Stephen J Barenkamp

List of Publications by Year
in descending order

70	4,363	159585 30	114465 63
papers	citations	h-index	g-index

76	76	76	2609
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Subtyping Isolates of Haemophilus influenzae Type b by Outer-Membrane Protein Profiles. Journal of Infectious Diseases, 1981, 143, 668-676.	4.0	399
2	Severe Community-acquired Pneumonia Due toStaphylococcus aureus, 2003â€“04 Influenza Season. Emerging Infectious Diseases, 2006, 12, 894-899.	4.3	361
3	Efficacy of an Acellular Pertussis Vaccine among Adolescents and Adults. New England Journal of Medicine, 2005, 353, 1555-1563.	27.0	331
4	High-molecular-weight proteins of nontypable Haemophilus influenzae mediate attachment to human epithelial cells.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 2875-2879.	7.1	241
5	Randomized, Controlled Trial of Antibiotics in the Management of Community-Acquired Skin Abscesses in the Pediatric Patient. Annals of Emergency Medicine, 2010, 55, 401-407.	0.6	182
6	Purification and comparison of outer membrane protein P2 from Haemophilus influenzae type b isolates.. Journal of Clinical Investigation, 1983, 72, 677-684.	8.2	168
7	Identification of a second family of high-molecular-weight adhesion proteins expressed by non-typable Haemophilus influenzae. Molecular Microbiology, 1996, 19, 1215-1223.	2.5	156
8	The Haemophilus influenzae HMW1 adhesin is glycosylated in a process that requires HMW1C and phosphoglucomutase, an enzyme involved in lipooligosaccharide biosynthesis. Molecular Microbiology, 2003, 48, 737-751.	2.5	152
9	Immune Responses and Antibody Decay after Immunization of Adolescents and Adults with an Acellular Pertussis Vaccine: The APERT Study. Journal of Infectious Diseases, 2004, 190, 535-544.	4.0	141
10	Prevalence and Distribution of the hmw and hia Genes and the HMW and Hia Adhesins among Genetically Diverse Strains of Nontypeable Haemophilus influenzae. Infection and Immunity, 1998, 66, 364-368.	2.2	130
11	Characterization of the genetic locus encoding Haemophilus influenzae type b surface fibrils. Journal of Bacteriology, 1996, 178, 6281-6287.	2.2	123
12	A biphasic epigenetic switch controls immunoevasion, virulence and niche adaptation in non-typeable Haemophilus influenzae. Nature Communications, 2015, 6, 7828.	12.8	117
13	Bordetella PertussisInfections in Vaccinated and Unvaccinated Adolescents and Adults, as Assessed in a National Prospective Randomized Acellular Pertussis Vaccine Trial (APERT). Clinical Infectious Diseases, 2006, 43, 151-157.	5.8	102
14	Outer-Membrane Protein Subtypes of Haemophilus influenzae Type band Spread of Disease in Day-Care Centers. Journal of Infectious Diseases, 1981, 144, 210-217.	4.0	100
15	Development of serum bactericidal activity following nontypable Haemophilus influenzae acute otitis media. Pediatric Infectious Disease Journal, 1990, 9, 333-338.	2.0	99
16	Variation in expression of the Haemophilus influenzae HMW adhesins: A prokaryotic system reminiscent of eukaryotes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 1077-1082.	7.1	97
17	Recurrent Variable Region Gene Usage and Somatic Mutation in the Human Antibody Response to the Capsular Polysaccharide of Streptococcus pneumoniae Type 23F. Infection and Immunity, 2002, 70, 4083-4091.	2.2	90
18	Synthesis and Characterization of Lipooligosaccharide-Based Conjugates as Vaccine Candidates for Moraxella (Branhamella) catarrhalis. Infection and Immunity, 1998, 66, 1891-1897.	2.2	78

#	Article	IF	Citations
19	The Haemophilus influenzae Hia autotransporter harbours two adhesive pockets that reside in the passenger domain and recognize the same host cell receptor. Molecular Microbiology, 2002, 46, 731-743.	2.5	77
20	Early recurrences of otitis media: Reinfection or relapse?. Journal of Pediatrics, 1987, 110, 20-25.	1.8	74
21	The Haemophilus influenzae Hia Autotransporter Contains an Unusually Short Trimeric Translocator Domain. Journal of Biological Chemistry, 2004, 279, 14679-14685.	3.4	73
22	Age-Associated Differences in Immunoglobulin G1 (IgG1) and IgG2 Subclass Antibodies to Pneumococcal Polysaccharides following Vaccination. Infection and Immunity, 1999, 67, 4935-4938.	2.2	73
23	Do children with recurrent Haemophilus influenzae otitis media become infected with a new organism or reacquire the original strain?. Journal of Pediatrics, 1984, 105, 533-537.	1.8	67
24	Somatic Hypermutation and Diverse Immunoglobulin Gene Usage in the Human Antibody Response to the Capsular Polysaccharide of S treptococcus pneumoniae Type 6B. Infection and Immunity, 2004, 72, 3505-3514.	2.2	58
25	Comparison of Outer-Membrane Protein Subtypes and Biotypes of Isolates of Haemophilus influenzae Type b. Journal of Infectious Diseases, 1981, 144, 480-480.	4.0	54
26	Pharyngeal colonization with Haemophilus influenzae type b in children in a day care center without invasive disease. Journal of Pediatrics, 1985, 106, 712-716.	1.8	45
27	Evolutionary and Functional Relationships among the Nontypeable Haemophilus influenzae HMW Family of Adhesins. Journal of Bacteriology, 2004, 186, 4209-4217.	2.2	44
28	Selection and Counterselection of Hia Expression Reveals a Key Role for Phase-Variable Expression of Hia in Infection Caused by NontypeableHaemophilus influenzae. Journal of Infectious Diseases, 2015, 212, 645-653.	4.0	40
29	High-Molecular-Weight Surface-Exposed Proteins of Haemophilus Influenzae Mediate Binding to Macrophages. Journal of Infectious Diseases, 1994, 169, 425-429.	4.0	39
30	Surgical Treatment of Hematogenous Vertebral Aspergillus Osteomyelitis. Spine, 1990, 15, 281-285.	2.0	37
31	Nosocomial spread of Haemophilus influenzaetype b infection documented by outer membrane protein subtype analysis. Journal of Pediatrics, 1983, 102, 820-824.	1.8	32
32	Prevalence of Antibody toBordetella pertussisAntigens in Serum Specimens Obtained from 1793 Adolescents and Adults. Clinical Infectious Diseases, 2004, 39, 1715-1718.	5.8	30
33	Antibodies Specific for the High-Molecular-Weight Adhesion Proteins of Nontypeable Haemophilus influenzae Are Opsonophagocytic for both Homologous and Heterologous Strains. Vaccine Journal, 2006, 13, 1333-1342.	3.1	30
34	Antibodies Specific for the Hia Adhesion Proteins of NontypeableHaemophilus influenzaeMediate Opsonophagocytic Activity. Vaccine Journal, 2009, 16, 1040-1046.	3.1	29
35	Up-Regulation of MUC18 in Airway Epithelial Cells by IL-13. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 606-613.	2.9	29
36	Panel 6: Vaccines. Otolaryngology - Head and Neck Surgery, 2013, 148, E90-101.	1.9	28

#	Article	IF	Citations
37	Evaluation of Chlamydia pneumoniae and Mycoplasma pneumoniae as Etiologic Agents of Persistent Cough in Adolescents and Adults. Journal of Clinical Microbiology, 2002, 40, 637-640.	3.9	25
38	Successful treatment of a staphylococcal endocarditis vegetation with tissue plasminogen activator. Journal of Pediatrics, 1998, 132, 535-537.	1.8	23
39	HumanAntibodies Specific for the High-Molecular-Weight Adhesion Proteins ofNontypeable Haemophilus influenzae Mediate OpsonophagocyticActivity. Infection and Immunity, 2003, 71, 6884-6891.	2.2	23
40	6. Vaccine. Annals of Otology, Rhinology and Laryngology, 2005, 114, 86-103.	1.1	23
41	Antibodies to the HMW1/HMW2 and Hia Adhesins of Nontypeable Haemophilus influenzae Mediate Broad-Based Opsonophagocytic Killing of Homologous and Heterologous Strains. Vaccine Journal, 2014, 21, 613-621.	3.1	22
42	Outer membrane protein subtypes and investigation of recurrent Haemophilus influenzae type b disease. Journal of Pediatrics, 1982, 100, 202-208.	1.8	21
43	Outer Membrane Protein Subtypes and Biotypes of Haemophilus influenzae Type b: Relation Between Strains Isolated in 1934-1954 and 1977-1980. Journal of Infectious Diseases, 1983, 148, 1127-1127.	4.0	21
44	The HMW2 adhesin of non-typeable Haemophilus influenzae is a human-adapted lectin that mediates high-affinity binding to 2â€“6 linked N-acetylneuraminic acid glycans. Biochemical and Biophysical Research Communications, 2018, 503, 1103-1107.	2.1	20
45	Nontypeable Haemophilus influenzae Has Evolved Preferential Use of N- Acetylneuraminic Acid as a Host Adaptation. MBio, 2019, 10, .	4.1	20
46	Rationale and Prospects for a Nontypable Haemophilus influenzae Vaccine. Pediatric Infectious Disease Journal, 2004, 23, 461-462.	2.0	19
47	Panel 6: Vaccines. Otolaryngology - Head and Neck Surgery, 2017, 156, S76-S87.	1.9	19
48	Editorial Commentary: Respiratory Viruses and Otitis Media in Young Children. Clinical Infectious Diseases, 2015, 60, 10-11.	5.8	16
49	Immunogenicity of Nontypeable Haemophilus influenzae Outer Membrane Vesicles and Protective Ability in the Chinchilla Model of Otitis Media. Vaccine Journal, 2017, 24, .	3.1	16
50	Panel 5. Otolaryngology - Head and Neck Surgery, 2013, 148, E64-E89.	1.9	15
51	Neonatal Meningitis due toMorganella morganii. Clinical Pediatrics, 2013, 52, 462-464.	0.8	14
52	Construction and Immunogenicity of Recombinant Adenovirus Vaccines Expressing the HMW1, HMW2, or Hia Adhesion Protein of Nontypeable Haemophilus influenzae. Vaccine Journal, 2010, 17, 1567-1575.	3.1	13
53	Incidence and persistence of Haemophilus influenzaetype b upper airway colonization in patients with meningitis. Journal of Pediatrics, 1985, 107, 555-557.	1.8	12
54	6. Microbiology and Immunology. Annals of Otology, Rhinology and Laryngology, 2002, 111, 62-81.	1.1	12

#	Article	IF	Citations
55	Safety and Immunogenicity of Haemophilus Influenzae Type B Polysaccharide or Conjugate Vaccines in an Elderly Adult Population. Journal of the American Geriatrics Society, 2004, 52, 1883-1887.	2.6	12
56	5. Microbiology and Immunology. Annals of Otology, Rhinology and Laryngology, 2005, 114, 60-85.	1.1	11
57	An outbreak of toxoplasmosis on an Illinois farm. Pediatric Infectious Disease Journal, 1984, 3, 518-522.	2.0	10
58	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, .	4.1	10
59	Outer Membrane Proteins and Lipopolysaccharides of Nontypeable Haemophilus influenzae. Journal of Infectious Diseases, 1992, 165, S181-S184.	4.0	9
60	Neonatal neutrophils stimulated by group B Streptococcus induce a proinflammatory T-helper cell bias. Pediatric Research, 2018, 83, 739-746.	2.3	9
61	Naturally Acquired HMW1- and HMW2-Specific Serum Antibodies in Adults and Children Mediate Opsonophagocytic Killing of Nontypeable Haemophilus influenzae. Vaccine Journal, 2016, 23, 37-46.	3.1	8
62	Recurrent Meningitis in an Adult Due to Nontypable Haemophilus influenzae. Journal of Infectious Diseases, 1984, 149, 656-656.	4.0	6
63	Panel 4: Report of the Microbiology Panel. Otolaryngology - Head and Neck Surgery, 2017, 156, S51-S62.	1.9	6
64	5. Animal Models of Otitis Media. Annals of Otology, Rhinology and Laryngology, 1989, 98, 33-38.	1.1	4
65	An Unusual Cause of Acute Polyarticular Arthritis. Clinical Pediatrics, 2009, 48, 220-223.	0.8	3
66	A New Human Colonization Model for Nontypeable Haemophilus influenzae. Journal of Infectious Diseases, 2013, 208, 717-719.	4.0	3
67	7. Vaccine. Annals of Otology, Rhinology and Laryngology, 2002, 111, 82-94.	1.1	1
68	Implementing Guidelines for the Treatment of Acute Otitis Media. Advances in Pediatrics, 2006, 53, 241-254.	1.4	1
69	50 Years Ago in The Journal of Pediatrics. Journal of Pediatrics, 2013, 162, 469.	1.8	0
70	HAEMOPHILUS INFLUENZAE. , 2009, , 1734-1756.		0