Derek R Macfadden

List of Publications by Year
in descending order

57 papers	2,949 citations	361413 20 h-index	182427 51 g-index
63 all docs	63 docs citations	63 times ranked	4625 citing authors

#	Article	IF	Citations
1	Bacterial co-infection and secondary infection in patients with COVID-19: a living rapid review and meta-analysis. Clinical Microbiology and Infection, 2020, 26, 1622-1629.	6.0	1,043
2	Antibiotic prescribing in patients with COVID-19: rapid review and meta-analysis. Clinical Microbiology and Infection, 2021, 27, 520-531.	6.0	512
3	Antibiotic resistance increases with local temperature. Nature Climate Change, 2018, 8, 510-514.	18.8	287
4	Assessment of the potential for international dissemination of Ebola virus via commercial air travel during the 2014 west African outbreak. Lancet, The, 2015, 385, 29-35.	13.7	198
5	The distribution of antibiotic use and its association with antibiotic resistance. ELife, 2018, 7, .	6.0	132
6	Trends in outpatient antibiotic use and prescribing practice among US older adults, 2011-15: observational study. BMJ: British Medical Journal, 2018, 362, k3155.	2.3	58
7	Rates of increase of antibiotic resistance and ambient temperature in Europe: a cross-national analysis of 28 countries between 2000 and 2016. Eurosurveillance, 2020, 25, .	7.0	46
8	Predictors and microbiology of respiratory and bloodstream bacterial infection in patients with COVID-19: living rapid review update and meta-regression. Clinical Microbiology and Infection, 2022, 28, 491-501.	6.0	45
9	Prevalence and Mortality Associated with Bloodstream Organisms: a Population-Wide Retrospective Cohort Study. Journal of Clinical Microbiology, 2022, 60, e0242921.	3.9	39
10	Empiric Antibiotic Treatment Thresholds for Serious Bacterial Infections: A Scenario-based Survey Study. Clinical Infectious Diseases, 2019, 69, 930-937.	5.8	37
11	Evaluating sex differences in population-based utilization of implantable cardioverter-defibrillators: Role of cardiac conditions and noncardiac comorbidities. Heart Rhythm, 2009, 6, 1289-1296.	0.7	36
12	Antimicrobial resistance prevalence, rates of hospitalization with septicemia and rates of mortality with sepsis in adults in different US states. International Journal of Antimicrobial Agents, 2019, 54, 23-34.	2.5	35
13	Predictive Utility of Prior Positive Urine Cultures. Clinical Infectious Diseases, 2014, 59, 1265-1271.	5.8	34
14	The impact of COVID-19 on community antibiotic use in Canada: an ecological study. Clinical Microbiology and Infection, 2022, 28, 426-432.	6.0	34
15	A Platform for Monitoring Regional Antimicrobial Resistance, Using Online Data Sources: ResistanceOpen. Journal of Infectious Diseases, 2016, 214, S393-S398.	4.0	28
16	Evaluating the Relationship Between Hospital Antibiotic Use and Antibiotic Resistance in Common Nosocomial Pathogens. Infection Control and Hospital Epidemiology, 2017, 38, 1457-1463.	1.8	26
17	Optimizing HIV preâ€exposure prophylaxis implementation among men who have sex with men in a large urban centre: a dynamic modelling study. Journal of the International AIDS Society, 2016, 19, 20791.	3.0	24
18	The Opening and Closing of Empiric Windows: The Impact of Rapid Microbiologic Diagnostics. Clinical Infectious Diseases, 2014, 59, 1199-1200.	5.8	23

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19	The Relative Impact of Community and Hospital Antibiotic Use on the Selection of Extended-spectrum Beta-lactamaseâ€“producing Escherichia coli. Clinical Infectious Diseases, 2019, 69, 182-188.	5.8	23
20	Antibiotic susceptibility reporting and association with antibiotic prescribing: a cohort study. Clinical Microbiology and Infection, 2021, 27, 568-575.	6.0	23
21	Advances in diagnosis, treatment, and prevention of invasive Salmonella infections. Current Opinion in Infectious Diseases, 2016, 29, 453-458.	3.1	22
22	The Benefits and Harms of Antibiotic Prophylaxis for Urinary Tract Infection in Older Adults. Clinical Infectious Diseases, 2021, 73, e782-e791.	5.8	22
23	Improving Decision Making in Empiric Antibiotic Selection (IDEAS) for Gram-negative Bacteremia: A Prospective Clinical Implementation Study. Clinical Infectious Diseases, 2021, 73, e417-e425.	5.8	16
24	A hypothesis for why sodium glucose coâ€transporter 2 inhibitors have been found to cause genital infection, but not urinary tract infection. Diabetes, Obesity and Metabolism, 2020, 22, 755-758.	4.4	15
25	The mobility gap: estimating mobility thresholds required to control SARS-CoV-2 in Canada. Cmaj, 2021, 193, E592-E600.	2.0	15
26	SARS-CoV-2 detection from the built environment and wastewater and its use for hospital surveillance. Facets, 2022, 7, 82-97.	2.4	15
27	Comparing Patient Risk Factor-, Sequence Type-, and Resistance Locus Identification-Based Approaches for Predicting Antibiotic Resistance in Escherichia coli Bloodstream Infections. Journal of Clinical Microbiology, 2019, 57, .	3.9	12
28	Predictive utility of swab screening for vancomycin-resistant Enterococcus in selection of empiric antibiotics for Enterococcus sterile-site infections: a retrospective cohort study. CMAJ Open, 2017, 5, E632-E637.	2.4	11
29	Using Prior Culture Results to Improve Initial Empiric Antibiotic Prescribing: An Evaluation of a Simple Clinical Heuristic. Clinical Infectious Diseases, 2021, 72, e630-e638.	5.8	11
30	Evaluating the contributions of strategies to prevent SARS-CoV-2 transmission in the healthcare setting: a modelling study. BMJ Open, 2021, 11, e044644.	1.9	10
31	Multidrug-resistant Neisseria gonorrhoeae: implications for future treatment strategies. Lancet Infectious Diseases, The, 2018, 18, 599.	9.1	9
32	Evaluation of an OPEN Stewardship generated feedback intervention to improve antibiotic prescribing among primary care veterinarians in Ontario, Canada and Israel: protocol for evaluating usability and an interrupted time-series analysis. BMJ Open, 2021, 11, e039760.	1.9	9
33	Imported and locally acquired human myiasis in Canada: a report of two cases. Cmaj, 2015, 187, 272-275.	2.0	8
34	Impact of Defaulting to Single-Lumen Peripherally Inserted Central Catheters on Patient Outcomes: An Interrupted Time Series Study. Clinical Infectious Diseases, 2018, 67, 954-957.	5.8	7
35	Introducing the Escalation Antibiogram: A Simple Tool to Inform Changes in Empiric Antimicrobials in the Nonresponding Patient. Clinical Infectious Diseases, 2022, 75, 1763-1771.	5.8	7
36	Zika virus infection. Cmaj, 2016, 188, 367-367.	2.0	5

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37	The Collapse of Infectious Disease Diagnoses Commonly Due to Communicable Respiratory Pathogens During the Coronavirus Disease 2019 Pandemic: A Time Series and Hierarchical Clustering Analysis. Open Forum Infectious Diseases, 2022, 9, .	0.9	5
38	Chikungunya. Cmaj, 2014, 186, 775-775.	2.0	4
39	Disseminated blastomycosis with cutaneous involvement in a Canadian railroad worker. Lancet, The, 2015, 385, 883.	13.7	4
40	Rubella in a returned traveller. Cmaj, 2016, 188, 363-366.	2.0	4
41	Potential for Erosion of Efficacy in Noninferiority Trials of Decreasing Duration of Antibiotic Therapy. Clinical Infectious Diseases, 2019, 69, 1262-1262.	5.8	4
42	Predictors and microbiology of respiratory and bloodstream bacterial infection in patients with COVID-19: author's response. Clinical Microbiology and Infection, 2022, 28, 888-889.	6.0	4
43	Persistent epigastric pain in an 80-year-old man. Cmaj, 2011, 183, 925-928.	2.0	3
44	A Tool for Promoting Responsible Antibiotic Prescribing across Settings and Sectors. Online Journal of Public Health Informatics, 2019, 11, .	0.7	3
45	A 69-year-old man with a painful vesicular rash. Cmaj, 2012, 184, 1489-1491.	2.0	2
46	A 25-year-old woman reporting an allergy to penicillin. Cmaj, 2015, 187, 1065-1066.	2.0	2
47	Utility of Urine Cultures in Predicting Blood Culture Susceptibilities in Patients with Bacteremic Urinary Tract Infection. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	2
48	Evaluation of an automated feedback intervention to improve antimicrobial prescribing among primary care physicians (OPEN Stewardship): protocol for an interrupted time-series and usability analysis in Ontario, Canada and Southern Israel. BMJ Open, 2021, 11, e039810.	1.9	2
49	A breast mass in a 56-year-old man. Cmaj, 2011, 183, 1875-1878.	2.0	1
50	An Educational Forum to Engage Infectious Diseases and Microbiology Residents in Resource Stewardship Modelled after the Choosing Wisely Campaign. Canadian Journal of Infectious Diseases and Medical Microbiology, 2015, 26, 231-233.	1.9	1
51	Economic evaluation of HIV pre-exposure prophylaxis strategies: protocol for a methodological systematic review and quantitative synthesis. Systematic Reviews, 2018, 7, 47.	5.3	1
52	Delayed antibiotic tailoring on weekends in methicillin-susceptible Staphylococcus aureus bacteraemia: a multicentre retrospective cohort study. Clinical Microbiology and Infection, 2021, 27, 922-923.	6.0	1
53	Screening Large Population Health Databases for Potential Coronavirus Disease 2019 Therapeutics: A Pharmacopeia-Wide Association Study of Commonly Prescribed Medications. Open Forum Infectious Diseases, 2022, 9, ofac156.	0.9	1
54	Mumps in a 27-year-old man. Cmaj, 2017, 189, E569-E571.	2.0	0

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55	Cognitive Biases to Consider in Non-convulsive Status Epilepticus Presenting in a Hematologic Malignancy. Neurocritical Care, 2020, 33, 847-850.	2.4	0
56	Trends in Interregional Travel to Shopping Malls and Restaurants Before and After Differential COVID-19 Restrictions in the Greater Toronto Area. JAMA Network Open, 2021, 4, e2123139.	5.9	0
57	Polymicrobial Clostridioides difficile lung empyema. Jammi, 0, , .	0.5	0