

Katherine A Gould

List of Publications by Year in descending order

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38
papers

1,769
citations

257450

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h-index

330143

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times ranked

2771
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary Genomics of <i>Staphylococcus aureus</i> Reveals Insights into the Origin and Molecular Basis of Ruminant Host Adaptation. <i>Genome Biology and Evolution</i> , 2010, 2, 454-466.	2.5	174
2	Improved Detection of Nasopharyngeal Cocolonization by Multiple Pneumococcal Serotypes by Use of Latex Agglutination or Molecular Serotyping by Microarray. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1784-1789.	3.9	134
3	Extensive Horizontal Gene Transfer during <i>Staphylococcus aureus</i> Co-colonization In Vivo. <i>Genome Biology and Evolution</i> , 2014, 6, 2697-2708.	2.5	119
4	Central Role of Manganese in Regulation of Stress Responses, Physiology, and Metabolism in <i>Streptococcus pneumoniae</i> . <i>Journal of Bacteriology</i> , 2010, 192, 4489-4497.	2.2	95
5	Clinical Application of Whole-Genome Sequencing To Inform Treatment for Multidrug-Resistant Tuberculosis Cases. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1473-1483.	3.9	89
6	Probing the Differential Interactions of Quinazolidone PD 0305970 and Quinolones with Gyrase and Topoisomerase IV. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3822-3831.	3.2	82
7	The Distribution of Mobile Genetic Elements (MGEs) in MRSA CC398 Is Associated with Both Host and Country. <i>Genome Biology and Evolution</i> , 2011, 3, 1164-1174.	2.5	82
8	Dominant Role of Nucleotide Substitution in the Diversification of Serotype 3 Pneumococci over Decades and during a Single Infection. <i>PLoS Genetics</i> , 2013, 9, e1003868.	3.5	81
9	A point mutation in <i>cpsE</i> renders <i>Streptococcus pneumoniae</i> nonencapsulated and enhances its growth, adherence and competence. <i>BMC Microbiology</i> , 2014, 14, 210.	3.3	75
10	Genome sequencing and characterization of an extensively drug-resistant sequence type 111 serotype O12 hospital outbreak strain of <i>Pseudomonas aeruginosa</i> . <i>Clinical Microbiology and Infection</i> , 2014, 20, O609-O618.	6.0	57
11	High multiple carriage and emergence of <i>Streptococcus pneumoniae</i> vaccine serotype variants in Malawian children. <i>BMC Infectious Diseases</i> , 2015, 15, 234.	2.9	56
12	Effect of ten-valent pneumococcal conjugate vaccine introduction on pneumococcal carriage in Fiji: results from four annual cross-sectional carriage surveys. <i>The Lancet Global Health</i> , 2018, 6, e1375-e1385.	6.3	54
13	Cleavable-Complex Formation by Wild-Type and Quinolone-Resistant <i>Streptococcus pneumoniae</i> Type II Topoisomerases Mediated by Gemifloxacin and Other Fluoroquinolones. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 413-419.	3.2	52
14	Genomic variations define divergence of water/wildlife-associated <i>Campylobacter jejuni</i> niche specialists from common clonal complexes. <i>Environmental Microbiology</i> , 2011, 13, 1549-1560.	3.8	52
15	Within-host diversity of MRSA antimicrobial resistances. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2191-2198.	3.0	49
16	Persistent Circulation of Vaccine Serotypes and Serotype Replacement After 5 Years of Infant Immunization With 13-Valent Pneumococcal Conjugate Vaccine in the United Kingdom. <i>Journal of Infectious Diseases</i> , 2020, 221, 1361-1370.	4.0	45
17	Pneumococcal carriage in vaccine-eligible children and unvaccinated infants in Lao PDR two years following the introduction of the 13-valent pneumococcal conjugate vaccine. <i>Vaccine</i> , 2019, 37, 296-305.	3.8	42
18	Novel Symmetric and Asymmetric DNA Scission Determinants for <i>Streptococcus pneumoniae</i> Topoisomerase IV and Gyrase Are Clustered at the DNA Breakage Site. <i>Journal of Biological Chemistry</i> , 2005, 280, 14252-14263.	3.4	39

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19	Discovery of Stable and Variable Differences in the <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Type I, II, and III Genomes by Pan-Genome Microarray Analysis. <i>Applied and Environmental Microbiology</i> , 2009, 75, 676-686.	3.1	39
20	Global network analysis of drug tolerance, mode of action and virulence in methicillin-resistant <i>S. aureus</i> . <i>BMC Systems Biology</i> , 2011, 5, 68.	3.0	36
21	Decrease in Pneumococcal Co-Colonization following Vaccination with the Seven-Valent Pneumococcal Conjugate Vaccine. <i>PLoS ONE</i> , 2012, 7, e30235.	2.5	33
22	Multi-Serotype Pneumococcal Nasopharyngeal Carriage Prevalence in Vaccine Naïve Nepalese Children, Assessed Using Molecular Serotyping. <i>PLoS ONE</i> , 2015, 10, e0114286.	2.5	33
23	XDR-TB transmission in London: Case management and contact tracing investigation assisted by early whole genome sequencing. <i>Journal of Infection</i> , 2016, 73, 210-218.	3.3	28
24	Pneumococcal Colonization in Healthy Adult Research Participants in the Conjugate Vaccine Era, United Kingdom, 2010–2017. <i>Journal of Infectious Diseases</i> , 2019, 219, 1989-1993.	4.0	28
25	Ciprofloxacin Dimers Target Gyrase in <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2108-2115.	3.2	25
26	Impact of the 13-valent pneumococcal conjugate vaccine on <i>Streptococcus pneumoniae</i> multiple serotype carriage. <i>Vaccine</i> , 2016, 34, 4072-4078.	3.8	25
27	A Cross-Sectional Observational Study of Pneumococcal Carriage in Children, Their Parents, and Older Adults Following the Introduction of the 7-Valent Pneumococcal Conjugate Vaccine. <i>Medicine (United States)</i> , 2015, 94, e335.	1.0	24
28	Impact of 13-Valent Pneumococcal Conjugate Vaccine on Colonization and Invasive Disease in Cambodian Children. <i>Clinical Infectious Diseases</i> , 2020, 70, 1580-1588.	5.8	21
29	The <i>blp</i> Locus of <i>Streptococcus pneumoniae</i> Plays a Limited Role in the Selection of Strains That Can Cocolonize the Human Nasopharynx. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5206-5215.	3.1	14
30	A computational strategy for the search of regulatory small RNAs in <i>Actinobacillus pleuropneumoniae</i> . <i>Rna</i> , 2016, 22, 1373-1385.	3.5	13
31	The Challenges of Using Oropharyngeal Samples To Measure Pneumococcal Carriage in Adults. <i>MSphere</i> , 2020, 5, .	2.9	13
32	Multiple <i>Streptococcus pneumoniae</i> Serotypes in Aural Discharge Samples from Children with Acute Otitis Media with Spontaneous Otorrhea. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3409-3411.	3.9	12
33	Pneumococcal Serotypes Colonise the Nasopharynx in Children at Different Densities. <i>PLoS ONE</i> , 2016, 11, e0163435.	2.5	12
34	Analysis of dual active fluoroquinolones in <i>Streptococcus pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 312-313.	3.0	11
35	Deletion of the Zinc Transporter Lipoprotein AdcAll Causes Hyperencapsulation of <i>Streptococcus pneumoniae</i> Associated with Distinct Alleles of the Type I Restriction-Modification System. <i>MBio</i> , 2020, 11, .	4.1	8
36	Evaluation of Pneumococcal Serotyping of Nasopharyngeal-Carriage Isolates by Latex Agglutination, Whole-Genome Sequencing (PneumoCaT), and DNA Microarray in a High-Pneumococcal-Carriage-Prevalence Population in Malawi. <i>Journal of Clinical Microbiology</i> , 2020, 59, .	3.9	8

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37	Transcriptional Profiling Mycobacterium tuberculosis from Patient Sputa. Methods in Molecular Biology, 2018, 1736, 117-128.	0.9	7
38	The nose is the best niche for detection of experimental pneumococcal colonisation in adults of all ages, using nasal wash. Scientific Reports, 2021, 11, 18279.	3.3	2