

Stuart C Clarke

List of Publications by Year in descending order

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108
papers

3,984
citations

159585

30
h-index

138484

58
g-index

112
all docs

112
docs citations

112
times ranked

5538
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Meningococcal Serogroup C Conjugate Vaccines on Carriage and Herd Immunity. <i>Journal of Infectious Diseases</i> , 2008, 197, 737-743.	4.0	395
2	Secondary Bacterial Infections Associated with Influenza Pandemics. <i>Frontiers in Microbiology</i> , 2017, 8, 1041.	3.5	395
3	Longitudinal profiling of the lung microbiome in the AERIS study demonstrates repeatability of bacterial and eosinophilic COPD exacerbations. <i>Thorax</i> , 2018, 73, 422-430.	5.6	201
4	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. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 759-769.	9.1	165
5	A prospective, observational cohort study of the seasonal dynamics of airway pathogens in the aetiology of exacerbations in COPD. <i>Thorax</i> , 2017, 72, 919-927.	5.6	152
6	Low-Dose Nitric Oxide as Targeted Anti-biofilm Adjunctive Therapy to Treat Chronic <i>Pseudomonas aeruginosa</i> Infection in Cystic Fibrosis. <i>Molecular Therapy</i> , 2017, 25, 2104-2116.	8.2	149
7	Five winters of pneumococcal serotype replacement in UK carriage following PCV introduction. <i>Vaccine</i> , 2015, 33, 2015-2021.	3.8	130
8	Interlaboratory Comparison of PCR-Based Identification and Genogrouping of <i>Neisseria meningitidis</i> . <i>Journal of Clinical Microbiology</i> , 2005, 43, 144-149.	3.9	89
9	Presence of Nonhemolytic Pneumolysin in Serotypes of <i>Streptococcus pneumoniae</i> Associated with Disease Outbreaks. <i>Journal of Infectious Diseases</i> , 2007, 196, 936-944.	4.0	83
10	Global emergence and population dynamics of divergent serotype 3 CC180 pneumococci. <i>PLoS Pathogens</i> , 2018, 14, e1007438.	4.7	74
11	Identification of Invasive Serotype 1 Pneumococcal Isolates That Express Nonhemolytic Pneumolysin. <i>Journal of Clinical Microbiology</i> , 2006, 44, 151-159.	3.9	72
12	Current methods for capsular typing of <i>Streptococcus pneumoniae</i> . <i>Journal of Microbiological Methods</i> , 2015, 113, 41-49.	1.6	70
13	Declining serotype coverage of new pneumococcal conjugate vaccines relating to the carriage of <i>Streptococcus pneumoniae</i> in young children. <i>Vaccine</i> , 2011, 29, 4400-4404.	3.8	69
14	The rise and fall of pneumococcal serotypes carried in the PCV era. <i>Vaccine</i> , 2017, 35, 1293-1298.	3.8	68
15	Impact and associations of eosinophilic inflammation in COPD: analysis of the AERIS cohort. <i>European Respiratory Journal</i> , 2017, 50, 1700853.	6.7	68
16	Multilocus Sequence Typing: Data Analysis in Clinical Microbiology and Public Health. <i>Molecular Biotechnology</i> , 2005, 29, 245-254.	2.4	67
17	Genetic Analysis of Diverse Disease-Causing Pneumococci Indicates High Levels of Diversity within Serotypes and Capsule Switching. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5681-5688.	3.9	65
18	Invasive Pneumococcal Disease in Scotland, 1999-2001: Use of Record Linkage to Explore Associations between Patients and Disease in Relation to Future Vaccination Policy. <i>Clinical Infectious Diseases</i> , 2003, 37, 1283-1291.	5.8	64

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19	Meningococcal carriage in adolescents in the United Kingdom to inform timing of an adolescent vaccination strategy. <i>Journal of Infection</i> , 2015, 71, 43-52.	3.3	61
20	Genomic Diversity between Strains of the Same Serotype and Multilocus Sequence Type among Pneumococcal Clinical Isolates. <i>Infection and Immunity</i> , 2006, 74, 3513-3518.	2.2	50
21	The upper respiratory tract microbiome of indigenous Orang Asli in north-eastern Peninsular Malaysia. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 1.	6.4	49
22	The impact and effectiveness of pneumococcal vaccination in Scotland for those aged 65 and over during winter 2003/2004. <i>BMC Infectious Diseases</i> , 2008, 8, 53.	2.9	48
23	Nucleotide sequence-based typing of bacteria and the impact of automation. <i>BioEssays</i> , 2002, 24, 858-862.	2.5	47
24	Changes in Serogroup and Genotype Prevalence Among Carried Meningococci in the United Kingdom During Vaccine Implementation. <i>Journal of Infectious Diseases</i> , 2011, 204, 1046-1053.	4.0	44
25	Pronounced Metabolic Changes in Adaptation to Biofilm Growth by <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2014, 9, e107015.	2.5	42
26	Pyrosequencing: Sequence Typing at the Speed of Light. <i>Molecular Biotechnology</i> , 2004, 28, 129-138.	2.4	40
27	Nasal self-swabbing for estimating the prevalence of <i>Staphylococcus aureus</i> in the community. <i>Journal of Medical Microbiology</i> , 2013, 62, 437-440.	1.8	39
28	Intracellular residency of <i>Staphylococcus aureus</i> within mast cells in nasal polyps: A novel observation. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1648-1651.e5.	2.9	39
29	Global funding trends for malaria research in sub-Saharan Africa: a systematic analysis. <i>The Lancet Global Health</i> , 2017, 5, e772-e781.	6.3	39
30	13-valent pneumococcal conjugate vaccine (PCV13). <i>Hum Vaccin</i> , 2011, 7, 1012-1018.	2.4	35
31	Automated Pneumococcal MLST Using Liquid-Handling Robotics and a Capillary DNA Sequencer. <i>Molecular Biotechnology</i> , 2003, 24, 303-308.	2.4	32
32	Pyrosequencing: nucleotide sequencing technology with bacterial genotyping applications. <i>Expert Review of Molecular Diagnostics</i> , 2005, 5, 947-953.	3.1	31
33	Increased Genetic Diversity of <i>Neisseria meningitidis</i> Isolates after the Introduction of Meningococcal Serogroup C Polysaccharide Conjugate Vaccines. <i>Journal of Clinical Microbiology</i> , 2005, 43, 4649-4653.	3.9	30
34	Increase in Serotype 6C Pneumococcal Carriage, United Kingdom. <i>Emerging Infectious Diseases</i> , 2010, 16, 154-155.	4.3	30
35	<i>Acinetobacter</i> spp. Infections in Malaysia: A Review of Antimicrobial Resistance Trends, Mechanisms and Epidemiology. <i>Frontiers in Microbiology</i> , 2017, 8, 2479.	3.5	30
36	Relationships between Mucosal Antibodies, Non-Typeable <i>Haemophilus influenzae</i> (NTHi) Infection and Airway Inflammation in COPD. <i>PLoS ONE</i> , 2016, 11, e0167250.	2.5	30

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37	Pneumococcal conjugate vaccine implementation in middle-income countries. <i>Pneumonia (Nathan Qld) Tj ETQq1</i> 1,0,784314,rgBT /Ove	6.1	28
38	Low Concentrations of Nitric Oxide Modulate <i>Streptococcus pneumoniae</i> Biofilm Metabolism and Antibiotic Tolerance. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2456-2466.	3.2	27
39	Death or survival from invasive pneumococcal disease in Scotland: associations with serogroups and multilocus sequence types. <i>Journal of Medical Microbiology</i> , 2011, 60, 793-802.	1.8	27
40	Automation of a fluorescence-based multiplex PCR for the laboratory confirmation of common bacterial pathogens. <i>Journal of Medical Microbiology</i> , 2004, 53, 115-117.	1.8	26
41	Risk of Red Queen dynamics in pneumococcal vaccine strategy. <i>Trends in Microbiology</i> , 2011, 19, 377-381.	7.7	26
42	Pre-vaccine serotype composition within a lineage signposts its serotype replacement “ a carriage study over 7 years following pneumococcal conjugate vaccine use in the UK. <i>Microbial Genomics</i> , 2017, 3, e000119.	2.0	26
43	Relationship of CT-quantified emphysema, small airways disease and bronchial wall dimensions with physiological, inflammatory and infective measures in COPD. <i>Respiratory Research</i> , 2018, 19, 31.	3.6	25
44	Impact of radiologically stratified exacerbations: insights into pneumonia aetiology in COPD. <i>Respiratory Research</i> , 2018, 19, 143.	3.6	25
45	Molecular methods for the detection and characterization of <i>Neisseria meningitidis</i> . <i>Expert Review of Molecular Diagnostics</i> , 2006, 6, 79-87.	3.1	24
46	Lifestyle risk factors for invasive pneumococcal disease: a systematic review. <i>BMJ Open</i> , 2014, 4, e005224-e005224.	1.9	22
47	Clonal Expansion within Pneumococcal Serotype 6C after Use of Seven-Valent Vaccine. <i>PLoS ONE</i> , 2013, 8, e64731.	2.5	21
48	Novel Clones of <i>Streptococcus pneumoniae</i> Causing Invasive Disease in Malaysia. <i>PLoS ONE</i> , 2014, 9, e97912.	2.5	21
49	Cephalosporin-NO-donor prodrug PYRRO-C3D shows \hat{I}^2 -lactam - mediated activity against <i>Streptococcus pneumoniae</i> biofilms. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 65, 43-49.	2.7	21
50	The role of interspecies recombination in the evolution of antibiotic-resistant pneumococci. <i>ELife</i> , 2021, 10, .	6.0	21
51	The Impact of Meningococcal Serogroup C Conjugate Vaccine in Scotland. <i>Clinical Infectious Diseases</i> , 2004, 39, 349-356.	5.8	20
52	Nucleotide sequence-based typing of meningococci directly from clinical samples. <i>Journal of Medical Microbiology</i> , 2003, 52, 505-508.	1.8	19
53	The adhesins of non-typeable <i>Haemophilus influenzae</i> . <i>Expert Review of Anti-Infective Therapy</i> , 2018, 16, 187-196.	4.4	19
54	Duration of intravenous antibiotic therapy for children with acute osteomyelitis or septic arthritis: a feasibility study. <i>Health Technology Assessment</i> , 2017, 21, 1-164.	2.8	19

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55	Pneumococcal 13-valent conjugate vaccine for the prevention of invasive pneumococcal disease in children and adults. <i>Expert Review of Vaccines</i> , 2012, 11, 889-902.	4.4	18
56	Control of pneumococcal disease in the United Kingdom – the start of a new era. <i>Journal of Medical Microbiology</i> , 2006, 55, 975-980.	1.8	18
57	Acute Exacerbation and Respiratory InfectionS in COPD (AERIS): protocol for a prospective, observational cohort study. <i>BMJ Open</i> , 2014, 4, e004546.	1.9	17
58	Drivers of year-to-year variation in exacerbation frequency of COPD: analysis of the AERIS cohort. <i>ERJ Open Research</i> , 2019, 5, 00248-2018.	2.6	16
59	Biocide susceptibilities and biofilm-forming capacities of <i>Acinetobacter baumannii</i> clinical isolates from Malaysia. <i>Journal of Infection in Developing Countries</i> , 2019, 13, 626-633.	1.2	16
60	Trends in serotypes and sequence types among cases of invasive pneumococcal disease in Scotland, 1999–2010. <i>Vaccine</i> , 2014, 32, 4356-4363.	3.8	15
61	Risk factor profiles and clinical outcomes for children and adults with pneumococcal infections in Singapore: A need to expand vaccination policy?. <i>PLoS ONE</i> , 2019, 14, e0220951.	2.5	15
62	Mapping pneumonia research: A systematic analysis of UK investments and published outputs 1997–2013. <i>EBioMedicine</i> , 2015, 2, 1193-1199.	6.1	14
63	The nasopharyngeal microbiome. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 297-312.	2.6	14
64	Patients with Chronic Obstructive Pulmonary Disease harbour a variation of <i>Haemophilus</i> species. <i>Scientific Reports</i> , 2018, 8, 14734.	3.3	14
65	Complete Genome Sequencing of <i>Acinetobacter baumannii</i> AC1633 and <i>Acinetobacter nosocomialis</i> AC1530 Unveils a Large Multidrug-Resistant Plasmid Encoding the NDM-1 and OXA-58 Carbapenemases. <i>MSphere</i> , 2021, 6, .	2.9	14
66	The Use of Hydrolysis and Hairpin Probes in Real-Time PCR. <i>Molecular Biotechnology</i> , 2003, 25, 267-274.	2.4	13
67	Distribution of carried pneumococcal clones in UK children following the introduction of the 7-valent pneumococcal conjugate vaccine: A 3-year cross-sectional population based analysis. <i>Vaccine</i> , 2013, 31, 3187-3190.	3.8	13
68	Genetic diversity of <i>Streptococcus pneumoniae</i> causing meningitis and sepsis in Singapore during the first year of PCV7 implementation. <i>Emerging Microbes and Infections</i> , 2014, 3, 1-7.	6.5	13
69	What a Load of Old Sequence!!!. <i>Journal of Clinical Microbiology</i> , 2002, 40, 2707-2707.	3.9	12
70	Global Distribution of Invasive Serotype 35D <i>Streptococcus pneumoniae</i> Isolates following Introduction of 13-Valent Pneumococcal Conjugate Vaccine. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	12
71	A mosaic tetracycline resistance gene tet(S/M) detected in an MDR pneumococcal CC230 lineage that underwent capsular switching in South Africa. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 512-520.	3.0	12
72	Immune reconstitution in children following chemotherapy for acute leukemia. <i>EJHaem</i> , 2020, 1, 142-151.	1.0	12

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73	Pneumococcal vaccine impacts on the population genomics of non-typeable <i>Haemophilus influenzae</i> . <i>Microbial Genomics</i> , 2018, 4, .	2.0	12
74	Detection of <i>Neisseria meningitidis</i> , <i>Streptococcus pneumoniae</i> , and <i>Haemophilus influenzae</i> in Blood and Cerebrospinal Fluid Using Fluorescence-Based PCR. , 2006, 345, 69-78.		11
75	Elucidating the survival and response of carbapenem resistant <i>Klebsiella pneumoniae</i> after exposure to imipenem at sub-lethal concentrations. <i>Pathogens and Global Health</i> , 2018, 112, 378-386.	2.3	11
76	<i>Neisseria meningitidis</i> Sequence Type and Risk for Death, Iceland. <i>Emerging Infectious Diseases</i> , 2006, 12, 1066-1073.	4.3	10
77	Potential Impact of Conjugate Vaccine on the Incidence of Invasive Pneumococcal Disease among Children in Scotland. <i>Journal of Clinical Microbiology</i> , 2006, 44, 1224-1228.	3.9	10
78	The epidemiology of pneumococcal carriage and infections in Malaysia. <i>Expert Review of Anti-Infective Therapy</i> , 2012, 10, 707-719.	4.4	10
79	Pneumococci causing invasive disease in children prior to the introduction of pneumococcal conjugate vaccine in Scotland. <i>Journal of Medical Microbiology</i> , 2006, 55, 1079-1084.	1.8	9
80	Investment in pneumonia and pneumococcal research. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1037-1038.	9.1	9
81	Vaccination in Southeast Asia – Reducing meningitis, sepsis and pneumonia with new and existing vaccines. <i>Vaccine</i> , 2014, 32, 4119-4123.	3.8	9
82	Serotype distribution of invasive, non-invasive and carried <i>Streptococcus pneumoniae</i> in Malaysia: a meta-analysis. <i>Pneumonia (Nathan Qld)</i> , 2021, 13, 9.	6.1	9
83	Genotypic Characterization of <i>Neisseria meningitidis</i> Using Pyrosequencing. <i>Molecular Biotechnology</i> , 2004, 28, 139-146.	2.4	8
84	Genotypic characterization of <i>Streptococcus pneumoniae</i> serotype 19F in Malaysia. <i>Infection, Genetics and Evolution</i> , 2014, 21, 391-394.	2.3	8
85	Parallel Evolution in <i>Streptococcus pneumoniae</i> Biofilms. <i>Genome Biology and Evolution</i> , 2016, 8, 1316-1326.	2.5	8
86	Comparative Genomics of Carriage and Disease Isolates of <i>Streptococcus pneumoniae</i> Serotype 22F Reveals Lineage-Specific Divergence and Niche Adaptation. <i>Genome Biology and Evolution</i> , 2016, 8, 1243-1251.	2.5	8
87	Antibiotic resistance in invasive <i>Streptococcus pneumoniae</i> isolates identified in Scotland between 1999 and 2007. <i>Journal of Medical Microbiology</i> , 2010, 59, 1212-1218.	1.8	7
88	Thirteen-Valent Pneumococcal Conjugate Vaccine in Children With Acute Lymphoblastic Leukemia: Protective Immunity Can Be Achieved on Completion of Treatment. <i>Clinical Infectious Diseases</i> , 2020, 71, 1271-1280.	5.8	7
89	Development of X-ray micro-focus computed tomography to image and quantify biofilms in central venous catheter models in vitro. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1629-1640.	1.8	7
90	Vaccine preventable meningitis in Malaysia: epidemiology and management. <i>Expert Review of Anti-Infective Therapy</i> , 2015, 13, 705-714.	4.4	6

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91	Prevalence and antimicrobial susceptibilities of <i>Acinetobacter baumannii</i> and non- <i>baumannii</i> <i>Acinetobacters</i> from Terengganu, Malaysia and their carriage of carbapenemase genes. <i>Journal of Medical Microbiology</i> , 2018, 67, 1538-1543.	1.8	6
92	The costs associated with the public health management of a cluster of meningococcal infection in England. <i>Vaccine</i> , 2014, 32, 5549-5551.	3.8	5
93	Disruption of the <i>cpsE</i> and <i>endA</i> Genes Attenuates <i>Streptococcus pneumoniae</i> Virulence: Towards the Development of a Live Attenuated Vaccine Candidate. <i>Vaccines</i> , 2020, 8, 187.	4.4	5
94	Carriage of upper respiratory tract pathogens in rural communities of Sarawak, Malaysian Borneo. <i>Pneumonia (Nathan Qld)</i> , 2021, 13, 6.	6.1	5
95	Ecology and diversity in upper respiratory tract microbial population structures from a cross-sectional community swabbing study. <i>Journal of Medical Microbiology</i> , 2018, 67, 1096-1108.	1.8	5
96	The characterization of <i>Moraxella catarrhalis</i> carried in the general population. <i>Microbial Genomics</i> , 2022, 8, .	2.0	5
97	<i>Clostridium difficile</i> in Children: A Review of Existing and Recently Uncovered Evidence. <i>Advances in Experimental Medicine and Biology</i> , 2013, 764, 57-72.	1.6	4
98	The state of ESKAPE in Malaysia. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 578-579.	2.5	4
99	Serotype distribution of disease-causing <i>Streptococcus pneumoniae</i> in Thailand: A systematic review. <i>Vaccine</i> , 2019, 37, 3159-3166.	3.8	4
100	Microbial epidemiology and carriage studies for the evaluation of vaccines. <i>Journal of Medical Microbiology</i> , 2019, 68, 1408-1418.	1.8	4
101	Clonal Analysis of Meningococci during a 26 Year Period Prior to the Introduction of Meningococcal Serogroup C Vaccines. <i>PLoS ONE</i> , 2015, 10, e115741.	2.5	2
102	Phylogenetic relationship of non-typeable <i>Haemophilus influenzae</i> isolated in Malaysia. <i>Infection, Genetics and Evolution</i> , 2015, 36, 240-243.	2.3	2
103	Informing pneumococcal conjugate vaccine policy in middle-income countries: The case of Malaysia. <i>Vaccine</i> , 2017, 35, 2288-2290.	3.8	2
104	Research investments for UK infectious disease research 1997–2013: A systematic analysis of awards to UK institutions alongside national burden of disease. <i>Journal of Infection</i> , 2018, 76, 11-19.	3.3	2
105	Impact of bacterial strain acquisition in the lung of patients with COPD: the AERIS study. <i>Infectious Diseases</i> , 2022, 54, 784-793.	2.8	2
106	Challenges in mapping research investments for treatments against pneumonia. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 1262.	9.1	1
107	Measles cluster at a university in the United Kingdom. <i>BMC Research Notes</i> , 2014, 7, 744.	1.4	0
108	Draft Genome Sequences of Two <i>Acinetobacter soli</i> Clinical Isolates from a Tertiary Hospital in Terengganu, Malaysia. <i>Microbiology Resource Announcements</i> , 2022, , e0008222.	0.6	0