexed Serotyping Assay for <i>Streptococcus pneumoniae</i> . <i>Vaccine Journal</i> , 2011, 18, 1900-1907.	3.1	48
58	From Quellung to Multiplex PCR, and Back When Needed, in Pneumococcal Serotyping. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2727-2731.	3.9	47
59	Genetic, Biochemical, and Serological Characterization of a New Pneumococcal Serotype, 6H, and Generation of a Pneumococcal Strain Producing Three Different Capsular Repeat Units. <i>Vaccine Journal</i> , 2015, 22, 313-318.	3.1	47
60	Low Invasiveness of Pneumococcal Serotype 11A Is Linked to Ficolin-2 Recognition of O-acetylated Capsule Epitopes and Lectin Complement Pathway Activation. <i>Journal of Infectious Diseases</i> , 2014, 210, 1155-1165.	4.0	45
61	Development of experimental carbohydrate-conjugate vaccines composed of <i>Streptococcus pneumoniae</i> capsular polysaccharides and the universal helper T-lymphocyte epitope (PADREÂ®). <i>Vaccine</i> , 2004, 22, 2362-2367.	3.8	44
62	Pneumococcal Vaccination for Patients With COPD. <i>Chest</i> , 2008, 133, 767-774.	0.8	44
63	Production of a unique pneumococcal capsule serotype belonging to serogroup 6. <i>Microbiology (United Kingdom)</i> , 2009, 155, 576-583.	1.8	43
64	Issues and challenges in the development of pneumococcal protein vaccines. <i>Expert Review of Vaccines</i> , 2012, 11, 279-285.	4.4	42
65	Measuring immune responses to pneumococcal vaccines. <i>Journal of Immunological Methods</i> , 2018, 461, 37-43.	1.4	41
66	Structural, Genetic, and Serological Elucidation of <i>Streptococcus pneumoniae</i> Serogroup 24 Serotypes: Discovery of a New Serotype, 24C, with a Variable Capsule Structure. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0054021.	3.9	41
67	Avidity, Potency, and Cross-Reactivity of Monoclonal Antibodies to Pneumococcal Capsular Polysaccharide Serotype 6B. <i>Infection and Immunity</i> , 2001, 69, 336-344.	2.2	38
68	Type III Group B Streptococcal Polysaccharide Induces Antibodies That Cross-React with <i>Streptococcus pneumoniae</i> Type 14. <i>Infection and Immunity</i> , 2002, 70, 1724-1738.	2.2	38
69	Rapid Multiplex Assay for Serotyping Pneumococci with Monoclonal and Polyclonal Antibodies. <i>Journal of Clinical Microbiology</i> , 2005, 43, 156-162.	3.9	38
70	Population-Based Analysis of Invasive Nontypeable Pneumococci Reveals That Most Have Defective Capsule Synthesis Genes. <i>PLoS ONE</i> , 2014, 9, e97825.	2.5	38
71	Development of a multi-specificity opsonophagocytic killing assay. <i>Vaccine</i> , 2000, 18, 2768-2771.	3.8	37
72	Validation of a Multiplex Pneumococcal Serotyping Assay with Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2006, 44, 383-388.	3.9	36

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73	Influence of Asthma Status on Serotype-Specific Pneumococcal Antibody Levels. <i>Postgraduate Medicine</i> , 2010, 122, 116-124.	2.0	36
74	Rarely Occurring 19A-Like <i>cps</i> Locus from a Serotype 19F Pneumococcal Isolate Indicates Continued Need of Serology-Based Quality Control for PCR-Based Serotype Determinations. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2353-2354.	3.9	35
75	Pneumococcal Serotypes Causing Pneumonia with Pleural Effusion in Pediatric Patients. <i>Journal of Clinical Microbiology</i> , 2011, 49, 534-538.	3.9	35
76	Pneumococcal polysaccharide vaccine at 12 months of age produces functional immune responses. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 794-800.e2.	2.9	35
77	<i>Streptococcus pneumoniae</i> Serotype 11D Has a Bispecific Glycosyltransferase and Expresses Two Different Capsular Polysaccharide Repeating Units. <i>Journal of Biological Chemistry</i> , 2013, 288, 21945-21954.	3.4	34
78	Elucidation of Structural and Antigenic Properties of Pneumococcal Serotype 11A, 11B, 11C, and 11F Polysaccharide Capsules. <i>Journal of Bacteriology</i> , 2011, 193, 5271-5278.	2.2	33
79	Differential Occurrence of <i>Streptococcus pneumoniae</i> Serotype 11E Between Asymptomatic Carriage and Invasive Pneumococcal Disease Isolates Reflects a Unique Model of Pathogen Microevolution. <i>Clinical Infectious Diseases</i> , 2012, 54, 794-799.	5.8	32
80	The Human Antibody V Region Repertoire to the Type B Capsular Polysaccharide of <i>Haemophilus influenzae</i> . <i>International Reviews of Immunology</i> , 1992, 9, 45-55.	3.3	31
81	Development, Interlaboratory Evaluations, and Application of a Simple, High-Throughput <i>Shigella</i> Serum Bactericidal Assay. <i>MSphere</i> , 2018, 3, .	2.9	31
82	Monoclonal antibodies to mouse MHC antigens. <i>Immunogenetics</i> , 1984, 19, 169-173.	2.4	29
83	PspA Family Distribution, unlike Capsular Serotype, Remains Unaltered following Introduction of the Heptavalent Pneumococcal Conjugate Vaccine. <i>Vaccine Journal</i> , 2012, 19, 891-896.	3.1	29
84	Immune Responses to pneumococcal vaccines in children and adults: Rationale for age-specific vaccination. , 2012, 3, 51-67.		29
85	The evolution of immune memory and germinal centers. <i>Trends in Immunology</i> , 1992, 13, 438-441.	7.5	28
86	Peptide Mimotopes of Pneumococcal Capsular Polysaccharide of 6B Serotype: A Peptide Mimotope Can Bind to Two Unrelated Antibodies. <i>Journal of Immunology</i> , 2002, 168, 6273-6278.	0.8	28
87	Safety of varying dosages of 7-valent pneumococcal protein conjugate vaccine in seniors previously vaccinated with 23-valent pneumococcal polysaccharide vaccine. <i>Vaccine</i> , 2005, 23, 3697-3703.	3.8	28
88	Nasopharyngeal Pneumococcal Carriage of Children Attending Day Care Centers in Korea: Comparison between Children Immunized with 7-valent Pneumococcal Conjugate Vaccine and Non-immunized. <i>Journal of Korean Medical Science</i> , 2011, 26, 184.	2.5	28
89	Structure of the Capsular Polysaccharide of Pneumococcal Serotype 11A Reveals a Novel Acetylglycerol That Is the Structural Basis for 11A Subtypes. <i>Journal of Biological Chemistry</i> , 2009, 284, 7318-7329.	3.4	27
90	Structural Characterization of <i>Streptococcus pneumoniae</i> Serotype 9A Capsule Polysaccharide Reveals Role of Glycosyl 6-O-Acetyltransferase <i>wcjE</i> in Serotype 9V Capsule Biosynthesis and Immunogenicity. <i>Journal of Biological Chemistry</i> , 2012, 287, 13996-14003.	3.4	27

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91	Novel Pneumococcal Serotypes 6C and 6D: Anomaly or Harbinger. <i>Clinical Infectious Diseases</i> , 2012, 55, 1379-1386.	5.8	27
92	SURVEY OF NONSUSCEPTIBLE NASOPHARYNGEAL STREPTOCOCCUS PNEUMONIAE ISOLATES IN CHILDREN ATTENDING DAY-CARE CENTERS IN BRAZIL. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 77-79.	2.0	26
93	Low opsonic activity to the infecting serotype in pediatric patients with invasive pneumococcal disease. <i>Vaccine</i> , 2013, 31, 845-849.	3.8	26
94	Pneumococcus with the <i>cps</i> Locus Produces Serotype 6B Capsular Polysaccharide. <i>Journal of Clinical Microbiology</i> , 2016, 54, 967-971.	3.9	26
95	Immunologic and clinical status of blood donors with subnormal levels of IgG2. <i>Journal of Allergy and Clinical Immunology</i> , 1990, 85, 769-777.	2.9	25
96	Properties of Human Follicular Dendritic Cells Purified with HJ2, a New Monoclonal Antibody. <i>Cellular Immunology</i> , 1994, 155, 27-41.	3.0	25
97	A Modified Farr Assay Is More Specific than ELISA for Measuring Antibodies to Streptococcus pneumoniae Capsular Polysaccharides. <i>Journal of Infectious Diseases</i> , 1996, 173, 113-118.	4.0	25
98	Comparison of a Classical Phagocytosis Assay and a Flow Cytometry Assay for Assessment of the Phagocytic Capacity of Sera from Adults Vaccinated with a Pneumococcal Conjugate Vaccine. <i>Vaccine Journal</i> , 2001, 8, 245-250.	2.6	25
99	Blood Collection Tubes Influence Serum Ficolin-1 and Ficolin-2 Levels. <i>Vaccine Journal</i> , 2014, 21, 51-55.	3.1	25
100	Monoacyl Lipoteichoic Acid from Pneumococci Stimulates Human Cells but Not Mouse Cells. <i>Infection and Immunity</i> , 2005, 73, 834-840.	2.2	24
101	Spectrum of Pneumococcal Serotype 11A Variants Results from Incomplete Loss of Capsule <i>O</i> -Acetylation. <i>Journal of Clinical Microbiology</i> , 2014, 52, 758-765.	3.9	24
102	Functional properties of human germinal center B cells. <i>Cellular Immunology</i> , 1992, 140, 331-344.	3.0	23
103	Invasive and Noninvasive Streptococcus pneumoniae Capsule and Surface Protein Diversity following the Use of a Conjugate Vaccine. <i>Vaccine Journal</i> , 2013, 20, 1711-1718.	3.1	23
104	Towards New Broader Spectrum Pneumococcal Vaccines: The Future of Pneumococcal Disease Prevention. <i>Vaccines</i> , 2014, 2, 112-128.	4.4	23
105	Streptococcus pneumoniae Serotype 9A Isolates Contain Diverse Mutations to <i>wjE</i> That Result in Variable Expression of Serotype 9V-specific Epitope. <i>Journal of Infectious Diseases</i> , 2011, 204, 1585-1595.	4.0	22
106	Modified Opsonization, Phagocytosis, and Killing Assays To Measure Potentially Protective Antibodies against Pneumococcal Surface Protein A. <i>Vaccine Journal</i> , 2013, 20, 1549-1558.	3.1	22
107	Peripheral CD4 T follicular cells induced by a conjugated pneumococcal vaccine correlate with enhanced opsonophagocytic antibody responses in younger individuals. <i>Vaccine</i> , 2020, 38, 1778-1786.	3.8	22
108	Non-typeable Streptococcus pneumoniae carriage isolates genetically similar to invasive and carriage isolates expressing capsular type 14 in Brazilian infants. <i>Journal of Infection</i> , 2010, 61, 314-322.	3.3	21

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109	Effect of prior vaccination on carriage rates of <i>Streptococcus pneumoniae</i> in older adults: A longitudinal surveillance study. <i>Vaccine</i> , 2018, 36, 4304-4310.	3.8	21
110	Indirect Effects of Pneumococcal Conjugate Vaccines in National Immunization Programs for Children on Adult Pneumococcal Disease. <i>Infection and Chemotherapy</i> , 2016, 48, 257.	2.3	20
111	Germinal Center T Cells Exhibit Properties of Memory Helper T Cells. <i>Cellular Immunology</i> , 1995, 163, 206-214.	3.0	19
112	Nonencapsulated <i>Streptococcus pneumoniae</i> Cause Acute Otitis Media in the Chinchilla That Is Enhanced by Pneumococcal Surface Protein K. <i>Open Forum Infectious Diseases</i> , 2014, 1, ofu037.	0.9	19
113	Correlation of serum immunoglobulin subclass concentrations with antibody responses of children to immunization with <i>Haemophilus influenzae</i> type b polysaccharide-pertussis vaccine. <i>Journal of Clinical Immunology</i> , 1985, 5, 390-395.	3.8	18
114	Acquired, but Not Innate, Immune Responses to <i>Streptococcus pneumoniae</i> Are Compromised by Neutralization of CD40L. <i>Infection and Immunity</i> , 2000, 68, 511-517.	2.2	18
115	Antibody to the Type 3 Capsule Facilitates Immune Adherence of Pneumococci to Erythrocytes and Augments Their Transfer to Macrophages. <i>Infection and Immunity</i> , 2009, 77, 464-471.	2.2	18
116	Synthesis, Conjugation, and Immunological Evaluation of the Serogroup 6 Pneumococcal Oligosaccharides. <i>ChemBioChem</i> , 2009, 10, 2893-2899.	2.6	18
117	The Pneumococcal Serotype 15C Capsule Is Partially O-Acetylated and Allows for Limited Evasion of 23-Valent Pneumococcal Polysaccharide Vaccine-Elicited Anti-Serotype 15B Antibodies. <i>Vaccine Journal</i> , 2017, 24, .	3.1	18
118	Identification of a Simple Chemical Structure Associated with Protective Human Antibodies against Multiple Pneumococcal Serogroups. <i>Infection and Immunity</i> , 2009, 77, 3374-3379.	2.2	17
119	Molecular epidemiology of nonencapsulated <i>Streptococcus pneumoniae</i> among Japanese children with acute otitis media. <i>Journal of Infection and Chemotherapy</i> , 2016, 22, 72-77.	1.7	17
120	Peptide Mimic of Phosphorylcholine, a Dominant Epitope Found on <i>Streptococcus pneumoniae</i> . <i>Infection and Immunity</i> , 2000, 68, 5778-5784.	2.2	16
121	Flavopiridol Induces Apoptosis and Caspase-3 Activation of a Newly Characterized Burkitt's Lymphoma Cell Line Containing Mutant P53 Genes. <i>Blood Cells, Molecules, and Diseases</i> , 2001, 27, 610-624.	1.4	16
122	The influence of maternal immunization on light chain response to <i>Haemophilus influenzae</i> type b vaccine. <i>Vaccine</i> , 2003, 21, 3393-3397.	3.8	16
123	Active Immunization with Pneumolysin versus 23-Valent Polysaccharide Vaccine for <i>Streptococcus pneumoniae</i> Keratitis. , 2011, 52, 9232.		16
124	Impaired Function of Antibodies to Pneumococcal Surface Protein A but Not to Capsular Polysaccharide in Mexican American Adults with Type 2 Diabetes Mellitus. <i>Vaccine Journal</i> , 2012, 19, 1360-1369.	3.1	16
125	The 7-valent pneumococcal conjugate vaccine elicits cross-functional opsonophagocytic killing responses to <i>Streptococcus pneumoniae</i> serotype 6D in children. <i>BMC Infectious Diseases</i> , 2013, 13, 474.	2.9	16
126	Draft Genome Sequences of Five Multilocus Sequence Types of Nonencapsulated <i>Streptococcus pneumoniae</i> . <i>Genome Announcements</i> , 2013, 1, .	0.8	16

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127	WciG O -Acetyltransferase Functionality Differentiates Pneumococcal Serotypes 35C and 42. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2775-2784.	3.9	16
128	Capsule Promotes Intracellular Survival and Vascular Endothelial Cell Translocation during Invasive Pneumococcal Disease. <i>MBio</i> , 2021, 12, e0251621.	4.1	16
129	Immunogenic Protein Contaminants in Pneumococcal Vaccines. <i>Journal of Infectious Diseases</i> , 2003, 187, 1019-1023.	4.0	15
130	Lipoprotein Lipase and Hydrofluoric Acid Deactivate Both Bacterial Lipoproteins and Lipoteichoic Acids, but Platelet-Activating Factor-Acetylhydrolase Degrades Only Lipoteichoic Acids. <i>Vaccine Journal</i> , 2009, 16, 1187-1195.	3.1	15
131	Position of O-Acetylation within the Capsular Repeat Unit Impacts the Biological Properties of Pneumococcal Serotypes 33A and 33F. <i>Infection and Immunity</i> , 2017, 85, .	2.2	15
132	Type distribution of serogroup 6 <i>Streptococcus pneumoniae</i> and molecular epidemiology of newly identified serotypes 6C and 6D in China. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 70, 291-298.	1.8	14
133	Impact of Preceding Flu-Like Illness on the Serotype Distribution of Pneumococcal Pneumonia. <i>PLoS ONE</i> , 2014, 9, e93477.	2.5	14
134	Randomized clinical trial of a single versus a double dose of 13-valent pneumococcal conjugate vaccine in adults 55 through 74 years of age previously vaccinated with 23-valent pneumococcal polysaccharide vaccine. <i>Vaccine</i> , 2018, 36, 606-614.	3.8	14
135	Putative novel cps loci in a large global collection of pneumococci. <i>Microbial Genomics</i> , 2019, 5, .	2.0	14
136	Antigenic similarities of rat and mouse IgG subclasses associated with anti-carbohydrate specificities. <i>Immunogenetics</i> , 1980, 11-11, 199-203.	2.4	13
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