

# Derek R Macfadden

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The impact of COVID-19 on community antibiotic use in Canada: an ecological study. <i>Clinical Microbiology and Infection</i> , 2022, 28, 426-432.	6.0	34
2	Predictors and microbiology of respiratory and bloodstream bacterial infection in patients with COVID-19: living rapid review update and meta-regression. <i>Clinical Microbiology and Infection</i> , 2022, 28, 491-501.	6.0	45
3	SARS-CoV-2 detection from the built environment and wastewater and its use for hospital surveillance. <i>Facets</i> , 2022, 7, 82-97.	2.4	15
4	Predictors and microbiology of respiratory and bloodstream bacterial infection in patients with COVID-19: author's response. <i>Clinical Microbiology and Infection</i> , 2022, 28, 888-889.	6.0	4
5	Prevalence and Mortality Associated with Bloodstream Organisms: a Population-Wide Retrospective Cohort Study. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0242921.	3.9	39
6	Screening Large Population Health Databases for Potential Coronavirus Disease 2019 Therapeutics: A Pharmacopeia-Wide Association Study of Commonly Prescribed Medications. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac156.	0.9	1
7	Introducing the Escalation Antibigram: A Simple Tool to Inform Changes in Empiric Antimicrobials in the Nonresponding Patient. <i>Clinical Infectious Diseases</i> , 2022, 75, 1763-1771.	5.8	7
8	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. <i>Open Forum Infectious Diseases</i> , 2022, 9, .	0.9	5
9	Improving Decision Making in Empiric Antibiotic Selection (IDEAS) for Gram-negative Bacteremia: A Prospective Clinical Implementation Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e417-e425.	5.8	16
10	Antibiotic susceptibility reporting and association with antibiotic prescribing: a cohort study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 568-575.	6.0	23
11	Using Prior Culture Results to Improve Initial Empiric Antibiotic Prescribing: An Evaluation of a Simple Clinical Heuristic. <i>Clinical Infectious Diseases</i> , 2021, 72, e630-e638.	5.8	11
12	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. <i>BMJ Open</i> , 2021, 11, e039760.	1.9	9
13	The Benefits and Harms of Antibiotic Prophylaxis for Urinary Tract Infection in Older Adults. <i>Clinical Infectious Diseases</i> , 2021, 73, e782-e791.	5.8	22
14	Evaluating the contributions of strategies to prevent SARS-CoV-2 transmission in the healthcare setting: a modelling study. <i>BMJ Open</i> , 2021, 11, e044644.	1.9	10
15	Antibiotic prescribing in patients with COVID-19: rapid review and meta-analysis. <i>Clinical Microbiology and Infection</i> , 2021, 27, 520-531.	6.0	512
16	The mobility gap: estimating mobility thresholds required to control SARS-CoV-2 in Canada. <i>Cmaj</i> , 2021, 193, E592-E600.	2.0	15
17	Delayed antibiotic tailoring on weekends in methicillin-susceptible <i>Staphylococcus aureus</i> bacteraemia: a multicentre retrospective cohort study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 922-923.	6.0	1
18	Trends in Interregional Travel to Shopping Malls and Restaurants Before and After Differential COVID-19 Restrictions in the Greater Toronto Area. <i>JAMA Network Open</i> , 2021, 4, e2123139.	5.9	0

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19	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. <i>BMJ Open</i> , 2021, 11, e039810.	1.9	2
20	Bacterial co-infection and secondary infection in patients with COVID-19: a living rapid review and meta-analysis. <i>Clinical Microbiology and Infection</i> , 2020, 26, 1622-1629.	6.0	1,043
21	Cognitive Biases to Consider in Non-convulsive Status Epilepticus Presenting in a Hematologic Malignancy. <i>Neurocritical Care</i> , 2020, 33, 847-850.	2.4	0
22	A hypothesis for why sodium glucose co-transporter 2 inhibitors have been found to cause genital infection, but not urinary tract infection. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 755-758.	4.4	15
23	Rates of increase of antibiotic resistance and ambient temperature in Europe: a cross-national analysis of 28 countries between 2000 and 2016. <i>Eurosurveillance</i> , 2020, 25, .	7.0	46
24	Comparing Patient Risk Factor-, Sequence Type-, and Resistance Locus Identification-Based Approaches for Predicting Antibiotic Resistance in <i>Escherichia coli</i> Bloodstream Infections. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	12
25	Antimicrobial resistance prevalence, rates of hospitalization with septicemia and rates of mortality with sepsis in adults in different US states. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 23-34.	2.5	35
26	Potential for Erosion of Efficacy in Noninferiority Trials of Decreasing Duration of Antibiotic Therapy. <i>Clinical Infectious Diseases</i> , 2019, 69, 1262-1262.	5.8	4
27	The Relative Impact of Community and Hospital Antibiotic Use on the Selection of Extended-spectrum Beta-lactamase-producing <i>Escherichia coli</i> . <i>Clinical Infectious Diseases</i> , 2019, 69, 182-188.	5.8	23
28	Utility of Urine Cultures in Predicting Blood Culture Susceptibilities in Patients with Bacteremic Urinary Tract Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	2
29	Empiric Antibiotic Treatment Thresholds for Serious Bacterial Infections: A Scenario-based Survey Study. <i>Clinical Infectious Diseases</i> , 2019, 69, 930-937.	5.8	37
30	A Tool for Promoting Responsible Antibiotic Prescribing across Settings and Sectors. <i>Online Journal of Public Health Informatics</i> , 2019, 11, .	0.7	3
31	Impact of Defaulting to Single-Lumen Peripherally Inserted Central Catheters on Patient Outcomes: An Interrupted Time Series Study. <i>Clinical Infectious Diseases</i> , 2018, 67, 954-957.	5.8	7
32	Multidrug-resistant <i>Neisseria gonorrhoeae</i> : implications for future treatment strategies. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 599.	9.1	9
33	Antibiotic resistance increases with local temperature. <i>Nature Climate Change</i> , 2018, 8, 510-514.	18.8	287
34	Trends in outpatient antibiotic use and prescribing practice among US older adults, 2011-15: observational study. <i>BMJ: British Medical Journal</i> , 2018, 362, k3155.	2.3	58
35	Economic evaluation of HIV pre-exposure prophylaxis strategies: protocol for a methodological systematic review and quantitative synthesis. <i>Systematic Reviews</i> , 2018, 7, 47.	5.3	1
36	The distribution of antibiotic use and its association with antibiotic resistance. <i>ELife</i> , 2018, 7, .	6.0	132

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37	Mumps in a 27-year-old man. <i>Cmaj</i> , 2017, 189, E569-E571.	2.0	0
38	Evaluating the Relationship Between Hospital Antibiotic Use and Antibiotic Resistance in Common Nosocomial Pathogens. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 1457-1463.	1.8	26
39	Predictive utility of swab screening for vancomycin-resistant <i>Enterococcus</i> in selection of empiric antibiotics for <i>Enterococcus</i> sterile-site infections: a retrospective cohort study. <i>CMAJ Open</i> , 2017, 5, E632-E637.	2.4	11
40	Optimizing HIV pre-exposure prophylaxis implementation among men who have sex with men in a large urban centre: a dynamic modelling study. <i>Journal of the International AIDS Society</i> , 2016, 19, 20791.	3.0	24
41	A Platform for Monitoring Regional Antimicrobial Resistance, Using Online Data Sources: ResistanceOpen. <i>Journal of Infectious Diseases</i> , 2016, 214, S393-S398.	4.0	28
42	Advances in diagnosis, treatment, and prevention of invasive <i>Salmonella</i> infections. <i>Current Opinion in Infectious Diseases</i> , 2016, 29, 453-458.	3.1	22
43	Rubella in a returned traveller. <i>Cmaj</i> , 2016, 188, 363-366.	2.0	4
44	Zika virus infection. <i>Cmaj</i> , 2016, 188, 367-367.	2.0	5
45	An Educational Forum to Engage Infectious Diseases and Microbiology Residents in Resource Stewardship Modelled after the Choosing Wisely Campaign. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2015, 26, 231-233.	1.9	1
46	Imported and locally acquired human myiasis in Canada: a report of two cases. <i>Cmaj</i> , 2015, 187, 272-275.	2.0	8
47	A 25-year-old woman reporting an allergy to penicillin. <i>Cmaj</i> , 2015, 187, 1065-1066.	2.0	2
48	Disseminated blastomycosis with cutaneous involvement in a Canadian railroad worker. <i>Lancet</i> , The, 2015, 385, 883.	13.7	4
49	Assessment of the potential for international dissemination of Ebola virus via commercial air travel during the 2014 west African outbreak. <i>Lancet</i> , The, 2015, 385, 29-35.	13.7	198
50	Predictive Utility of Prior Positive Urine Cultures. <i>Clinical Infectious Diseases</i> , 2014, 59, 1265-1271.	5.8	34
51	The Opening and Closing of Empiric Windows: The Impact of Rapid Microbiologic Diagnostics. <i>Clinical Infectious Diseases</i> , 2014, 59, 1199-1200.	5.8	23
52	Chikungunya. <i>Cmaj</i> , 2014, 186, 775-775.	2.0	4
53	A 69-year-old man with a painful vesicular rash. <i>Cmaj</i> , 2012, 184, 1489-1491.	2.0	2
54	A breast mass in a 56-year-old man. <i>Cmaj</i> , 2011, 183, 1875-1878.	2.0	1

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55	Persistent epigastric pain in an 80-year-old man. Cmaj, 2011, 183, 925-928.	2.0	3
56	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
57	Polymicrobial Clostridioides difficile lung empyema. Jammi, O, , .	0.5	0