Keith P Klugman

List of Publications by Year
in descending order

347 papers	23,019 citations	10070 75 h-index	12272 138 g-index
353 all docs	353 docs citations	353 times ranked	19247 citing authors

#	Article	IF	Citations
1	Access to effective antimicrobials: a worldwide challenge. Lancet, The, 2016, 387, 168-175.	6.3	933
2	A Trial of a 9-Valent Pneumococcal Conjugate Vaccine in Children with and Those without HIV Infection. New England Journal of Medicine, 2003, 349, 1341-1348.	13.9	926
3	Rapid Pneumococcal Evolution in Response to Clinical Interventions. Science, 2011, 331, 430-434.	6.0	828
4	Global burden of respiratory infections due to seasonal influenza in young children: a systematic review and meta-analysis. Lancet, The, 2011, 378, 1917-1930.	6.3	789
5	Antimicrobial resistance in developing countries. Part I: recent trends and current status. Lancet Infectious Diseases, The, 2005, 5, 481-493.	4.6	624
6	Pneumococcal Capsules and Their Types: Past, Present, and Future. Clinical Microbiology Reviews, 2015, 28, 871-899.	5.7	557
7	A role for Streptococcus pneumoniae in virus-associated pneumonia. Nature Medicine, 2004, 10, 811-813.	15.2	516
8	Antibiotic Therapy for Klebsiella pneumoniae Bacteremia: Implications of Production of Extended-Spectrum Â-Lactamases. Clinical Infectious Diseases, 2004, 39, 31-37.	2.9	512
9	Immunogenicity and Impact on Nasopharyngeal Carriage of a Nonavalent Pneumococcal Conjugate Vaccine. Journal of Infectious Diseases, 1999, 180, 1171-1176.	1.9	487
10	Community-Acquired Klebsiella pneumoniae Bacteremia: Global Differences in Clinical Patterns. Emerging Infectious Diseases, 2002, 8, 160-166.	2.0	476
11	Influenza Vaccination of Pregnant Women and Protection of Their Infants. New England Journal of Medicine, 2014, 371, 918-931.	13.9	463
12	An International Prospective Study of Pneumococcal Bacteremia: Correlation with In Vitro Resistance, Antibiotics Administered, and Clinical Outcome. Clinical Infectious Diseases, 2003, 37, 230-237.	2.9	426
13	Combination Antibiotic Therapy Lowers Mortality among Severely Ill Patients with Pneumococcal Bacteremia. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 440-444.	2.5	421
14	Standard method for detecting upper respiratory carriage of Streptococcus pneumoniae: Updated recommendations from the World Health Organization Pneumococcal Carriage Working Group. Vaccine, 2013, 32, 165-179.	1.7	374
15	Effects of Vaccination on Invasive Pneumococcal Disease in South Africa. New England Journal of Medicine, 2014, 371, 1889-1899.	13.9	308
16	Association of Serotype with Risk of Death Due to Pneumococcal Pneumonia: A Metaâ€Analysis. Clinical Infectious Diseases, 2010, 51, 692-699.	2.9	297
17	Virulence Characteristics ofKlebsiellaand Clinical Manifestations ofK. pneumoniaeBloodstream Infections. Emerging Infectious Diseases, 2007, 13, 986-993.	2.0	263
18	Increased Disease Burden and Antibiotic Resistance of Bacteria Causing Severe Community-Acquired Lower Respiratory Tract Infections in Human Immunodeficiency Virus Type 1-Infected Children. Clinical Infectious Diseases, 2000, 31, 170-176.	2.9	232

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19	Maternal Influenza Immunization and Reduced Likelihood of Prematurity and Small for Gestational Age Births: A Retrospective Cohort Study. PLoS Medicine, 2011, 8, e1000441.	3.9	225
20	Antimicrobial resistance in developing countries. Part II: strategies for containment. Lancet Infectious Diseases, The, 2005, 5, 568-580.	4.6	221
21	Increased Antimicrobial Resistance Among Nonvaccine Serotypes of Streptococcus pneumoniae in the Pediatric Population After the Introduction of 7-Valent Pneumococcal Vaccine in the United States. Pediatric Infectious Disease Journal, 2007, 26, 123-128.	1.1	207
22	Impact of Pneumococcal Conjugate Vaccination of Infants on Pneumonia and Influenza Hospitalization and Mortality in All Age Groups in the United States. MBio, 2011, 2, e00309-10.	1.8	201
23	The Impact of a 9-Valent Pneumococcal Conjugate Vaccine on the Public Health Burden of Pneumonia in HIV-Infected and -Uninfected Children. Clinical Infectious Diseases, 2005, 40, 1511-1518.	2.9	189
24	Effect of 13-valent pneumococcal conjugate vaccine on admissions to hospital 2 years after its introduction in the USA: a time series analysis. Lancet Respiratory Medicine,the, 2014, 2, 387-394.	5.2	183
25	Sequence Diversity of the Factor H Binding Protein Vaccine Candidate in Epidemiologically Relevant Strains of Serogroup BNeisseria meningitidis. Journal of Infectious Diseases, 2009, 200, 379-389.	1.9	180
26	International genomic definition of pneumococcal lineages, to contextualise disease, antibiotic resistance and vaccine impact. EBioMedicine, 2019, 43, 338-346.	2.7	168
27	Prevalence of maternal colonisation with group B streptococcus: a systematic review and meta-analysis. Lancet Infectious Diseases, The, 2016, 16, 1076-1084.	4.6	167
28	Pneumococcal lineages associated with serotype replacement and antibiotic resistance in childhood invasive pneumococcal disease in the post-PCV13 era: an international whole-genome sequencing study. Lancet Infectious Diseases, The, 2019, 19, 759-769.	4.6	165
29	Rationale for Revised Penicillin Susceptibility Breakpoints versusStreptococcus pneumoniae:Coping with Antimicrobial Susceptibility in an Era of Resistance. Clinical Infectious Diseases, 2009, 48, 1596-1600.	2.9	163
30	High Nasopharyngeal Pneumococcal Density, Increased by Viral Coinfection, Is Associated With Invasive Pneumococcal Pneumonia. Journal of Infectious Diseases, 2014, 210, 1649-1657.	1.9	163
31	Increased burden of respiratory viral associated severe lower respiratory tract infections in children infected with human immunodeficiency virus type-1. Journal of Pediatrics, 2000, 137, 78-84.	0.9	162
32	Pneumococcal vaccination in developing countries. Lancet, The, 2006, 367, 1880-1882.	6.3	158
33	Outpatient Antibiotic Prescribing and Nonsusceptible Streptococcus pneumoniae in the United States, 1996-2003. Clinical Infectious Diseases, 2011, 53, 631-639.	2.9	151
34	The Remaining Challenge of Pneumonia. Pediatric Infectious Disease Journal, 2011, 30, 1-2.	1.1	145
35	Historical Changes in Pneumococcal Serogroup Distribution: Implications for the Era of Pneumococcal Conjugate Vaccines. Clinical Infectious Diseases, 2002, 35, 547-555.	2.9	143
36	Association between Respiratory Syncytial Virus Activity and Pneumococcal Disease in Infants: A Time Series Analysis of US Hospitalization Data. PLoS Medicine, 2015, 12, e1001776.	3.9	143

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37	Impact of human immunodeficiency virus type 1 on the disease spectrum of Streptococcus pneumoniae in South African children. Pediatric Infectious Disease Journal, 2000, 19, 1141-1147.	1.1	142
38	Impact of existing vaccines in reducing antibiotic resistance: Primary and secondary effects. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12896-12901.	3.3	141
39	Novel Mechanism of Resistance to Oxazolidinones, Macrolides, and Chloramphenicol in Ribosomal Protein L4 of the Pneumococcus. Antimicrobial Agents and Chemotherapy, 2005, 49, 3554-3557.	1.4	138
40	Influence of bacterial interactions on pneumococcal colonization of the nasopharynx. Trends in Microbiology, 2013, 21, 129-135.	3.5	134
41	Fitness Costs of Fluoroquinolone Resistance in Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 2007, 51, 412-416.	1.4	133
42	The LuxS-Dependent Quorum-Sensing System Regulates Early Biofilm Formation by Streptococcus pneumoniae Strain D39. Infection and Immunity, 2011, 79, 4050-4060.	1.0	133
43	Development of the Respiratory Index of Severity in Children (RISC) Score among Young Children with Respiratory Infections in South Africa. PLoS ONE, 2012, 7, e27793.	1.1	126
44	Pneumococcal pneumonia and influenza: A deadly combination. Vaccine, 2009, 27, C9-C14.	1.7	120
45	Alterations in PBP 1A Essential for High-Level Penicillin Resistance in Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 1998, 42, 1329-1333.	1.4	115
46	Efficacy of pneumococcal conjugate vaccines and their effect on carriage and antimicrobial resistance. Lancet Infectious Diseases, The, 2001, 1, 85-91.	4.6	115
47	The impact of HIV on Streptococcus pneumoniae bacteraemia in a South African population. Aids, 1998, 12, 2177-2184.	1.0	114
48	Bacterial Pathogens and Death during the 1918 Influenza Pandemic. New England Journal of Medicine, 2009, 361, 2582-2583.	13.9	114
49	Human Metapneumovirus-Associated Lower Respiratory Tract Infections among Hospitalized Human Immunodeficiency Virus Type 1 (HIV-1)-Infected and HIV-1-Uninfected African Infants. Clinical Infectious Diseases, 2003, 37, 1705-1710.	2.9	113
50	Evidence for Soft Selective Sweeps in the Evolution of Pneumococcal Multidrug Resistance and Vaccine Escape. Genome Biology and Evolution, 2014, 6, 1589-1602.	1.1	112
51	Emergence and Spread ofStreptococcus pneumoniaewitherm(B) andmef(A) Resistance. Emerging Infectious Diseases, 2005, 11, 851-867.	2.0	108
52	Levofloxacin-Resistant Invasive Streptococcus pneumoniae in the United States: Evidence for Clonal Spread and the Impact of Conjugate Pneumococcal Vaccine. Antimicrobial Agents and Chemotherapy, 2004, 48, 3491-3497.	1.4	107
53	Hidden Epidemic of Macrolide-resistant Pneumococci. Emerging Infectious Diseases, 2005, 11, 802-807.	2.0	105
54	Streptococcus pneumoniaeBlood Culture Isolates from Patients with and without Human Immunodeficiency Virus Infection: Alterations in Penicillin Susceptibilities and in Serogroups or Serotypes. Clinical Infectious Diseases, 1997, 25, 1165-1172.	2.9	103

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55	LACK OF UTILITY OF SEROTYPING MULTIPLE COLONIES FOR DETECTION OF SIMULTANEOUS NASOPHARYNGEAL CARRIAGE OF DIFFERENT PNEUMOCOCCAL SEROTYPES. Pediatric Infectious Disease Journal, 2000, 19, 1017-1020.	1.1	103
56	A framework for global surveillance of antibiotic resistance. Drug Resistance Updates, 2011, 14, 79-87.	6.5	101
57	Childhood pneumonia in developing countries. Lancet Respiratory Medicine,the, 2013, 1, 574-584.	5.2	100
58	Emergence of Streptococcus pneumoniae with Very-High-Level Resistance to Penicillin. Antimicrobial Agents and Chemotherapy, 2004, 48, 3016-3023.	1.4	99
59	The PneuCarriage Project: A Multi-Centre Comparative Study to Identify the Best Serotyping Methods for Examining Pneumococcal Carriage in Vaccine Evaluation Studies. PLoS Medicine, 2015, 12, e1001903.	3.9	96
60	Quorum-Sensing Systems LuxS/Autoinducer 2 and Com Regulate Streptococcus pneumoniae Biofilms in a Bioreactor with Living Cultures of Human Respiratory Cells. Infection and Immunity, 2013, 81, 1341-1353.	1.0	94
61	Increased risk of invasive bacterial infections in African people with sickle-cell disease: a systematic review and meta-analysis. Lancet Infectious Diseases, The, 2010, 10, 329-337.	4.6	93
62	Guidelines for Empiric Antimicrobial Prescribing in Community-Acquired Pneumonia. Chest, 2004, 125, 1888-1901.	0.4	92
63	Quantitative and Qualitative Antibody Response to Pneumococcal Conjugate Vaccine Among African Human Immunodeficiency Virus-Infected and Uninfected Children. Pediatric Infectious Disease Journal, 2005, 24, 410-416.	1.1	91
64	Novel Approaches to the Identification ofStreptococcus pneumoniaeas the Cause of Communityâ€Acquired Pneumonia. Clinical Infectious Diseases, 2008, 47, S202-S206.	2.9	91
65	Increased Risk for and Mortality From Invasive Pneumococcal Disease in HIV-Exposed but Uninfected Infants Aged <1 Year in South Africa, 2009â€“2013. Clinical Infectious Diseases, 2015, 60, 1346-1356.	2.9	91
66	Reduced effectiveness of Haemophilus influenzae type b conjugate vaccine in children with a high prevalence of human immunodeficiency virus type 1 infection. Pediatric Infectious Disease Journal, 2002, 21, 315-321.	1.1	88
67	Emergence of Endemic Serogroup W135 Meningococcal Disease Associated with a High Mortality Rate in South Africa. Clinical Infectious Diseases, 2008, 46, 377-386.	2.9	88
68	COVID-19 pneumonia and the appropriate use of antibiotics. The Lancet Global Health, 2020, 8, e1453-e1454.	2.9	87
69	Usefulness of C-Reactive Protein to Define Pneumococcal Conjugate Vaccine Efficacy in the Prevention of Pneumonia. Pediatric Infectious Disease Journal, 2006, 25, 30-36.	1.1	85
70	Density Interactions Among Streptococcus pneumoniae, Haemophilus influenzae and Staphylococcus aureus in the Nasopharynx of Young Peruvian Children. Pediatric Infectious Disease Journal, 2013, 32, 72-77.	1.1	85
71	HIV and pneumococcal disease. Current Opinion in Infectious Diseases, 2007, 20, 11-15.	1.3	82
72	The adult nasopharyngeal microbiome as a determinant of pneumococcal acquisition. Microbiome, 2014, 2, 44.	4.9	82

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73	Increased Prevalence of Pediatric Pneumococcal Serotypes in Elderly Adults. Clinical Infectious Diseases, 2005, 41, 481-487.	2.9	81
74	Public health and economic impact of the 13-valent pneumococcal conjugate vaccine (PCV13) in the United States. Vaccine, 2010, 28, 7634-7643.	1.7	80
75	Epidemiology of Invasive Pneumococcal Disease Among High-Risk Adults Since the Introduction of Pneumococcal Conjugate Vaccine for Children. Clinical Infectious Diseases, 2013, 56, e59-e67.	2.9	79
76	Alterations in MurM, a Cell Wall Muropeptide Branching Enzyme, Increase High-Level Penicillin and Cephalosporin Resistance in Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 2001, 45, 2393-2396.	1.4	78
77	Role of Streptococcus pneumoniae in Hospitalization for Acute Community-acquired Pneumonia Associated With Culture-confirmed Mycobacterium tuberculosis in Children. Pediatric Infectious Disease Journal, 2010, 29, 1099-1104.	1.1	77
78	Chlorhexidine maternal-vaginal and neonate body wipes in sepsis and vertical transmission of pathogenic bacteria in South Africa: a randomised, controlled trial. Lancet, The, 2009, 374, 1909-1916.	6.3	76
79	Serotype 19F Multiresistant Pneumococcal Clone Harboring Two Erythromycin Resistance Determinants [erm (B) and mef (A)] in South Africa. Antimicrobial Agents and Chemotherapy, 2001, 45, 1595-1598.	1.4	75
80	Analysis of Penicillin-Binding Protein Genes of Clinical Isolates of Streptococcus pneumoniae with Reduced Susceptibility to Amoxicillin. Antimicrobial Agents and Chemotherapy, 2002, 46, 2349-2357.	1.4	75
81	Increasing prevalence of penicillin-resistant pneumococcal infections in children in southern Israel. Pediatric Infectious Disease Journal, 1994, 13, 782-786.	1.1	74
82	Defining the Estimated Core Genome of Bacterial Populations Using a Bayesian Decision Model. PLoS Computational Biology, 2014, 10, e1003788.	1.5	72
83	Surveillance for Antimicrobial Drug Resistance in Under-Resourced Countries. Emerging Infectious Diseases, 2014, 20, 434-441.	2.0	72
84	Recommendations for treatment of childhood non-severe pneumonia. Lancet Infectious Diseases, The, 2009, 9, 185-196.	4.6	70
85	The Battle against Emerging Antibiotic Resistance: Should Fluoroquinolones Be Used to Treat Children?. Clinical Infectious Diseases, 2002, 35, 721-727.	2.9	69
86	Lower respiratory tract infections associated with influenza A and B viruses in an area with a high prevalence of pediatric human immunodeficiency type 1 infection. Pediatric Infectious Disease Journal, 2002, 21, 291-297.	1.1	69
87	Bacteremic Pneumococcal Pneumonia in HIV-Seropositive and HIV-Seronegative Adults. Chest, 1999, 116, 107-114.	0.4	67
88	Ineffectiveness of Trimethoprimâ€Sulfamethoxazole Prophylaxis and the Importance of Bacterial and Viral Coinfections in African Children withPneumocystis cariniiPneumonia. Clinical Infectious Diseases, 2002, 35, 1120-1126.	2.9	67
89	Novel Role for the Streptococcus pneumoniae Toxin Pneumolysin in the Assembly of Biofilms. MBio, 2013, 4, e00655-13.	1.8	67
90	The Role of Influenza and Parainfluenza Infections in Nasopharyngeal Pneumococcal Acquisition Among Young Children. Clinical Infectious Diseases, 2014, 58, 1369-1376.	2.9	67

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91	In Vitro Evaluation of the Antimicrobial Activity of Ceftaroline against Cephalosporin-Resistant Isolates of Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 2009, 53, 552-556.	1.4	65
92	The impact of antiretroviral treatment on the burden of invasive pneumococcal disease in South African children: a time series analysis. Aids, 2011, 25, 453-462.	1.0	65
93	Efficacy of Maternal Influenza Vaccination Against All-Cause Lower Respiratory Tract Infection Hospitalizations in Young Infants: Results From a Randomized Controlled Trial. Clinical Infectious Diseases, 2017, 65, 1066-1071.	2.9	65
94	Human Metapneumovirus Genetic Variability, South Africa. Emerging Infectious Diseases, 2005, 11, 1074-1078.	2.0	64
95	Increased incidence of meningococcal disease in HIV-infected individuals associated with higher case-fatality ratios in South Africa. Aids, 2010, 24, 1351-1360.	1.0	64
96	Bacteraemic pneumococcal pneumonia: Impact of HIV on clinical presentation and outcome. Journal of Infection, 2007, 55, 125-135.	1.7	63
97	Nasopharyngeal carriage and antimicrobial resistance in isolates of Streptococcus pneumoniae and Haemophilus influenzae type b in children under 5 years of age in Botswana. International Journal of Infectious Diseases, 1998, 3, 18-25.	1.5	62
98	The role of influenza in the severity and transmission of respiratory bacterial disease. Lancet Respiratory Medicine,the, 2014, 2, 750-763.	5.2	62
99	Differing manifestations of respiratory syncytial virus-associated severe lower respiratory tract infections in human immunodeficiency virus type 1-infected and uninfected children. Pediatric Infectious Disease Journal, 2001, 20, 164-170.	1.1	62
100	Rapid Detection of Penicillin-Resistant Streptococcus pneumoniae in Cerebrospinal Fluid by a Seminested-PCR Strategy. Journal of Clinical Microbiology, 1998, 36, 453-457.	1.8	61
101	Five-year cohort study of hospitalization for respiratory syncytial virus associated lower respiratory tract infection in African children. Journal of Clinical Virology, 2006, 36, 215-221.	1.6	60
102	Quinolone treatment for pediatric bacterial meningitis: a comparative study of trovafloxacin and ceftriaxone with or without vancomycin. Pediatric Infectious Disease Journal, 2002, 21, 14-22.	1.1	59
103	Global practices of meningococcal vaccine use and impact on invasive disease. Pathogens and Global Health, 2014, 108, 11-20.	1.0	59
104	Immunogenicity after one, two or three doses and impact on the antibody response to coadministered antigens of a nonavalent pneumococcal conjugate vaccine in infants of Soweto, South Africa. Pediatric Infectious Disease Journal, 2002, 21, 1004-1007.	1.1	58
105	Emergence of levofloxacin-non-susceptible Streptococcus pneumoniae and treatment for multidrug-resistant tuberculosis in children in South Africa: a cohort observational surveillance study. Lancet, The, 2008, 371, 1108-1113.	6.3	57
106	Vaccination to reduce antimicrobial resistance. The Lancet Global Health, 2017, 5, e1176-e1177.	2.9	56
107	Molecular Basis of Rifampin Resistance in Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 1999, 43, 2361-2365.	1.4	51
108	Streptococcus pneumoniae respiratory tract infections. Current Opinion in Infectious Diseases, 2001, 14, 173-179.	1.3	51

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109	Seasonality, Incidence, and Repeat Human Metapneumovirus Lower Respiratory Tract Infections in an Area With a High Prevalence of Human Immunodeficiency Virus Type-1 Infection. Pediatric Infectious Disease Journal, 2007, 26, 693-699.	1.1	51
110	Temporal Changes in Pneumococcal Colonization in a Rural African Community With High HIV Prevalence Following Routine Infant Pneumococcal Immunization. Pediatric Infectious Disease Journal, 2013, 32, 1270-1278.	1.1	50
111	Impact of human immunodeficiency virus type 1 infection on the epidemiology and outcome of bacterial Meningitis in South African children. International Journal of Infectious Diseases, 2001, 5, 119-125.	1.5	49
112	Three Predominant Clones Identified Within Penicillin-Resistant South African Isolates of Streptococcus pneumoniae. Microbial Drug Resistance, 1997, 3, 385-389.	0.9	48
113	Aeromonas Species Isolated from Medicinal Leeches. Annals of Plastic Surgery, 1999, 42, 275-279.	0.5	48
114	Fluoroquinolone resistance among clinical isolates of Streptococcus pneumoniae belonging to international multiresistant clones. Journal of Antimicrobial Chemotherapy, 2002, 49, 173-176.	1.3	48
115	Pneumococcal Vaccines and Flu Preparedness. Science, 2007, 316, 49c-50c.	6.0	48
116	Communicating trends in resistance using a drug resistance index. BMJ Open, 2011, 1, e000135-e000135.	0.8	48
117	Nasopharyngeal Pneumococcal Density and Evolution of Acute Respiratory Illnesses in Young Children, Peru, 2009â€“2011. Emerging Infectious Diseases, 2016, 22, 1996-1999.	2.0	48
118	Persistent High Burden of Invasive Pneumococcal Disease in South African HIV-Infected Adults in the Era of an Antiretroviral Treatment Program. PLoS ONE, 2011, 6, e27929.	1.1	47
119	Effectiveness of the 13-valent pneumococcal conjugate vaccine against invasive pneumococcal disease in South African children: a case-control study. The Lancet Global Health, 2017, 5, e359-e369.	2.9	47
120	Gender as a Risk Factor for Both Antibiotic Resistance and Infection with Pediatric Serogroups/Serotypes, in HIVâ€Infected and â€Uninfected Adults with Pneumococcal Bacteremia. Journal of Infectious Diseases, 2004, 189, 1996-2000.	1.9	45
121	Novel Expansions of the Gene Encoding Dihydropteroate Synthase in Trimethoprim-Sulfamethoxazole-Resistant Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 1999, 43, 2225-2230.	1.4	44
122	Spread of the Spanish Multi-Resistant Serotype 23F Clone of Streptococcus pneumoniae to Seoul, Korea. Microbial Drug Resistance, 1997, 3, 253-257.	0.9	43
123	Evernimicin (SCH27899) Inhibits a Novel Ribosome Target Site: Analysis of 23S Ribosomal DNA Mutants. Antimicrobial Agents and Chemotherapy, 2000, 44, 3101-3106.	1.4	43
124	Acquisition of Chloramphenicol Resistance by the Linearization and Integration of the Entire Staphylococcal Plasmid pC194 into the Chromosome of Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 2000, 44, 393-395.	1.4	43
125	Impact of Haemophilus influenzae Type b Conjugate Vaccine in South Africa and Argentina. Pediatric Infectious Disease Journal, 2004, 23, 842-847.	1.1	42
126	Clinical Epidemiology of Bocavirus, Rhinovirus, Two Polyomaviruses and Four Coronaviruses in HIV-Infected and HIV-Uninfected South African Children. PLoS ONE, 2014, 9, e86448.	1.1	42

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127	New Gene Cassettes for Trimethoprim Resistance, dfr13 , and Streptomycin-Spectinomycin Resistance, aadA4 , Inserted on a Class 1 Integron. Antimicrobial Agents and Chemotherapy, 2000, 44, 355-361.	1.4	41
128	Mutations in Ribosomal Protein L16 Conferring Reduced Susceptibility to Evernimicin (SCH27899): Implications for Mechanism of Action. Antimicrobial Agents and Chemotherapy, 2000, 44, 732-738.	1.4	41
129	Systemic Shigellosis in South Africa. Clinical Infectious Diseases, 2012, 54, 1448-1454.	2.9	41
130	HIV Infection and the Epidemiology of Invasive Pneumococcal Disease (IPD) in South African Adults and Older Children Prior to the Introduction of a Pneumococcal Conjugate Vaccine (PCV). PLoS ONE, 2016, 11, e0149104.	1.1	40
131	Efficacy, duration of protection, birth outcomes, and infant growth associated with influenza vaccination in pregnancy: a pooled analysis of three randomised controlled trials. Lancet Respiratory Medicine,the, 2020, 8, 597-608.	5.2	40
132	Effectiveness of 7-Valent Pneumococcal Conjugate Vaccine Against Invasive Pneumococcal Disease in HIV-Infected and -Uninfected Children in South Africa: A Matched Case-Control Study. Clinical Infectious Diseases, 2014, 59, 808-818.	2.9	39
133	Within-host microevolution of Streptococcus pneumoniae is rapid and adaptive during natural colonisation. Nature Communications, 2020, 11, 3442.	5.8	39
134	Increased Nasopharyngeal Density and Concurrent Carriage of Streptococcus pneumoniae, Haemophilus influenzae, and Moraxella catarrhalis Are Associated with Pneumonia in Febrile Children. PLoS ONE, 2016, 11, e0167725.	1.1	39
135	Epidemiology, Control and Treatment of Multiresistant Pneumococci. Drugs, 1996, 52, 42-46.	4.9	38
136	Susceptibility of Yersinia pestis to novel and conventional antimicrobial agents. Journal of Antimicrobial Chemotherapy, 2003, 52, 294-296.	1.3	38
137	Amino Acid Mutations Essential to Production of an Altered PBP 2X Conferring High-Level Î²-Lactam Resistance in a Clinical Isolate of Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 2005, 49, 4622-4627.	1.4	37
138	Meningococcal Disease in South Africa, 1999â€“2002. Emerging Infectious Diseases, 2007, 13, 273-281.	2.0	37
139	Estimated severe pneumococcal disease cases and deaths before and after pneumococcal conjugate vaccine introduction in children younger than 5 years of age in South Africa. PLoS ONE, 2017, 12, e0179905.	1.1	37
140	The Role of Clonality in the Global Spread of Fluoroquinoloneâ€Resistant Bacteria. Clinical Infectious Diseases, 2003, 36, 783-785.	2.9	36
141	Invasive Pneumococcal Pneumonia and Respiratory Virus Co-infections. Emerging Infectious Diseases, 2012, 18, 294-297.	2.0	36
142	Pneumococcal colonisation density: a new marker for disease severity in HIV-infected adults with pneumonia. BMJ Open, 2014, 4, e005953-e005953.	0.8	36
143	The Relevance of a Novel Quantitative Assay to Detect up to 40 Major Streptococcus pneumoniae Serotypes Directly in Clinical Nasopharyngeal and Blood Specimens. PLoS ONE, 2016, 11, e0151428.	1.1	36
144	Acquisition of Streptococcus pneumoniae in Pneumococcal Conjugate Vaccine-naÃ¯ve South African Children and Their Mothers. Pediatric Infectious Disease Journal, 2013, 32, e192-e205.	1.1	35

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145	The Emergence of Bacterial â€œHopeful Monstersâ€• MBio, 2014, 5, e01550-14.	1.8	35
146	Use of Procalcitonin and C-Reactive Protein to Evaluate Vaccine Efficacy against Pneumonia. PLoS Medicine, 2005, 2, e38.	3.9	34
147	EMERGENCE OF DRUG RESISTANCE. Infectious Disease Clinics of North America, 1999, 13, 637-646.	1.9	33
148	Antimicrobial susceptibility and molecular epidemiology of Streptococcus pneumoniae isolated from Shanghai, China. International Journal of Antimicrobial Agents, 2008, 32, 386-391.	1.1	33
149	Genomic Load from Sputum Samples and Nasopharyngeal Swabs for Diagnosis of Pneumococcal Pneumonia in HIV-Infected Adults. Journal of Clinical Microbiology, 2014, 52, 4224-4229.	1.8	33
150	Surveillance of the impact of pneumococcal conjugate vaccines in developing countries. Human Vaccines and Immunotherapeutics, 2016, 12, 417-420.	1.4	33
151	Neonatal typhoid fever. Pediatric Infectious Disease Journal, 1994, 13, 774-776.	1.1	32
152	Telithromycin Resistance in Streptococcus pneumoniae Is Conferred by a Deletion in the Leader Sequence of erm (B) That Increases rRNA Methylation. Antimicrobial Agents and Chemotherapy, 2008, 52, 435-440.	1.4	32
153	Antibiotic non-susceptibility among Streptococcus pneumoniae and Haemophilus influenzae isolates identified in African cohorts: a meta-analysis of three decades of published studies. International Journal of Antimicrobial Agents, 2013, 42, 482-491.	1.1	32
154	Clinical and Microbiological Features ofSalmonellaMeningitis in a South African Population, 2003â€“2013. Clinical Infectious Diseases, 2015, 61, S272-S282.	2.9	32
155	Nasopharyngeal Pneumococcal Density during Asymptomatic Respiratory Virus Infection and Risk for Subsequent Acute Respiratory Illness. Emerging Infectious Diseases, 2019, 25, 2040-2047.	2.0	32
156	Low prevalence of fluoroquinolone resistant strains and resistance precursor strains in Streptococcus pneumoniae from patients with community-acquired pneumonia despite high fluoroquinolone usage. International Journal of Medical Microbiology, 2011, 301, 53-57.	1.5	31
157	Seasonality of respiratory viruses causing hospitalizations for acute respiratory infections in children in Nha Trang, Vietnam. International Journal of Infectious Diseases, 2018, 75, 18-25.	1.5	31
158	Antibiotic Susceptibility Patterns of Streptococcus pneumoniae in China and Comparison of MICs by Agar Dilution and E-Test Methods. Antimicrobial Agents and Chemotherapy, 1998, 42, 2633-2636.	1.4	30
159	Prevalence of First-Step Mutants among Levofloxacin-Susceptible Invasive Isolates of Streptococcus pneumoniae in the United States. Antimicrobial Agents and Chemotherapy, 2006, 50, 1561-1563.	1.4	30
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