

Benjamin P Howden

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

270
papers

8,924
citations

46
h-index

85
g-index

308
ext. papers

11,327
ext. citations

7.6
avg, IF

6.17
L-index

#	Paper	IF	Citations
270	Reduced vancomycin susceptibility in <i>Staphylococcus aureus</i> , including vancomycin-intermediate and heterogeneous vancomycin-intermediate strains: resistance mechanisms, laboratory detection, and clinical implications. <i>Clinical Microbiology Reviews</i> , 2010 , 23, 99-139	34	655
269	Treatment outcomes for serious infections caused by methicillin-resistant <i>Staphylococcus aureus</i> with reduced vancomycin susceptibility. <i>Clinical Infectious Diseases</i> , 2004 , 38, 521-8	11.6	408
268	Clinical features associated with bacteremia due to heterogeneous vancomycin-intermediate <i>Staphylococcus aureus</i> . <i>Clinical Infectious Diseases</i> , 2004 , 38, 448-51	11.6	327
267	Evolution of multidrug resistance during <i>Staphylococcus aureus</i> infection involves mutation of the essential two component regulator WalKR. <i>PLoS Pathogens</i> , 2011 , 7, e1002359	7.6	213
266	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	4	201
265	Antibiotic choice may not explain poorer outcomes in patients with <i>Staphylococcus aureus</i> bacteremia and high vancomycin minimum inhibitory concentrations. <i>Journal of Infectious Diseases</i> , 2011 , 204, 340-7	7	189
264	Isolates with low-level vancomycin resistance associated with persistent methicillin-resistant <i>Staphylococcus aureus</i> bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 3039-47	5.9	172
263	Two novel point mutations in clinical <i>Staphylococcus aureus</i> reduce linezolid susceptibility and switch on the stringent response to promote persistent infection. <i>PLoS Pathogens</i> , 2010 , 6, e1000944	7.6	155
262	Current and Emerging Topical Antibacterials and Antiseptics: Agents, Action, and Resistance Patterns. <i>Clinical Microbiology Reviews</i> , 2017 , 30, 827-860	34	153
261	Prospective Whole-Genome Sequencing Enhances National Surveillance of <i>Listeria monocytogenes</i> . <i>Journal of Clinical Microbiology</i> , 2016 , 54, 333-42	9.7	152
260	Vancomycin AUC/MIC ratio and 30-day mortality in patients with <i>Staphylococcus aureus</i> bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 1654-63	5.9	148
259	Antimicrobial resistance: Not community-associated methicillin-resistant <i>Staphylococcus aureus</i> (CA-MRSA)! A clinician's guide to community MRSA - its evolving antimicrobial resistance and implications for therapy. <i>Clinical Infectious Diseases</i> , 2011 , 52, 99-114	11.6	146
258	<i>Staphylococcus aureus</i> bacteraemia: a major cause of mortality in Australia and New Zealand. <i>Medical Journal of Australia</i> , 2009 , 191, 368-73	4	141
257	Intercontinental dissemination of azithromycin-resistant shigellosis through sexual transmission: a cross-sectional study. <i>Lancet Infectious Diseases</i> , 2015 , 15, 913-21	25.5	139
256	Dumb and dumber--the potential waste of a useful antistaphylococcal agent: emerging fusidic acid resistance in <i>Staphylococcus aureus</i> . <i>Clinical Infectious Diseases</i> , 2006 , 42, 394-400	11.6	137
255	In vitro pharmacodynamics of colistin against multidrug-resistant <i>Klebsiella pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 62, 1311-8	5.1	129
254	Genomic analysis reveals a point mutation in the two-component sensor gene <i>graS</i> that leads to intermediate vancomycin resistance in clinical <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 3755-62	5.9	121

253	Global spread of three multidrug-resistant lineages of <i>Staphylococcus epidermidis</i> . <i>Nature Microbiology</i> , 2018 , 3, 1175-1185	26.6	120
252	Combination of Vancomycin and β -Lactam Therapy for Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteremia: A Pilot Multicenter Randomized Controlled Trial. <i>Clinical Infectious Diseases</i> , 2016 , 62, 173-180	11.6	117
251	Genomic insights to control the emergence of vancomycin-resistant enterococci. <i>MBio</i> , 2013 , 4,	7.8	112
250	Good clinical outcomes but high rates of adverse reactions during linezolid therapy for serious infections: a proposed protocol for monitoring therapy in complex patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 1599-602	5.9	106
249	Complete Bypass of Restriction Systems for Major <i>Staphylococcus aureus</i> Lineages. <i>MBio</i> , 2015 , 6, e00308815	10.8	105
248	Increasing tolerance of hospital to handwash alcohols. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	102
247	Comparative analysis of the first complete <i>Enterococcus faecium</i> genome. <i>Journal of Bacteriology</i> , 2012 , 194, 2334-41	3.5	97
246	Tracking the COVID-19 pandemic in Australia using genomics. <i>Nature Communications</i> , 2020 , 11, 4376	17.4	97
245	Prospective comparison of the clinical impacts of heterogeneous vancomycin-intermediate methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) and vancomycin-susceptible MRSA. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 3447-52	5.9	94
244	Different bacterial gene expression patterns and attenuated host immune responses are associated with the evolution of low-level vancomycin resistance during persistent methicillin-resistant <i>Staphylococcus aureus</i> bacteraemia. <i>BMC Microbiology</i> , 2008 , 8, 39	4.5	92
243	Effect of Vancomycin or Daptomycin With vs Without an Antistaphylococcal β -Lactam on Mortality, Bacteremia, Relapse, or Treatment Failure in Patients With MRSA Bacteremia: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 527-537	27.4	88
242	Evolution of virulence in <i>Enterococcus faecium</i> , a hospital-adapted opportunistic pathogen. <i>Current Opinion in Microbiology</i> , 2018 , 41, 76-82	7.9	87
241	The evolution of vancomycin intermediate <i>Staphylococcus aureus</i> (VISA) and heterogenous-VISA. <i>Infection, Genetics and Evolution</i> , 2014 , 21, 575-82	4.5	81
240	A sustained hospital outbreak of vancomycin-resistant <i>Enterococcus faecium</i> bacteremia due to emergence of vanB E. faecium sequence type 203. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1278-86	7	78
239	Enterococcal bacteraemia: factors influencing mortality, length of stay and costs of hospitalization. <i>Clinical Microbiology and Infection</i> , 2013 , 19, E181-9	9.5	77
238	Emergence and rapid global dissemination of CTX-M-15-associated <i>Klebsiella pneumoniae</i> strain ST307. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 577-581	5.1	75
237	Outbreak investigation using high-throughput genome sequencing within a diagnostic microbiology laboratory. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 1396-401	9.7	73
236	Daptomycin non-susceptibility in vancomycin-intermediate <i>Staphylococcus aureus</i> (VISA) and heterogeneous-VISA (hVISA): implications for therapy after vancomycin treatment failure. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1057-60	5.1	72

235	Serine/threonine phosphatase Stp1 contributes to reduced susceptibility to vancomycin and virulence in <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2012 , 205, 1677-87	7	71
234	Relationship between vancomycin-resistant <i>Staphylococcus aureus</i> , vancomycin-intermediate <i>S. aureus</i> , high vancomycin MIC, and outcome in serious <i>S. aureus</i> infections. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 2548-52	9.7	66
233	Increased Detection of Pharyngeal and Rectal Gonorrhoea in Men Who Have Sex With Men After Transition From Culture To Nucleic Acid Amplification Testing. <i>Sexually Transmitted Diseases</i> , 2017 , 44, 114-117	2.4	65
232	<i>Mycobacterium chimaera</i> Spread from Heating and Cooling Units in Heart Surgery. <i>New England Journal of Medicine</i> , 2017 , 376, 600-602	59.2	62
231	Analysis of the small RNA transcriptional response in multidrug-resistant <i>Staphylococcus aureus</i> after antimicrobial exposure. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 3864-74	5.9	61
230	The interface between antibiotic resistance and virulence in <i>Staphylococcus aureus</i> and its impact upon clinical outcomes. <i>Clinical Infectious Diseases</i> , 2011 , 53, 576-82	11.6	61
229	The RpoB H ₄₇ rifampicin resistance mutation and an active stringent response reduce virulence and increase resistance to innate immune responses in <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2013 , 207, 929-39	7	60
228	The dominant Australian community-acquired methicillin-resistant <i>Staphylococcus aureus</i> clone ST93-IV [2B] is highly virulent and genetically distinct. <i>PLoS ONE</i> , 2011 , 6, e25887	3.7	56
227	South Asia as a Reservoir for the Global Spread of Ciprofloxacin-Resistant <i>Shigella sonnei</i> : A Cross-Sectional Study. <i>PLoS Medicine</i> , 2016 , 13, e1002055	11.6	56
226	Molecular epidemiology of enterococcal bacteremia in Australia. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 897-905	9.7	53
225	Antiseptic mouthwash against pharyngeal : a randomised controlled trial and an in vitro study. <i>Sexually Transmitted Infections</i> , 2017 , 93, 88-93	2.8	52
224	Genomic epidemiology and antimicrobial resistance of <i>Neisseria gonorrhoeae</i> in New Zealand. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 353-364	5.1	45
223	CAMERA2 - combination antibiotic therapy for methicillin-resistant <i>Staphylococcus aureus</i> infection: study protocol for a randomised controlled trial. <i>Trials</i> , 2016 , 17, 170	2.8	45
222	Vancomycin therapeutics and monitoring: a contemporary approach. <i>Internal Medicine Journal</i> , 2013 , 43, 110-9	1.6	45
221	Comparison of the Xpert methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) assay, BD GeneOhm MRSA assay, and culture for detection of nasal and cutaneous groin colonization by MRSA. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 3769-72	9.7	45
220	Convergent adaptation in the dominant global hospital clone ST239 of methicillin-resistant <i>Staphylococcus aureus</i> . <i>MBio</i> , 2015 , 6, e00080	7.8	44
219	Complete genome sequence of <i>Staphylococcus aureus</i> strain JKD6008, an ST239 clone of methicillin-resistant <i>Staphylococcus aureus</i> with intermediate-level vancomycin resistance. <i>Journal of Bacteriology</i> , 2010 , 192, 5848-9	3.5	44
218	<i>Neisseria gonorrhoeae</i> isolates with high-level resistance to azithromycin in Australia. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1267-8	5.1	43

217	Decreased vancomycin susceptibility in <i>Staphylococcus aureus</i> caused by IS256 tempering of WalKR expression. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 3240-9	5.9	42
216	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	7	42
215	Comparative analysis of the complete genome of an epidemic hospital sequence type 203 clone of vancomycin-resistant <i>Enterococcus faecium</i> . <i>BMC Genomics</i> , 2013 , 14, 595	4.5	41
214	Co-circulation of Multidrug-resistant <i>Shigella</i> Among Men Who Have Sex With Men in Australia. <i>Clinical Infectious Diseases</i> , 2019 , 69, 1535-1544	11.6	41
213	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	5.5	40
212	Bridging of <i>Neisseria gonorrhoeae</i> lineages across sexual networks in the HIV pre-exposure prophylaxis era. <i>Nature Communications</i> , 2019 , 10, 3988	17.4	39
211	Validation of a single-step, single-tube reverse transcription loop-mediated isothermal amplification assay for rapid detection of SARS-CoV-2 RNA. <i>Journal of Medical Microbiology</i> , 2020 , 69, 1169-1178	3.2	39
210	Detection of <i>Neisseria gonorrhoeae</i> in the pharynx and saliva: implications for gonorrhoea transmission. <i>Sexually Transmitted Infections</i> , 2016 , 92, 347-9	2.8	38
209	A multicentre double-blind randomised controlled trial evaluating the efficacy of daily use of antibacterial mouthwash against oropharyngeal gonorrhoea among men who have sex with men: the OMEGA (Oral Mouthwash use to Eradicate GonorrhoeA) study protocol. <i>BMC Infectious Diseases</i> , 2017 , 17, 456	4	38
208	Hyperexpression of Hemolysin explains enhanced virulence of sequence type 93 community-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>BMC Microbiology</i> , 2014 , 14, 31	4.5	37
207	Antibiotic resistance and host immune evasion in mediated by a metabolic adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3722-3727	11.5	36
206	Health Outcomes from Multidrug-Resistant <i>Salmonella</i> Infections in High-Income Countries: A Systematic Review and Meta-Analysis. <i>Foodborne Pathogens and Disease</i> , 2018 , 15, 428-436	3.8	35
205	Translating genomics into practice for real-time surveillance and response to carbapenemase-producing Enterobacteriaceae: evidence from a complex multi-institutional KPC outbreak. <i>PeerJ</i> , 2018 , 6, e4210	3.1	35
204	Rapid Emergence and Evolution of <i>Staphylococcus aureus</i> Clones Harboring fusC-Containing Staphylococcal Cassette Chromosome Elements. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 2359-2365	5.9	34
203	The importance of regulatory RNAs in <i>Staphylococcus aureus</i> . <i>Infection, Genetics and Evolution</i> , 2014 , 21, 616-26	4.5	34
202	Inactivation of the indigenous methyltransferase RlmN in <i>Staphylococcus aureus</i> increases linezolid resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2989-91	5.9	34
201	<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	26.6	34
200	What's new in the treatment of serious MRSA infection?. <i>Current Opinion in Infectious Diseases</i> , 2014 , 27, 471-8	5.4	33

199	Increasing Antimicrobial Resistance in Nontyphoidal Salmonella Isolates in Australia from 1979 to 2015. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	32
198	Complete genome sequence of Staphylococcus aureus strain JKD6159, a unique Australian clone of ST93-IV community methicillin-resistant Staphylococcus aureus. <i>Journal of Bacteriology</i> , 2010 , 192, 5556-375	3.7	32
197	Mycolactone gene expression is controlled by strong SigA-like promoters with utility in studies of Mycobacterium ulcerans and buruli ulcer. <i>PLoS Neglected Tropical Diseases</i> , 2009 , 3, e553	4.8	32
196	The molecular epidemiology of the highly virulent ST93 Australian community Staphylococcus aureus strain. <i>PLoS ONE</i> , 2012 , 7, e43037	3.7	32
195	5: Hospital-in-the-home treatment of infectious diseases. <i>Medical Journal of Australia</i> , 2002 , 176, 440-5	4	32
194	Unstable chromosome rearrangements in cause phenotype switching associated with persistent infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 20135-20140	11.5	32
193	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	2.8	31
192	Emergence of endemic MLST non-typeable vancomycin-resistant Enterococcus faecium. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 3367-3371	5.1	31
191	Evolutionary origins of the emergent ST796 clone of vancomycin resistant. <i>PeerJ</i> , 2017 , 5, e2916	3.1	31
190	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> , 2019 , 19, 833-842	25.5	30
189	Genomics for Molecular Epidemiology and Detecting Transmission of Carbapenemase-Producing in Victoria, Australia, 2012 to 2016. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	30
188	Genetic and molecular predictors of high vancomycin MIC in Staphylococcus aureus bacteremia isolates. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3384-93	9.7	30
187	Treating Gram-positive infections: vancomycin update and the whys, wherefores and evidence base for continuous infusion of anti-Gram-positive antibiotics. <i>Current Opinion in Infectious Diseases</i> , 2009 , 22, 525-34	5.4	30
186	Convergent Evolution Driven by Rifampin Exacerbates the Global Burden of Drug-Resistant. <i>MSphere</i> , 2018 , 3,	5	28
185	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	2.8	27
184	Outbreak of vanB vancomycin-resistant Enterococcus faecium colonization in a neonatal service. <i>American Journal of Infection Control</i> , 2015 , 43, 1061-5	3.8	27
183	Heterogeneity of genetic pathways toward daptomycin nonsusceptibility in Staphylococcus aureus determined by adjunctive antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 2799-806	5.9	25
182	Population genetics and the evolution of virulence in Staphylococcus aureus. <i>Infection, Genetics and Evolution</i> , 2014 , 21, 554-62	4.5	25

181	Adaptive change inferred from genomic population analysis of the ST93 epidemic clone of community-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Genome Biology and Evolution</i> , 2014 , 6, 366-78	3.9	25
180	High-resolution melting genotyping of <i>Enterococcus faecium</i> based on multilocus sequence typing derived single nucleotide polymorphisms. <i>PLoS ONE</i> , 2011 , 6, e29189	3.7	25
179	Comparative study of selective chromogenic (chromID VRE) and bile esculin agars for isolation and identification of vanB-containing vancomycin-resistant enterococci from feces and rectal swabs. <i>Journal of Clinical Microbiology</i> , 2008 , 46, 4034-6	9.7	25
178	Prevalence of genital and oropharyngeal chlamydia and gonorrhoea among female sex workers in Melbourne, Australia, 2015-2017: need for oropharyngeal testing. <i>Sexually Transmitted Infections</i> , 2019 , 95, 398-401	2.8	24
177	Comparative Genomics Shows That <i>Mycobacterium ulcerans</i> Migration and Expansion Preceded the Rise of Buruli Ulcer in Southeastern Australia. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	21
176	Evaluation of the Xpert [®] MRSA/SA Blood Culture assay for the detection of <i>Staphylococcus aureus</i> including strains with reduced vancomycin susceptibility from blood culture specimens. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011 , 70, 404-7	2.9	21
175	Failure of vancomycin for treatment of methicillin-resistant <i>Staphylococcus aureus</i> infections. <i>Clinical Infectious Diseases</i> , 2004 , 39, 1544; author reply 1544-5	11.6	21
174	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	3.8	20
173	Zinc-binding to the cytoplasmic PAS domain regulates the essential WalK histidine kinase of <i>Staphylococcus aureus</i> . <i>Nature Communications</i> , 2019 , 10, 3067	17.4	20
172	Rise in invasive serogroup W meningococcal disease in Australia 2013-2015. <i>Communicable Diseases Intelligence</i> , 2016 , 40, E454-E459		20
171	The epidemiology of bacteriuria and candiduria in critically ill patients. <i>Epidemiology and Infection</i> , 2015 , 143, 653-62	4.3	19
170	Genomic exploration of sequential clinical isolates reveals a distinctive molecular signature of persistent <i>Staphylococcus aureus</i> bacteraemia. <i>Genome Medicine</i> , 2018 , 10, 65	14.4	19
169	Vancomycin minimum inhibitory concentration, host comorbidities and mortality in <i>Staphylococcus aureus</i> bacteraemia. <i>Clinical Microbiology and Infection</i> , 2013 , 19, 1163-8	9.5	19
168	Polyclonal emergence of vanA vancomycin-resistant <i>Enterococcus faecium</i> in Australia. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 998-1001	5.1	19
167	Genomic Analysis of Multiresistant <i>Staphylococcus capitis</i> Associated with Neonatal Sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	19
166	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	5.1	19
165	Comprehensive antibiotic-linked mutation assessment by resistance mutation sequencing (RM-seq). <i>Genome Medicine</i> , 2018 , 10, 63	14.4	19
164	Cutaneous zygomycosis caused by <i>Saksenea vasiformis</i> following water-related wound in a 24-year-old immunocompetent woman. <i>Mycoses</i> , 2009 , 52, 547-9	5.2	18

163	Treatment and outcome of 104 hospitalized patients with legionnaires disease. <i>Internal Medicine Journal</i> , 2003 , 33, 484-8	1.6	18
162	Genomics of vancomycin-resistant <i>Enterococcus faecium</i> . <i>Microbial Genomics</i> , 2019 , 5,	4.4	18
161	Pandemic printing: a novel 3D-printed swab for detecting SARS-CoV-2. <i>Medical Journal of Australia</i> , 2020 , 213, 276-279	4	18
160	Genomic Insights into a Sustained National Outbreak of <i>Yersinia pseudotuberculosis</i> . <i>Genome Biology and Evolution</i> , 2016 , 8, 3806-3814	3.9	17
159	A Phenotypically Silent vanB2 Operon Carried on a Tn1549-Like Element in <i>Clostridium difficile</i> . <i>MSphere</i> , 2016 , 1,	5	17
158	Dissecting the molecular evolution of fluoroquinolone-resistant <i>Shigella sonnei</i> . <i>Nature Communications</i> , 2019 , 10, 4828	17.4	17
157	Phasevarion-Regulated Virulence in the Emerging Pediatric Pathogen <i>Kingella kingae</i> . <i>Infection and Immunity</i> , 2017 , 85,	3.7	17
156	Low mannose-binding lectin complement activation function is associated with predisposition to Legionnaires disease. <i>Clinical and Experimental Immunology</i> , 2007 , 149, 97-102	6.2	17
155	multi-antigen sequence typing for. <i>Microbial Genomics</i> , 2016 , 2, e000076	4.4	17
154	Genomics-informed responses in the elimination of COVID-19 in Victoria, Australia: an observational, genomic epidemiological study. <i>Lancet Public Health</i> , 2021 , 6, e547-e556	22.4	17
153	Emergence of multidrug resistance in locally-acquired human infections with <i>Salmonella</i> Typhimurium in Australia owing to a new clade harbouring bla. <i>International Journal of Antimicrobial Agents</i> , 2017 , 50, 101-105	14.3	16
152	Evidence for a new paradigm of gonorrhoea transmission: cross-sectional analysis of infections by anatomical site in both partners in 60 male couples. <i>Sexually Transmitted Infections</i> , 2019 , 95, 437-442	2.8	16
151	Incorporating Whole-Genome Sequencing into Public Health Surveillance: Lessons from Prospective Sequencing of <i>Salmonella</i> Typhimurium in Australia. <i>Foodborne Pathogens and Disease</i> , 2018 , 15, 161-167	3.8	16
150	Comparison of the bacterial isolates and antibiotic resistance patterns of elderly nursing home and general community patients. <i>Internal Medicine Journal</i> , 2012 , 42, e157-64	1.6	16
149	The growing burden of multidrug-resistant infections among returned Australian travellers. <i>Medical Journal of Australia</i> , 2014 , 200, 116-8	4	16
148	Once bitten, twice shy: an unusual case report of a mycotic aortic aneurysm. <i>ANZ Journal of Surgery</i> , 2005 , 75, 1024-6	1	16
147	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,	5.9	15
146	Daptomycin selects for genetic and phenotypic adaptations leading to antibiotic tolerance in MRSA. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 2030-2033	5.1	15

145	Antiseptic mouthwash for gonorrhoea prevention (OMEGA): a randomised, double-blind, parallel-group, multicentre trial. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 647-656	25.5	15
144	Evolution of Daptomycin Resistance in Coagulase-Negative Staphylococci Involves Mutations of the Essential Two-Component Regulator WalKR. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	15
143	Correspondence: Spontaneous secondary mutations confound analysis of the essential two-component system WalKR in <i>Staphylococcus aureus</i> . <i>Nature Communications</i> , 2017 , 8, 14403	17.4	14
142	Rifampicin resistance in <i>Staphylococcus epidermidis</i> : molecular characterisation and fitness cost of rpoB mutations. <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 670-677	14.3	14
141	Case-case-control study on factors associated with vanB vancomycin-resistant and vancomycin-susceptible enterococcal bacteraemia. <i>BMC Infectious Diseases</i> , 2014 , 14, 353	4	14
140	Staphylococcal superantigen-like protein 5 induces thrombotic and bleeding complications in vivo: inhibition by an anti-SSL5 antibody and the glycan Bimosiamose. <i>Journal of Thrombosis and Haemostasis</i> , 2012 , 10, 2607-9	15.4	14
139	Genomic analysis of ST88 community-acquired methicillin resistant in Ghana. <i>PeerJ</i> , 2017 , 5, e3047	3.1	14
138	A phylogenomic framework for assessing the global emergence and evolution of clonal complex 398 methicillin-resistant. <i>Microbial Genomics</i> , 2017 , 3, e000105	4.4	14
137	Structure-Activity Relationships of Daptomycin Lipopeptides. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 13266-13290	8.3	14
136	Vancomycin-resistant sequence type 796 - rapid international dissemination of a new epidemic clone. <i>Antimicrobial Resistance and Infection Control</i> , 2018 , 7, 44	6.2	13
135	Trends and Risk Factors for Antimicrobial-Resistant , Melbourne, Australia, 2007 to 2018. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	13
134	Community and health-care associated non-multiresistant methicillin-resistant <i>Staphylococcus aureus</i> in Victoria. <i>Medical Journal of Australia</i> , 2005 , 183, 548	4	13
133	Vancomycin Exposure and Acute Kidney Injury Outcome: A Snapshot From the CAMERA2 Study. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa538	1	13
132	Extensively Drug-Resistant Shigellosis in Australia among Men Who Have Sex with Men. <i>New England Journal of Medicine</i> , 2019 , 381, 2477-2479	59.2	13
131	Target-Specific Assay for Rapid and Quantitative Detection of <i>Mycobacterium chimaera</i> DNA. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 1847-1856	9.7	12
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4	Diversity of bacteriophages encoding Panton-Valentine leukocidin in temporally and geographically related Staphylococcus aureus 2020 , 15, e0228676		
3	Diversity of bacteriophages encoding Panton-Valentine leukocidin in temporally and geographically related Staphylococcus aureus 2020 , 15, e0228676		
2	Diversity of bacteriophages encoding Panton-Valentine leukocidin in temporally and geographically related Staphylococcus aureus 2020 , 15, e0228676		

- 1 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. *The Lancet Regional Health - Western Pacific*, **2022**, 25, 100487 5