

Benjamin P Howden

List of Publications by Year in descending order

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Version: 2024-02-01

279
papers

12,844
citations

30070
54
h-index

34986
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. | 0.6 | 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. | 2.9 | 5 |
| 3 | Optimising genomic approaches for identifying vancomycin-resistant <i>Enterococcus faecium</i> transmission in healthcare settings. <i>Nature Communications</i> , 2022, 13, 509. | 12.8 | 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. | 7.3 | 17 |
| 5 | AusTrakka: Fast-tracking nationalized genomics surveillance in response to the COVID-19 pandemic. <i>Nature Communications</i> , 2022, 13, 865. | 12.8 | 17 |
| 6 | Gut microbiome signatures and host colonization with multidrug-resistant bacteria. <i>Trends in Microbiology</i> , 2022, 30, 853-865. | 7.7 | 16 |
| 7 | Lab-in-a-van: Rapid SARS-CoV-2 testing response with a mobile laboratory. <i>EBioMedicine</i> , 2022, 79, 103983. | 6.1 | 4 |
| 8 | Feasibility of a refurbished shipping container as a transportable laboratory for rapid SARS-CoV-2 diagnostics. <i>Access Microbiology</i> , 2022, 4, . | 0.5 | 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. | 16.2 | 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. | 7.3 | 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. | 2.9 | 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. | 2.9 | 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, . | 12.8 | 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. | 5.8 | 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. | 7.3 | 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. | 0.8 | 3 |
| 17 | Sample pooling on the Cepheid Xpert® Xpress SARS-CoV-2 assay. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 99, 115238. | 1.8 | 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. | 2.1 | 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. | 4.7 | 6 |
| 20 | Detection of SARS-CoV-2 in saliva: implications for specimen transport and storage. <i>Journal of Medical Microbiology</i> , 2021, 70, . | 1.8 | 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. | 7.3 | 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. | 0.9 | 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. | 3.5 | 21 |
| 24 | The global dissemination of hospital clones of <i>Enterococcus faecium</i> . <i>Genome Medicine</i> , 2021, 13, 52. | 8.2 | 33 |
| 25 | Reflex Detection of Ciprofloxacin Resistance in <i>Neisseria gonorrhoeae</i> by Use of the SpeeDx ResistancePlus GC Assay. <i>Journal of Clinical Microbiology</i> , 2021, 59, . | 3.9 | 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. | 2.9 | 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, . | 3.2 | 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. | 12.8 | 20 |
| 29 | Surveillance for SARS-CoV-2 variants of concern in the Australian context. <i>Medical Journal of Australia</i> , 2021, 214, 500. | 1.7 | 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. | 3.6 | 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. | 9.1 | 24 |
| 32 | An implementation science approach to evaluating pathogen whole genome sequencing in public health. <i>Genome Medicine</i> , 2021, 13, 121. | 8.2 | 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. | 0.9 | 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. | 7.3 | 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. | 12.8 | 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. | 5.2 | 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. | 10.0 | 53 |
| 38 | Development of Phylodynamic Methods for Bacterial Pathogens. <i>Trends in Microbiology</i> , 2021, 29, 788-797. | 7.7 | 26 |
| 39 | Genomic Epidemiology and Antimicrobial Resistance Mechanisms of Imported Typhoid in Australia. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0120021. | 3.2 | 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. | 0.6 | 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. | 5.2 | 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. | 0.6 | 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. | 1.8 | 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. | 1.8 | 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. | 3.5 | 11 |
| 46 | Patient-focused pathogen genetic counselling“has the time come?. <i>Genome Medicine</i> , 2021, 13, 178. | 8.2 | 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, , . | 1.7 | 2 |
| 48 | Emergence and global spread of <i>Listeria monocytogenes</i> main clinical clonal complex. <i>Science Advances</i> , 2021, 7, eabj9805. | 10.3 | 23 |
| 49 | Significant variability exists in the cytotoxicity of global methicillin-resistant <i>Staphylococcus aureus</i> lineages. <i>Microbiology (United Kingdom)</i> , 2021, 167, . | 1.8 | 10 |
| 50 | Genomic diversity of antimicrobial resistance in non-typhoidal <i>Salmonella</i> in Victoria, Australia. <i>Microbial Genomics</i> , 2021, 7, . | 2.0 | 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. | 3.5 | 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. | 5.8 | 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. | 13.3 | 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, . | 3.2 | 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. | 0.6 | 11 |
| 56 | Structure–Activity Relationships of Daptomycin Lipopeptides. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13266-13290. | 6.4 | 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. | 3.3 | 10 |
| 58 | Pandemic printing: a novel 3D-printed swab for detecting <sc>SARS</sc> â€CoVâ€2. <i>Medical Journal of Australia</i> , 2020, 213, 276-279. | 1.7 | 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. | 4.0 | 56 |
| 60 | Serological tests for COVID â€19. <i>Medical Journal of Australia</i> , 2020, 213, 397. | 1.7 | 7 |
| 61 | Tracking the COVID-19 pandemic in Australia using genomics. <i>Nature Communications</i> , 2020, 11, 4376. | 12.8 | 152 |
| 62 | Tenacious Endemic Typhoid Fever in Samoa. <i>Clinical Infectious Diseases</i> , 2020, 71, S120-S126. | 5.8 | 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. | 5.8 | 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, . | 3.8 | 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, . | 4.1 | 27 |
| 66 | Incursions of <i>Candida auris</i> into Australia, 2018. <i>Emerging Infectious Diseases</i> , 2020, 26, 1326-1328. | 4.3 | 11 |
| 67 | Prolonged Exposure to Î²-Lactam Antibiotics Reestablishes Susceptibility of Daptomycin-Nonsusceptible <i>Staphylococcus aureus</i> to Daptomycin. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 3.2 | 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. | 3.4 | 10 |
| 69 | Diversity of bacteriophages encoding Pantone-Valentine leukocidin in temporally and geographically related <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2020, 15, e0228676. | 2.5 | 12 |
| 70 | Effect of Vancomycin or Daptomycin With vs Without an Antistaphylococcal Î²-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. | 7.4 | 169 |
| 71 | Comparative Transcriptomic and Functional Assessments of Linezolid-Responsive Small RNA Genes in <i>Staphylococcus aureus</i> . <i>MSystems</i> , 2020, 5, . | 3.8 | 7 |
| 72 | Isolation and rapid sharing of the 2019 novel coronavirus (<sc>SARS</sc> â€CoVâ€2) from the first patient diagnosed with <sc>COVID</sc> â€19 in Australia. <i>Medical Journal of Australia</i> , 2020, 212, 459-462. | 1.7 | 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. | 0.9 | 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. | 1.8 | 61 |
| 75 | Complete microbial genomes for public health in Australia and the Southwest Pacific. Microbial Genomics, 2020, 6, . | 2.0 | 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. | 1.4 | 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. | 5.8 | 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. | 1.8 | 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. | 1.8 | 4 |
| 86 | Trends and Risk Factors for Antimicrobial-Resistant <i>Neisseria gonorrhoeae</i> , Melbourne, Australia, 2007 to 2018. Antimicrobial Agents and Chemotherapy, 2019, 63, . | 3.2 | 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. | 3.0 | 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, . | 3.9 | 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. | 12.8 | 38 |
| 90 | The risk of resistance: what are the major antimicrobial resistance threats facing Australia?. Medical Journal of Australia, 2019, 211, 103. | 1.7 | 5 |

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|-----|---|------|-----------|
| 91 | Dissecting the molecular evolution of fluoroquinolone-resistant <i>Shigella sonnei</i> . <i>Nature Communications</i> , 2019, 10, 4828. | 12.8 | 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. | 0.9 | 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. | 12.8 | 69 |
| 94 | Reconstruction of the Genomes of Drug-Resistant Pathogens for Outbreak Investigation through Metagenomic Sequencing. <i>MSphere</i> , 2019, 4, . | 2.9 | 15 |
| 95 | Biosynthesis and Etherâ€Bridge Formation in Nargenicin Macrolides. <i>Angewandte Chemie</i> , 2019, 131, 4036-4041. | 2.0 | 2 |
| 96 | Biosynthesis and Etherâ€Bridge Formation in Nargenicin Macrolides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3996-4001. | 13.8 | 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. | 9.1 | 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. | 1.9 | 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. | 1.9 | 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. | 1.9 | 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. | 3.0 | 19 |
| 102 | The importance of public health genomics for ensuring health security for Australia. <i>Medical Journal of Australia</i> , 2019, 210, 295. | 1.7 | 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. | 7.1 | 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, . | 3.2 | 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, . | 4.1 | 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. | 7.1 | 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, . | 3.9 | 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. | 1.7 | 23 |
| 112 | Extensively Drug-Resistant Shigellosis in Australia among Men Who Have Sex with Men. New England Journal of Medicine, 2019, 381, 2477-2479. | 27.0 | 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. | 3.0 | 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, . | 3.2 | 22 |
| 115 | Co-circulation of Multidrug-resistant Shigella Among Men Who Have Sex With Men in Australia. Clinical Infectious Diseases, 2019, 69, 1535-1544. | 5.8 | 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. | 1.8 | 14 |
| 117 | Emergence and divergence of major lineages of Shiga-toxin-producing Escherichia coli in Australia. Microbial Genomics, 2019, 5, . | 2.0 | 10 |
| 118 | Genomics of vancomycin-resistant Enterococcus faecium. Microbial Genomics, 2019, 5, . | 2.0 | 44 |
| 119 | Recent trends in invasive group A Streptococcus disease in Victoria. Communicable Diseases Intelligence (2018), 2019, 43, . | 0.7 | 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. | 3.0 | 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. | 2.5 | 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. | 1.8 | 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, . | 3.1 | 32 |
| 124 | Increasing Antimicrobial Resistance in Nontyphoidal Salmonella Isolates in Australia from 1979 to 2015. Antimicrobial Agents and Chemotherapy, 2018, 62, . | 3.2 | 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. | 1.8 | 24 |
| 126 | Genomic epidemiology and antimicrobial resistance of Neisseria gonorrhoeae in New Zealand. Journal of Antimicrobial Chemotherapy, 2018, 73, 353-364. | 3.0 | 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, . | 2.9 | 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. | 2.5 | 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, . | 3.2 | 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. | 1.9 | 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. | 2.9 | 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. | 3.0 | 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. | 5.8 | 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. | 1.8 | 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. | 4.4 | 62 |
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