

Benjamin P Howden

List of Publications by Year in descending order

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Version: 2024-02-01

279
papers

12,844
citations

29994

54
h-index

34900

98
g-index

308
all docs

308
docs citations

308
times ranked

13327
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical sensitivity and specificity of the Cepheid Xpert Xpress SARS-CoV-2/Flu/RSV assay. <i>Pathology</i> , 2022, 54, 120-122.	0.3	4
2	Towards equitable access to public health pathogen genomics in the Western Pacific. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 18, 100321.	1.3	5
3	Optimising genomic approaches for identifying vancomycin-resistant <i>Enterococcus faecium</i> transmission in healthcare settings. <i>Nature Communications</i> , 2022, 13, 509.	5.8	20
4	The interplay between community and hospital <i>Enterococcus faecium</i> clones within health-care settings: a genomic analysis. <i>Lancet Microbe</i> , The, 2022, 3, e133-e141.	3.4	17
5	AusTrakka: Fast-tracking nationalized genomics surveillance in response to the COVID-19 pandemic. <i>Nature Communications</i> , 2022, 13, 865.	5.8	17
6	Gut microbiome signatures and host colonization with multidrug-resistant bacteria. <i>Trends in Microbiology</i> , 2022, 30, 853-865.	3.5	16
7	Lab-in-a-van: Rapid SARS-CoV-2 testing response with a mobile laboratory. <i>EBioMedicine</i> , 2022, 79, 103983.	2.7	4
8	Feasibility of a refurbished shipping container as a transportable laboratory for rapid SARS-CoV-2 diagnostics. <i>Access Microbiology</i> , 2022, 4, .	0.2	1
9	<i>Klebsiella pneumoniae</i> induces host metabolic stress that promotes tolerance to pulmonary infection. <i>Cell Metabolism</i> , 2022, 34, 761-774.e9.	7.2	36
10	Characterisation of <i>Treponema pallidum</i> lineages within the contemporary syphilis outbreak in Australia: a genomic epidemiological analysis. <i>Lancet Microbe</i> , The, 2022, 3, e417-e426.	3.4	19
11	Multi-site implementation of whole genome sequencing for hospital infection control: A prospective genomic epidemiological analysis. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 23, 100446.	1.3	6
12	State-wide genomic epidemiology investigations of COVID-19 in healthcare workers in 2020 Victoria, Australia: Qualitative thematic analysis to provide insights for future pandemic preparedness. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 25, 100487.	1.3	3
13	RNase III-CLASH of multi-drug resistant <i>Staphylococcus aureus</i> reveals a regulatory mRNA 3'UTR required for intermediate vancomycin resistance. <i>Nature Communications</i> , 2022, 13, .	5.8	15
14	Search and Contain: Impact of an Integrated Genomic and Epidemiological Surveillance and Response Program for Control of Carbapenemase-producing <i>Enterobacterales</i> . <i>Clinical Infectious Diseases</i> , 2021, 73, e3912-e3920.	2.9	12
15	Analysis of Hepatitis B Virus Haplotype Diversity Detects Striking Sequence Conservation Across Genotypes and Chronic Disease Phase. <i>Hepatology</i> , 2021, 73, 1652-1670.	3.6	9
16	Clinical manifestations of invasive meningococcal disease in Victoria with the emergence of serogroup W and serogroup Y <i>Neisseria meningitidis</i> . <i>Internal Medicine Journal</i> , 2021, 51, 390-397.	0.5	3
17	Sample pooling on the Cepheid Xpert® Xpress SARS-CoV-2 assay. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 99, 115238.	0.8	12
18	Short-term increase in the carriage of azithromycin-resistant <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in mothers and their newborns following intra-partum azithromycin: a post hoc analysis of a double-blind randomized trial. <i>JAC-Antimicrobial Resistance</i> , 2021, 3, dlaa128.	0.9	0

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19	Absence of high priority critically important antimicrobial resistance in <i>Salmonella</i> sp. isolated from Australian commercial egg layer environments. <i>International Journal of Food Microbiology</i> , 2021, 340, 109042.	2.1	6
20	Detection of SARS-CoV-2 in saliva: implications for specimen transport and storage. <i>Journal of Medical Microbiology</i> , 2021, 70, .	0.7	24
21	Reporting practices for genomic epidemiology of tuberculosis: a systematic review of the literature using STROME-ID guidelines as a benchmark. <i>Lancet Microbe</i> , The, 2021, 2, e115-e129.	3.4	1
22	Nonclassical Pathogens as Causative Agents of Proctitis in Men who Have Sex With Men. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab137.	0.4	11
23	Genomic Insights Into Last-Line Antimicrobial Resistance in Multidrug-Resistant <i>Staphylococcus</i> and Vancomycin-Resistant <i>Enterococcus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 637656.	1.5	21
24	The global dissemination of hospital clones of <i>Enterococcus faecium</i> . <i>Genome Medicine</i> , 2021, 13, 52.	3.6	33
25	Reflex Detection of Ciprofloxacin Resistance in <i>Neisseria gonorrhoeae</i> by Use of the SpeDx ResistancePlus GC Assay. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	13
26	Multi-site assessment of rapid, point-of-care antigen testing for the diagnosis of SARS-CoV-2 infection in a low-prevalence setting: A validation and implementation study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 9, 100115.	1.3	29
27	Clinical Relevance of Topical Antibiotic Use in Coselecting for Multidrug-Resistant <i>Staphylococcus aureus</i> : Insights from <i>In Vitro</i> and <i>Ex Vivo</i> Models. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	4
28	Population genomics provides insights into the evolution and adaptation to humans of the waterborne pathogen <i>Mycobacterium kansasii</i> . <i>Nature Communications</i> , 2021, 12, 2491.	5.8	20
29	Surveillance for SARS-CoV-2 variants of concern in the Australian context. <i>Medical Journal of Australia</i> , 2021, 214, 500.	0.8	9
30	Cell Membrane Adaptations Mediate β -Lactam-Induced Resensitization of Daptomycin-Resistant (DAP-R) <i>Staphylococcus aureus</i> In Vitro. <i>Microorganisms</i> , 2021, 9, 1028.	1.6	5
31	Antiseptic mouthwash for gonorrhoea prevention (OMEGA): a randomised, double-blind, parallel-group, multicentre trial. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 647-656.	4.6	24
32	An implementation science approach to evaluating pathogen whole genome sequencing in public health. <i>Genome Medicine</i> , 2021, 13, 121.	3.6	26
33	Defective Severe Acute Respiratory Syndrome Coronavirus 2 Immune Responses in an Immunocompromised Individual With Prolonged Viral Replication. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab359.	0.4	5
34	Key parameters for genomics-based real-time detection and tracking of multidrug-resistant bacteria: a systematic analysis. <i>Lancet Microbe</i> , The, 2021, 2, e575-e583.	3.4	33
35	Evolutionary dynamics of multidrug resistant <i>Salmonella enterica</i> serovar 4,[5],12:i:- in Australia. <i>Nature Communications</i> , 2021, 12, 4786.	5.8	35
36	Accessible Platform for High-Throughput COVID-19 Molecular Diagnostics and Genome Sequencing Using a Repurposed 3D Printer for RNA Extraction. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4669-4676.	2.6	3

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37	Genomics-informed responses in the elimination of COVID-19 in Victoria, Australia: an observational, genomic epidemiological study. <i>Lancet Public Health</i> , The, 2021, 6, e547-e556.	4.7	53
38	Development of Phylodynamic Methods for Bacterial Pathogens. <i>Trends in Microbiology</i> , 2021, 29, 788-797.	3.5	26
39	Genomic Epidemiology and Antimicrobial Resistance Mechanisms of Imported Typhoid in Australia. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0120021.	1.4	14
40	Multi-site point of care assessment of Abbott ID NOW rapid molecular test for SARS-CoV-2 in a low-prevalence setting. <i>Pathology</i> , 2021, 53, 912-914.	0.3	6
41	Low-Cost, Open-Source Device for High-Performance Fluorescence Detection of Isothermal Nucleic Acid Amplification Reactions. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4982-4990.	2.6	6
42	Use of emerging testing technologies and approaches for SARS-CoV-2: review of literature and global experience in an Australian context. <i>Pathology</i> , 2021, 53, 689-699.	0.3	14
43	Pilot study of a combined genomic and epidemiologic surveillance program for hospital-acquired multidrug-resistant pathogens across multiple hospital networks in Australia. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 573-581.	1.0	18
44	A multi-institutional outbreak of New Delhi metallo- β -lactamase-producing <i>Escherichia coli</i> with subsequent acquisition of the <i>Klebsiella pneumoniae</i> carbapenemase gene. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 1124-1127.	1.0	1
45	Daptomycin Resistance Occurs Predominantly in vanA-Type Vancomycin-Resistant <i>Enterococcus faecium</i> in Australasia and Is Associated With Heterogeneous and Novel Mutations. <i>Frontiers in Microbiology</i> , 2021, 12, 749935.	1.5	11
46	Patient-focused pathogen genetic counselling "has the time come?". <i>Genome Medicine</i> , 2021, 13, 178.	3.6	1
47	Second SARS-CoV-2 infections twelve months after initial infections in Australia, confirmed by genomic analysis. <i>Medical Journal of Australia</i> , 2021, . .	0.8	2
48	Emergence and global spread of <i>Listeria monocytogenes</i> main clinical clonal complex. <i>Science Advances</i> , 2021, 7, eabj9805.	4.7	23
49	Significant variability exists in the cytotoxicity of global methicillin-resistant <i>Staphylococcus aureus</i> lineages. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	0.7	10
50	Genomic diversity of antimicrobial resistance in non-typhoidal <i>Salmonella</i> in Victoria, Australia. <i>Microbial Genomics</i> , 2021, 7, .	1.0	2
51	Added Value of Genomic Surveillance of Virulence Factors in Shiga Toxin-Producing <i>Escherichia coli</i> in New South Wales, Australia. <i>Frontiers in Microbiology</i> , 2021, 12, 713724.	1.5	2
52	Long-term Impact of Pneumococcal Conjugate Vaccines on Invasive Disease and Pneumonia Hospitalizations in Indigenous and Non-Indigenous Australians. <i>Clinical Infectious Diseases</i> , 2020, 70, 2607-2615.	2.9	16
53	<i>Staphylococcus aureus</i> small colony variants impair host immunity by activating host cell glycolysis and inducing necroptosis. <i>Nature Microbiology</i> , 2020, 5, 141-153.	5.9	65
54	Prolonged Outbreak of Multidrug-Resistant <i>Shigella sonnei</i> Harboring <i>bla</i> CTX-M-27 in Victoria, Australia. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	29

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55	Implementation and evaluation of a novel real-time multiplex assay for SARS-CoV-2: in-field learnings from a clinical microbiology laboratory. <i>Pathology</i> , 2020, 52, 754-759.	0.3	11
56	Structure-Activity Relationships of Daptomycin Lipopeptides. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13266-13290.	2.9	30
57	An open-label, parallel-group, randomised controlled trial of antiseptic mouthwash versus Antibiotics for oropharyngeal gonorrhoea treatment (OMEGA2). <i>Scientific Reports</i> , 2020, 10, 19386.	1.6	10
58	Pandemic printing: a novel 3D-printed swab for detecting SARS-CoV-2. <i>Medical Journal of Australia</i> , 2020, 213, 276-279.	0.8	32
59	Evaluation of Serological Tests for SARS-CoV-2: Implications for Serology Testing in a Low-Prevalence Setting. <i>Journal of Infectious Diseases</i> , 2020, 222, 1280-1288.	1.9	56
60	Serological tests for COVID-19. <i>Medical Journal of Australia</i> , 2020, 213, 397.	0.8	7
61	Tracking the COVID-19 pandemic in Australia using genomics. <i>Nature Communications</i> , 2020, 11, 4376.	5.8	152
62	Tenacious Endemic Typhoid Fever in Samoa. <i>Clinical Infectious Diseases</i> , 2020, 71, S120-S126.	2.9	19
63	Viral Genomics to Inform Infection-control Response in Occupational Coronavirus Disease 2019 (COVID-19) Transmission. <i>Clinical Infectious Diseases</i> , 2020, 73, e1881-e1884.	2.9	3
64	Microbe-Metabolite Associations Linked to the Rebounding Murine Gut Microbiome Postcolonization with Vancomycin-Resistant <i>Enterococcus faecium</i> . <i>MSystems</i> , 2020, 5, .	1.7	3
65	Comprehensive Genomic Investigation of Adaptive Mutations Driving the Low-Level Oxacillin Resistance Phenotype in <i>Staphylococcus aureus</i> . <i>MBio</i> , 2020, 11, .	1.8	27
66	Incursions of <i>Candida auris</i> into Australia, 2018. <i>Emerging Infectious Diseases</i> , 2020, 26, 1326-1328.	2.0	11
67	Prolonged Exposure to β -Lactam Antibiotics Reestablishes Susceptibility of Daptomycin-Nonsusceptible <i>Staphylococcus aureus</i> to Daptomycin. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	11
68	<i>Staphylococcus aureus</i> induces cell-surface expression of immune stimulatory NKG2D ligands on human monocytes. <i>Journal of Biological Chemistry</i> , 2020, 295, 11803-11821.	1.6	10
69	Diversity of bacteriophages encoding Panton-Valentine leukocidin in temporally and geographically related <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2020, 15, e0228676.	1.1	12
70	Effect of Vancomycin or Daptomycin With vs Without an Antistaphylococcal β -Lactam on Mortality, Bacteremia, Relapse, or Treatment Failure in Patients With MRSA Bacteremia. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 527.	3.8	169
71	Comparative Transcriptomic and Functional Assessments of Linezolid-Responsive Small RNA Genes in <i>Staphylococcus aureus</i> . <i>MSystems</i> , 2020, 5, .	1.7	7
72	Isolation and rapid sharing of the 2019 novel coronavirus (SARS-CoV-2) from the first patient diagnosed with COVID-19 in Australia. <i>Medical Journal of Australia</i> , 2020, 212, 459-462.	0.8	297

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73	Vancomycin Exposure and Acute Kidney Injury Outcome: A Snapshot From the CAMERA2 Study. Open Forum Infectious Diseases, 2020, 7, ofaa538.	0.4	21
74	Validation of a single-step, single-tube reverse transcription loop-mediated isothermal amplification assay for rapid detection of SARS-CoV-2 RNA. Journal of Medical Microbiology, 2020, 69, 1169-1178.	0.7	61
75	Complete microbial genomes for public health in Australia and the Southwest Pacific. Microbial Genomics, 2020, 6, .	1.0	10
76	Case Report: Confirmation by Metagenomic Sequencing of Visceral Leishmaniasis in an Immunosuppressed Returned Traveler. American Journal of Tropical Medicine and Hygiene, 2020, 103, 1930-1933.	0.6	9
77	Impact of Intrapartum Oral Azithromycin on the Acquired Macrolide Resistome of Infants's Nasopharynx: A Randomized Controlled Trial. Clinical Infectious Diseases, 2020, 71, 3222-3225.	2.9	5
78	A Simple Cleaning Intervention to Prevent Transmission of Carbapenemase-Producing Enterobacterales from Hospital Sinks. Infection Control and Hospital Epidemiology, 2020, 41, s103-s104.	1.0	0
79	Title is missing!. , 2020, 15, e0228676.		0
80	Title is missing!. , 2020, 15, e0228676.		0
81	Title is missing!. , 2020, 15, e0228676.		0
82	Title is missing!. , 2020, 15, e0228676.		0
83	Title is missing!. , 2020, 15, e0228676.		0
84	Title is missing!. , 2020, 15, e0228676.		0
85	A nonclonal outbreak of vancomycin-sensitive <i>Enterococcus faecalis</i> bacteremia in a neonatal intensive care unit. Infection Control and Hospital Epidemiology, 2019, 40, 1116-1122.	1.0	4
86	Trends and Risk Factors for Antimicrobial-Resistant <i>Neisseria gonorrhoeae</i> , Melbourne, Australia, 2007 to 2018. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	19
87	Genomic investigation of <i>Staphylococcus aureus</i> recovered from Gambian women and newborns following an oral dose of intra-partum azithromycin. Journal of Antimicrobial Chemotherapy, 2019, 74, 3170-3178.	1.3	5
88	Genomics for Molecular Epidemiology and Detecting Transmission of Carbapenemase-Producing <i>Enterobacterales</i> in Victoria, Australia, 2012 to 2016. Journal of Clinical Microbiology, 2019, 57, .	1.8	56
89	Zinc-binding to the cytoplasmic PAS domain regulates the essential Walk histidine kinase of <i>Staphylococcus aureus</i> . Nature Communications, 2019, 10, 3067.	5.8	38
90	The risk of resistance: what are the major antimicrobial resistance threats facing Australia?. Medical Journal of Australia, 2019, 211, 103.	0.8	5

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91	Dissecting the molecular evolution of fluoroquinolone-resistant <i>Shigella sonnei</i> . <i>Nature Communications</i> , 2019, 10, 4828.	5.8	41
92	Risk Factors for Asymptomatic Enteric Pathogen Detection Among Men Who Have Sex With Men. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz326.	0.4	14
93	Bridging of <i>Neisseria gonorrhoeae</i> lineages across sexual networks in the HIV pre-exposure prophylaxis era. <i>Nature Communications</i> , 2019, 10, 3988.	5.8	69
94	Reconstruction of the Genomes of Drug-Resistant Pathogens for Outbreak Investigation through Metagenomic Sequencing. <i>MSphere</i> , 2019, 4, .	1.3	15
95	Biosynthesis and Etherâ€Bridge Formation in Nargenicin Macrolides. <i>Angewandte Chemie</i> , 2019, 131, 4036-4041.	1.6	2
96	Biosynthesis and Etherâ€Bridge Formation in Nargenicin Macrolides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3996-4001.	7.2	13
97	Solithromycin versus ceftriaxone plus azithromycin for the treatment of uncomplicated genital gonorrhoea (SOLITAIRE-U): a randomised phase 3 non-inferiority trial. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 833-842.	4.6	41
98	Prevalence of genital and oropharyngeal chlamydia and gonorrhoea among female sex workers in Melbourne, Australia, 2015â€2017: need for oropharyngeal testing. <i>Sexually Transmitted Infections</i> , 2019, 95, 398-401.	0.8	33
99	Kissing may be an important and neglected risk factor for oropharyngeal gonorrhoea: a cross-sectional study in men who have sex with men. <i>Sexually Transmitted Infections</i> , 2019, 95, 516-521.	0.8	47
100	Evidence for a new paradigm of gonorrhoea transmission: cross-sectional analysis of <i>Neisseria gonorrhoeae</i> infections by anatomical site in both partners in 60 male couples. <i>Sexually Transmitted Infections</i> , 2019, 95, 437-442.	0.8	25
101	Increasing incidence of invasive nontyphoidal <i>Salmonella</i> infections in Queensland, Australia, 2007-2016. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007187.	1.3	19
102	The importance of public health genomics for ensuring health security for Australia. <i>Medical Journal of Australia</i> , 2019, 210, 295.	0.8	10
103	Antibiotic resistance and host immune evasion in <i>Staphylococcus aureus</i> mediated by a metabolic adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3722-3727.	3.3	69
104	Remodeling of pSK1 Family Plasmids and Enhanced Chlorhexidine Tolerance in a Dominant Hospital Lineage of Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	18
105	P461â€...Bacterial load of chlamydia in the oropharynx and saliva among gay and bisexual men with untreated oropharyngeal chlamydia. , 2019, , .		0
106	O02.2â€...Oropharyngeal and genital gonorrhoea among heterosexuals who report sexual contact with partners with gonorrhoea. , 2019, , .		0
107	O07.1â€...Multiple lineages of multiresistant <i>shigella</i> in australia. , 2019, , .		0
108	Mining the Methylome Reveals Extensive Diversity in <i>Staphylococcus epidermidis</i> Restriction Modification. <i>MBio</i> , 2019, 10, .	1.8	28

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109	Unstable chromosome rearrangements in <i>Staphylococcus aureus</i> cause phenotype switching associated with persistent infections. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20135-20140.	3.3	69
110	Bacterial Load of Chlamydia trachomatis in the Posterior Oropharynx, Tonsillar Fossae, and Saliva among Men Who Have Sex with Men with Untreated Oropharyngeal Chlamydia. Journal of Clinical Microbiology, 2019, 58, .	1.8	10
111	Oropharyngeal and Genital Gonorrhea Infections Among Women and Heterosexual Men Reporting Sexual Contact With Partners With Gonorrhea: Implication for Oropharyngeal Testing of Heterosexual Gonorrhea Contacts. Sexually Transmitted Diseases, 2019, 46, 743-747.	0.8	23
112	Extensively Drug-Resistant Shigellosis in Australia among Men Who Have Sex with Men. New England Journal of Medicine, 2019, 381, 2477-2479.	13.9	27
113	Emergence and rapid global dissemination of CTX-M-15-associated <i>Klebsiella pneumoniae</i> strain ST307. Journal of Antimicrobial Chemotherapy, 2019, 74, 577-581.	1.3	137
114	Evolution of Daptomycin Resistance in Coagulase-Negative Staphylococci Involves Mutations of the Essential Two-Component Regulator WalkR. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	22
115	Co-circulation of Multidrug-resistant Shigella Among Men Who Have Sex With Men in Australia. Clinical Infectious Diseases, 2019, 69, 1535-1544.	2.9	77
116	Utilizing genomic analyses to investigate the first outbreak of van A vancomycin-resistant Enterococcus in Australia with emergence of daptomycin non-susceptibility. Journal of Medical Microbiology, 2019, 68, 303-308.	0.7	14
117	Emergence and divergence of major lineages of Shiga-toxin-producing Escherichia coli in Australia. Microbial Genomics, 2019, 5, .	1.0	10
118	Genomics of vancomycin-resistant Enterococcus faecium. Microbial Genomics, 2019, 5, .	1.0	44
119	Recent trends in invasive group A Streptococcus disease in Victoria. Communicable Diseases Intelligence (2018), 2019, 43, .	0.3	3
120	1,2,4-Oxadiazole antimicrobials act synergistically with daptomycin and display rapid kill kinetics against MDR Enterococcus faecium. Journal of Antimicrobial Chemotherapy, 2018, 73, 1562-1569.	1.3	12
121	Ceftazidime/avibactam susceptibility by three different susceptibility testing methods in carbapenemase-producing Gram-negative bacteria from Australia. International Journal of Antimicrobial Agents, 2018, 52, 82-85.	1.1	14
122	Health Outcomes from Multidrug-Resistant <i>Salmonella</i> Infections in High-Income Countries: A Systematic Review and Meta-Analysis. Foodborne Pathogens and Disease, 2018, 15, 428-436.	0.8	69
123	Comparative Genomics Shows That Mycobacterium ulcerans Migration and Expansion Preceded the Rise of Buruli Ulcer in Southeastern Australia. Applied and Environmental Microbiology, 2018, 84, .	1.4	32
124	Increasing Antimicrobial Resistance in Nontyphoidal Salmonella Isolates in Australia from 1979 to 2015. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	47
125	Incorporating Whole-Genome Sequencing into Public Health Surveillance: Lessons from Prospective Sequencing of Salmonella Typhimurium in Australia. Foodborne Pathogens and Disease, 2018, 15, 161-167.	0.8	24
126	Genomic epidemiology and antimicrobial resistance of Neisseria gonorrhoeae in New Zealand. Journal of Antimicrobial Chemotherapy, 2018, 73, 353-364.	1.3	57

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127	Convergent Evolution Driven by Rifampin Exacerbates the Global Burden of Drug-Resistant <i>Staphylococcus aureus</i> . <i>MSphere</i> , 2018, 3, .	1.3	55
128	Rifampicin resistance in <i>Staphylococcus epidermidis</i> : molecular characterisation and fitness cost of <i>rpoB</i> mutations. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 670-677.	1.1	22
129	Topical Antibiotic Use Coselects for the Carriage of Mobile Genetic Elements Conferring Resistance to Unrelated Antimicrobials in <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	28
130	Whole-genome sequencing reveals transmission of gonococcal antibiotic resistance among men who have sex with men: an observational study. <i>Sexually Transmitted Infections</i> , 2018, 94, 151-157.	0.8	42
131	Morbidity from in-hospital complications is greater than treatment failure in patients with <i>Staphylococcus aureus</i> bacteraemia. <i>BMC Infectious Diseases</i> , 2018, 18, 107.	1.3	26
132	Daptomycin selects for genetic and phenotypic adaptations leading to antibiotic tolerance in MRSA. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2030-2033.	1.3	21
133	Long-term Impact of Oral Azithromycin Taken by Gambian Women During Labor on Prevalence and Antibiotic Susceptibility of <i>Streptococcus pneumoniae</i> and <i>Staphylococcus aureus</i> in Their Infants: Follow-up of a Randomized Clinical Trial. <i>Clinical Infectious Diseases</i> , 2018, 67, 1191-1197.	2.9	12
134	Seven <i>Salmonella</i> Typhimurium Outbreaks in Australia Linked by Trace-Back and Whole Genome Sequencing. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 285-292.	0.8	27
135	Emerging Gram negative resistance to last-line antimicrobial agents fosfomycin, colistin and ceftazidime-avibactam – epidemiology, laboratory detection and treatment implications. <i>Expert Review of Anti-Infective Therapy</i> , 2018, 16, 289-306.	2.0	62
136	The Critical Importance of Sampling Fraction to Inferences of <i>Mycobacterium tuberculosis</i> Transmission. <i>Clinical Infectious Diseases</i> , 2018, 66, 159-160.	2.9	0
137	Evolution of virulence in <i>Enterococcus faecium</i> , a hospital-adapted opportunistic pathogen. <i>Current Opinion in Microbiology</i> , 2018, 41, 76-82.	2.3	153
138	Elucidating the Pharmacokinetics/Pharmacodynamics of Aerosolized Colistin against Multidrug-Resistant <i>Acinetobacter baumannii</i> and <i>Klebsiella pneumoniae</i> in a Mouse Lung Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	11
139	Genomic Analysis of Multiresistant <i>Staphylococcus capitis</i> Associated with Neonatal Sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	34
140	The changing landscape of vancomycin-resistant <i>Enterococcus faecium</i> in Australia: a population-level genomic study. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3268-3278.	1.3	27
141	Global spread of three multidrug-resistant lineages of <i>Staphylococcus epidermidis</i> . <i>Nature Microbiology</i> , 2018, 3, 1175-1185.	5.9	206
142	Comprehensive antibiotic-linked mutation assessment by resistance mutation sequencing (RM-seq). <i>Genome Medicine</i> , 2018, 10, 63.	3.6	26
143	Increasing tolerance of hospital <i>Enterococcus faecium</i> to handwash alcohols. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	165
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