

Natasha E Holmes Mbbs

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,788
citations

361296

20
h-index

302012

39
g-index

73
all docs

73
docs citations

73
times ranked

2640
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotic Choice May Not Explain Poorer Outcomes in Patients With Staphylococcus aureus Bacteremia and High Vancomycin Minimum Inhibitory Concentrations. <i>Journal of Infectious Diseases</i> , 2011, 204, 340-347.	1.9	214
2	Vancomycin AUC/MIC Ratio and 30-Day Mortality in Patients with Staphylococcus aureus Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1654-1663.	1.4	176
3	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
4	Development and Validation of a Penicillin Allergy Clinical Decision Rule. <i>JAMA Internal Medicine</i> , 2020, 180, 745.	2.6	135
5	Integrated immune dynamics define correlates of COVID-19 severity and antibody responses. <i>Cell Reports Medicine</i> , 2021, 2, 100208.	3.3	115
6	CD8+ T cells specific for an immunodominant SARS-CoV-2 nucleocapsid epitope display high naive precursor frequency and TCR promiscuity. <i>Immunity</i> , 2021, 54, 1066-1082.e5.	6.6	106
7	The Penicillin Allergy Delabeling Program: A Multicenter Whole-of-Hospital Health Services Intervention and Comparative Effectiveness Study. <i>Clinical Infectious Diseases</i> , 2021, 73, 487-496.	2.9	74
8	Duration of Respiratory and Gastrointestinal Viral Shedding in Children With SARS-CoV-2: A Systematic Review and Synthesis of Data. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, e249-e256.	1.1	60
9	The Safety and Efficacy of an Oral Penicillin Challenge Program in Cancer Patients: A Multicenter Pilot Study. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy306.	0.4	57
10	Treatment of Methicillin-Resistant Staphylococcus aureus: Vancomycin and Beyond. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2015, 36, 017-030.	0.8	50
11	Genomic exploration of sequential clinical isolates reveals a distinctive molecular signature of persistent Staphylococcus aureus bacteraemia. <i>Genome Medicine</i> , 2018, 10, 65.	3.6	49
12	Genetic and Molecular Predictors of High Vancomycin MIC in Staphylococcus aureus Bacteremia Isolates. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3384-3393.	1.8	47
13	What's new in the treatment of serious MRSA infection?. <i>Current Opinion in Infectious Diseases</i> , 2014, 27, 471-478.	1.3	37
14	Analysis of a Novel <i>pncA</i> Mutation for Susceptibility to Pyrazinamide Therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 541-544.	2.5	37
15	Comprehensive Genomic Investigation of Adaptive Mutations Driving the Low-Level Oxacillin Resistance Phenotype in Staphylococcus aureus. <i>MBio</i> , 2020, 11, .	1.8	27
16	Non-O1, non-O139 Vibrio cholerae bacteraemia in an Australian population. <i>Internal Medicine Journal</i> , 2014, 44, 508-511.	0.5	26
17	Morbidity from in-hospital complications is greater than treatment failure in patients with Staphylococcus aureus bacteraemia. <i>BMC Infectious Diseases</i> , 2018, 18, 107.	1.3	26
18	Cross-reactivity between vancomycin, teicoplanin, and telavancin in patients with HLA-A*32:01 positive vancomycin-induced DRESS sharing an HLA class II haplotype. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 403-405.	1.5	26

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19	The Role of In Vivo and Ex Vivo Diagnostic Tools in Severe Delayed Immune-Mediated Adverse Antibiotic Drug Reactions. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 2010-2015.e4.	2.0	26
20	Staff to staff transmission as a driver of healthcare worker infections with COVID-19. <i>Infection, Disease and Health</i> , 2021, 26, 276-283.	0.5	24
21	Safety of cephalosporins in penicillin class severe delayed hypersensitivity reactions. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 1142-1146.e4.	2.0	22
22	Identification and management of congenital parvovirus B19 infection. <i>Prenatal Diagnosis</i> , 2020, 40, 1722-1731.	1.1	22
23	SARS-CoV-2 infection results in immune responses in the respiratory tract and peripheral blood that suggest mechanisms of disease severity. <i>Nature Communications</i> , 2022, 13, 2774.	5.8	21
24	Genomic analysis of teicoplanin resistance emerging during treatment of vanB vancomycin-resistant <i>Enterococcus faecium</i> infections in solid organ transplant recipients including donor-derived cases. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2134-2139.	1.3	19
25	A systematic review of maternal TORCH serology as a screen for suspected fetal infection. <i>Prenatal Diagnosis</i> , 2022, 42, 87-96.	1.1	17
26	Use of bacterial whole-genome sequencing to understand and improve the management of invasive <i>Staphylococcus aureus</i> infections. <i>Expert Review of Anti-Infective Therapy</i> , 2016, 14, 1023-1036.	2.0	16
27	Locally extensive angio-invasive <i>Scedosporium prolificans</i> infection following resection for squamous cell lung carcinoma. <i>Medical Mycology Case Reports</i> , 2013, 2, 98-102.	0.7	14
28	Clinical evaluation of four commercial immunoassays for the detection of antibodies against established SARS-CoV-2 infection. <i>Pathology</i> , 2020, 52, 778-782.	0.3	14
29	Adverse reactions to vancomycin and cross-reactivity with other antibiotics. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2020, 20, 352-361.	1.1	14
30	The Role of Immunological and Clinical Biomarkers to Predict Clinical COVID-19 Severity and Response to Therapy – A Prospective Longitudinal Study. <i>Frontiers in Immunology</i> , 2021, 12, 646095.	2.2	13
31	Complete recovery from COVID-19 of a kidney-pancreas transplant recipient: potential benefit from everolimus?. <i>BMJ Case Reports</i> , 2021, 14, e238413.	0.2	12
32	Using AUC/MIC to guide vancomycin dosing: ready for prime time?. <i>Clinical Microbiology and Infection</i> , 2020, 26, 406-408.	2.8	11
33	COVID-MATCH65 – A prospectively derived clinical decision rule for severe acute respiratory syndrome coronavirus 2. <i>PLoS ONE</i> , 2020, 15, e0243414.	1.1	11
34	The safety and efficacy of direct oral challenge in trimethoprim-sulfamethoxazole antibiotic allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3847-3849.	2.0	9
35	Delayed hypersensitivity associated with amoxicillin-clavulanate. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2700-2702.	2.7	7
36	Risk factors for readmission following inpatient management of COVID-19 in a low-prevalence setting. <i>Internal Medicine Journal</i> , 2021, 51, 821-823.	0.5	7

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37	Penicillin Allergy Delabeling Program: an exploratory economic evaluation in the Australian context. <i>Internal Medicine Journal</i> , 2023, 53, 74-83.	0.5	7
38	The comparative epidemiology and outcomes of hospitalized patients treated with SGLT2 or DPP4 inhibitors. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 108052.	1.2	7
39	The use of procalcitonin as an antimicrobial stewardship tool and a predictor of disease severity in coronavirus disease 2019 (COVID-19). <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-3.	1.0	6
40	Matched Case-Control Study of the Long-Term Impact of Beta-Lactam Antibiotic Allergy Testing. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	5
41	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
42	Insulin therapy associated relative hypoglycemia during critical illness. <i>Journal of Critical Care</i> , 2022, 70, 154018.	1.0	5
43	High prevalence of antibiotic allergies in cladribine-treated patients with hairy cell leukemia â€“ lessons for immunopathogenesis and prescribing. <i>Leukemia and Lymphoma</i> , 2019, 60, 3455-3460.	0.6	4
44	Are surgical masks manufactured from sterilisation wrap safe?. <i>Infection, Disease and Health</i> , 2021, 26, 104-109.	0.5	4
45	Fulminant meningococcal sepsis due to nonâ€“groupable <i>Neisseria meningitidis</i> in a patient receiving eculizumab. <i>Medical Journal of Australia</i> , 2018, 208, 478-479.	0.8	3
46	No Fever, No Worries? A Retrospective Audit of Bacteraemic Patients in the Emergency Department. <i>Internal Medicine Journal</i> , 2020, , .	0.5	3
47	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
48	Cure of Limb-Threatening XDR <i>Pseudomonas aeruginosa</i> Infection: Combining Genome Sequencing, Therapeutic Drug Level Monitoring, and Surgical Debridement. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofaa572.	0.4	3
49	An unexpected diagnosis of human immunodeficiency virus-2 infection in an overseas visitor: a case report. <i>BMC Research Notes</i> , 2017, 10, 116.	0.6	2
50	Prolonged PCR positivity in health care workers with COVID â€“19: implications for practice guidelines. <i>Medical Journal of Australia</i> , 2020, 213, 430.	0.8	2
51	Identifying patterns in unplanned hospital admissions during the <scp>COVID</scp> â€“19 pandemic: a singleâ€“centre retrospective study. <i>Internal Medicine Journal</i> , 2021, 51, 868-872.	0.5	2
52	Estimating baseline kidney function in hospitalized adults with acute kidney injury. <i>Nephrology</i> , 2022, 27, 588-600.	0.7	2
53	Subsegmental pulmonary embolism and anticoagulant therapy: the impact of clinical context. <i>Internal Medicine Journal</i> , 2023, 53, 1435-1443.	0.5	2
54	Echocardiography has low utility in cancer patients with <i>Staphylococcus aureus</i> bacteraemia: findings from a retrospective study. <i>Supportive Care in Cancer</i> , 2018, 26, 3083-3089.	1.0	1

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55	Immunosuppressed Returned Traveler With Ulcerating Skin Lesion and Fever. <i>Clinical Infectious Diseases</i> , 2019, 68, 1747-1749.	2.9	1
56	<i>Bartonella</i> Quintanaprosthetic aortitis successfully treated with doxycycline. <i>BMJ Case Reports</i> , 2019, 12, e229877.	0.2	1
57	Temporal differences in culturable severe acute respiratory coronavirus virus 2 (SARS-CoV-2) from the respiratory and gastrointestinal tracts in a patient with moderate coronavirus disease 2019 (COVID-19). <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 1286-1288.	1.0	1
58	Using language descriptors to recognise delirium: a survey of clinicians and medical coders to identify delirium-suggestive words. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2019, 21, 299-302.	0.0	1
59	Use of a buprenorphine-based pain management protocol is associated with reduced opioid requirements and pain on swallowing in oral mucositis: a retrospective cohort study. <i>Supportive Care in Cancer</i> , 2022, 30, 6013-6020.	1.0	1
60	Confusion regarding the use of Natural Language Processing in ICU delirium assessment. Author's reply. <i>Intensive Care Medicine</i> , 2022, 48, 983-984.	3.9	1
61	Combination Therapy Did Not Reduce 30-Day Treatment Failure in Patients With <i>Staphylococcus aureus</i> Bacteremia (SAB). <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
62	Prediction Model to Identify Patients at Risk of 30-Day Treatment Failure in Patients With <i>Staphylococcus aureus</i> Bacteremia. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
63	The Long-term Impact of Beta-lactam Antibiotic Allergy Testing - A Matched Case-control Study. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, AB15.	1.5	0
64	Natural language processing to assess the epidemiology of delirium-suggestive behavioural disturbances in critically ill patients. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2021, 23, 144-153.	0.0	0
65	412. Host Response Biomarkers Predict Clinical Failure in Patients with <i>Staphylococcus aureus</i> Bacteremia (SAB) Treated with Flucloxacillin (FLU) or Vancomycin (VAN). <i>Open Forum Infectious Diseases</i> , 2019, 6, S208-S209.	0.4	0