

David N Fisman

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

4,476
citations

201674

27
h-index

128289

60
g-index

113
all docs

113
docs citations

113
times ranked

7793
citing authors

#	ARTICLE	IF	CITATIONS
1	Ten scientific reasons in support of airborne transmission of SARS-CoV-2. <i>Lancet, The</i> , 2021, 397, 1603-1605.	13.7	657
2	Mathematical modelling of COVID-19 transmission and mitigation strategies in the population of Ontario, Canada. <i>Cmaj</i> , 2020, 192, E497-E505.	2.0	326
3	Antibiotic resistance increases with local temperature. <i>Nature Climate Change</i> , 2018, 8, 510-514.	18.8	287
4	Evaluation of the relative virulence of novel SARS-CoV-2 variants: a retrospective cohort study in Ontario, Canada. <i>Cmaj</i> , 2021, 193, E1619-E1625.	2.0	220
5	Risk Factors Associated With Mortality Among Residents With Coronavirus Disease 2019 (COVID-19) in Long-term Care Facilities in Ontario, Canada. <i>JAMA Network Open</i> , 2020, 3, e2015957.	5.9	215
6	Impact of climate and public health interventions on the COVID-19 pandemic: a prospective cohort study. <i>Cmaj</i> , 2020, 192, E566-E573.	2.0	192
7	Duration of Pertussis Immunity After DTaP Immunization: A Meta-analysis. <i>Pediatrics</i> , 2015, 135, 331-343.	2.1	150
8	Early Epidemic Dynamics of the West African 2014 Ebola Outbreak: Estimates Derived with a Simple Two-Parameter Model. <i>PLOS Currents</i> , 2014, 6, .	1.4	144
9	Open access epidemiologic data and an interactive dashboard to monitor the COVID-19 outbreak in Canada. <i>Cmaj</i> , 2020, 192, E420-E420.	2.0	127
10	Estimation of COVID-19 outbreak size in Italy. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 537.	9.1	125
11	Reporting, Epidemic Growth, and Reproduction Numbers for the 2019 Novel Coronavirus (2019-nCoV) Epidemic. <i>Annals of Internal Medicine</i> , 2020, 172, 567.	3.9	118
12	Dynamic Transmission Modeling. <i>Medical Decision Making</i> , 2012, 32, 712-721.	2.4	117
13	Estimation of MERS-Coronavirus Reproductive Number and Case Fatality Rate for the Spring 2014 Saudi Arabia Outbreak: Insights from Publicly Available Data. <i>PLOS Currents</i> , 2014, 6, .	1.4	109
14	Heterogeneity in transmissibility and shedding SARS-CoV-2 via droplets and aerosols. <i>ELife</i> , 2021, 10, .	6.0	106
15	Hospital Ward Antibiotic Prescribing and the Risks of <i>Clostridium difficile</i> Infection. <i>JAMA Internal Medicine</i> , 2015, 175, 626.	5.1	100
16	Investigate the origins of COVID-19. <i>Science</i> , 2021, 372, 694-694.	12.6	92
17	An IDEA for Short Term Outbreak Projection: Nearcasting Using the Basic Reproduction Number. <i>PLoS ONE</i> , 2013, 8, e83622.	2.5	82
18	Alternative Dose Allocation Strategies to Increase Benefits From Constrained COVID-19 Vaccine Supply. <i>Annals of Internal Medicine</i> , 2021, 174, 570-572.	3.9	71

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19	The Magnitude and Duration of Clostridium difficile Infection Risk Associated with Antibiotic Therapy: A Hospital Cohort Study. PLoS ONE, 2014, 9, e105454.	2.5	60
20	Pertussis resurgence in Toronto, Canada: a population-based study including test-incidence feedback modeling. BMC Public Health, 2011, 11, 694.	2.9	49
21	SARS-CoV-2 shedding dynamics across the respiratory tract, sex, and disease severity for adult and pediatric COVID-19. ELife, 2021, 10, .	6.0	44
22	Geographical Variability in the Likelihood of Bloodstream Infections Due to Gram-Negative Bacteria: Correlation with Proximity to the Equator and Health Care Expenditure. PLoS ONE, 2014, 9, e114548.	2.5	42
23	Socio-demographic disparities in knowledge, practices, and ability to comply with COVID-19 public health measures in Canada. Canadian Journal of Public Health, 2021, 112, 363-375.	2.3	40
24	Modelling scenarios of the epidemic of COVID-19 in Canada. Canada Communicable Disease Report, 2020, 46, 198-204.	1.3	39
25	Bidirectional impact of imperfect mask use on reproduction number of COVID-19: A next generation matrix approach. Infectious Disease Modelling, 2020, 5, 405-408.	1.9	38
26	Understanding why superspreading drives the COVID-19 pandemic but not the H1N1 pandemic. Lancet Infectious Diseases, The, 2021, 21, 1203-1204.	9.1	38
27	Sex- and Age-Specific Differences in COVID-19 Testing, Cases, and Outcomes: A Population-Wide Study in Ontario, Canada. Journal of the American Geriatrics Society, 2020, 68, 2188-2191.	2.6	36
28	Estimation of the COVID-19 burden in Egypt through exported case detection. Lancet Infectious Diseases, The, 2020, 20, 894.	9.1	36
29	Impact of El Niño Southern Oscillation on infectious disease hospitalization risk in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14589-14594.	7.1	34
30	Cost-Effectiveness of Enhanced Syphilis Screening among HIV-Positive Men Who Have Sex with Men: A Microsimulation Model. PLoS ONE, 2014, 9, e101240.	2.5	28
31	Estimation of the Health Impact and Cost-Effectiveness of Influenza Vaccination with Enhanced Effectiveness in Canada. PLoS ONE, 2011, 6, e27420.	2.5	27
32	The effect of seasonal respiratory virus transmission on syndromic surveillance for COVID-19 in Ontario, Canada. Lancet Infectious Diseases, The, 2021, 21, 593-594.	9.1	27
33	Impact of population mixing between vaccinated and unvaccinated subpopulations on infectious disease dynamics: implications for SARS-CoV-2 transmission. Cmaj, 2022, 194, E573-E580.	2.0	26
34	The "One Health" Paradigm: Time for Infectious Diseases Clinicians to Take Note?. Canadian Journal of Infectious Diseases and Medical Microbiology, 2010, 21, 111-114.	1.9	25
35	Nuanced risk assessment for emerging infectious diseases. Lancet, The, 2014, 383, 189-190.	13.7	24
36	Go big or go home: impact of screening coverage on syphilis infection dynamics. Sexually Transmitted Infections, 2016, 92, 49-54.	1.9	24

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37	Family and Child Risk Factors for Early-Life RSV Illness. <i>Pediatrics</i> , 2021, 147, .	2.1	24
38	Characterization of Movement Disorder Phenomenology in Genetically Proven, Familial Frontotemporal Lobar Degeneration: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0153852.	2.5	24
39	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0239886.	2.5	24
40	Assessing the impact of environmental exposures and <i>Cryptosporidium</i> infection in cattle on human incidence of cryptosporidiosis in Southwestern Ontario, Canada. <i>PLoS ONE</i> , 2018, 13, e0196573.	2.5	23
41	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
42	Effect of latitude on the rate of change in incidence of Lyme disease in the United States. <i>CMAJ Open</i> , 2013, 1, E43-E47.	2.4	20
43	Derivation and Validation of Clinical Prediction Rules for COVID-19 Mortality in Ontario, Canada. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa463.	0.9	20
44	Estimation of the Underlying Burden of Pertussis in Adolescents and Adults in Southern Ontario, Canada. <i>PLoS ONE</i> , 2013, 8, e83850.	2.5	20
45	Risk for COVID-19 Resurgence Related to Duration and Effectiveness of Physical Distancing in Ontario, Canada. <i>Annals of Internal Medicine</i> , 2020, 173, 675-678.	3.9	19
46	A sub-national real-time epidemiological and vaccination database for the COVID-19 pandemic in Canada. <i>Scientific Data</i> , 2021, 8, 173.	5.3	19
47	COVID-19 Case Age Distribution: Correction for Differential Testing by Age. <i>Annals of Internal Medicine</i> , 2021, 174, 1430-1438.	3.9	19
48	Effects of large-scale oceanic phenomena on non-cholera vibriosis incidence in the United States: implications for climate change. <i>Epidemiology and Infection</i> , 2019, 147, e243.	2.1	17
49	Effectiveness and cost-effectiveness of pediatric rotavirus vaccination in British Columbia: A model-based evaluation. <i>Vaccine</i> , 2012, 30, 7601-7607.	3.8	16
50	Relatedness of the incidence decay with exponential adjustment (IDEA) model, "Farr's law" and SIR compartmental difference equation models. <i>Infectious Disease Modelling</i> , 2018, 3, 1-12.	1.9	14
51	The IDEA model: A single equation approach to the Ebola forecasting challenge. <i>Epidemics</i> , 2018, 22, 71-77.	3.0	14
52	Can enhanced screening of men with a history of prior syphilis infection stem the epidemic in men who have sex with men? A mathematical modelling study. <i>Sexually Transmitted Infections</i> , 2018, 94, 105-110.	1.9	14
53	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) seroprevalence: Navigating the absence of a gold standard. <i>PLoS ONE</i> , 2021, 16, e0257743.	2.5	13
54	Self-rated health and reasons for non-vaccination against seasonal influenza in Canadian adults with asthma. <i>PLoS ONE</i> , 2017, 12, e0172117.	2.5	13

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55	The epidemiology of MERS-CoV. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 6-7.	9.1	12
56	Quantifying contact patterns in response to COVID-19 public health measures in Canada. <i>BMC Public Health</i> , 2021, 21, 2040.	2.9	12
57	Age-Specific Changes in Virulence Associated with SARS-CoV-2 Variants of Concern. <i>Clinical Infectious Diseases</i> , 2022, , .	5.8	12
58	The Sounds of Silence: Public Goods, Externalities, and the Value of Infectious Disease Control Programs. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2009, 20, 39-41.	1.9	11
59	Modelling the transmission dynamics of <i>Campylobacter</i> in Ontario, Canada, assuming house flies, <i>Musca domestica</i> , are a mechanical vector of disease transmission. <i>Royal Society Open Science</i> , 2019, 6, 181394.	2.4	11
60	Association of Influenza Activity and Environmental Conditions With the Risk of Invasive Pneumococcal Disease. <i>JAMA Network Open</i> , 2020, 3, e2010167.	5.9	11
61	Age Is Just a Number: A Critically Important Number for COVID-19 Case Fatality. <i>Annals of Internal Medicine</i> , 2020, 173, 762-763.	3.9	10
62	The effect of average temperature on suicide rates in five urban California counties, 1999–2019: an ecological time series analysis. <i>BMC Public Health</i> , 2021, 21, 974.	2.9	10
63	The Influence of Climate and Livestock Reservoirs on Human Cases of Giardiasis. <i>EcoHealth</i> , 2019, 16, 116-127.	2.0	9
64	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
65	Relative Virulence of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Among Vaccinated and Unvaccinated Individuals Hospitalized With SARS-CoV-2. <i>Clinical Infectious Diseases</i> , 2023, 76, e409-e415.	5.8	9
66	A Randomized, Placebo Controlled Pilot Trial of Botulinum Toxin for Paratonic Rigidity in People with Advanced Cognitive Impairment. <i>PLoS ONE</i> , 2014, 9, e114733.	2.5	8
67	Resistance of SARS-CoV-2 beta and gamma variants to plasma collected from Canadian blood donors during the spring of 2020. <i>Transfusion</i> , 2021, , .	1.6	8
68	Estimating SARS-CoV-2 Seroprevalence in Canadian Blood Donors, April 2020 to March 2021: Improving Accuracy with Multiple Assays. <i>Microbiology Spectrum</i> , 2022, 10, e0256321.	3.0	8
69	Sexually Transmitted Infections in Canada: A Sticky Situation. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2011, 22, 80-82.	1.9	7
70	Cystic fibrosis heterozygosity: Carrier state or haploinsufficiency?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2740-2742.	7.1	7
71	Transmission of SARS-CoV-2: still up in the air – Authors' reply. <i>Lancet</i> , The, 2022, 399, 519-520.	13.7	7
72	Hospital admission for community-acquired pneumonia in a First Nations population. <i>Canadian Journal of Rural Medicine: the Official Journal of the Society of Rural Physicians of Canada = Journal Canadien De La Médecine Rurale: Le Journal Officiel De La Société Des Médecins Ruraux Du Canada</i> , 2014, 19, 135-41.	0.4	7

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73	Ebola: no time to waste. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1164-1165.	9.1	6
74	Have you herd? Indirect flu vaccine effects are critically important. <i>Lancet Public Health</i> , The, 2017, 2, e57-e58.	10.0	6
75	Seasonal Influenza Forecasting in Real Time Using the Incidence Decay With Exponential Adjustment Model. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx166.	0.9	6
76	Asymptomatic infection is the pandemic's dark matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	6
77	Comparison of longitudinal trends in self-reported symptoms and COVID-19 case activity in Ontario, Canada. <i>PLoS ONE</i> , 2022, 17, e0262447.	2.5	6
78	The health and economic burden of pertussis in Canada: A microsimulation study. <i>Vaccine</i> , 2019, 37, 7240-7247.	3.8	5
79	Identifying the environmental drivers of <i>Campylobacter</i> infection risk in southern Ontario, Canada using a One Health approach. <i>Zoonoses and Public Health</i> , 2020, 67, 516-524.	2.2	4
80	Palivizumab's real-world effectiveness: a population-based study in Ontario, Canada, 1993-2017. <i>Archives of Disease in Childhood</i> , 2021, 106, 173-179.	1.9	4
81	Annals On Call - Understanding the Spread of COVID-19. <i>Annals of Internal Medicine</i> , 2020, 172, OC1.	3.9	4
82	Frequency and patterns of exposure to live poultry and the potential risk of avian influenza transmission to humans in urban Bangladesh. <i>Scientific Reports</i> , 2021, 11, 21880.	3.3	4
83	Severity of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection in Pregnancy in Ontario: A Matched Cohort Analysis. <i>Clinical Infectious Diseases</i> , 2023, 76, e200-e206.	5.8	4
84	Guess Who's Coming to Dinner? Emerging Foodborne Zoonoses. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2010, 21, 8-10.	1.9	3
85	Of Time and the River: How Our Understanding of Legionellosis Has Changed Since 1976. <i>Journal of Infectious Diseases</i> , 2018, 217, 171-173.	4.0	3
86	Routinized Syphilis Screening Among Men Living With Human Immunodeficiency Virus: A Stepped Wedge Cluster Randomized Controlled Trial. <i>Clinical Infectious Diseases</i> , 2021, , .	5.8	3
87	Population Health Surveillance Using Mobile Phone Surveys in Low- and Middle-Income Countries: Methodology and Sample Representativeness of a Cross-sectional Survey of Live Poultry Exposure in Bangladesh. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e29020.	2.6	3
88	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
89	Sporadic SARS-CoV-2 cases at the neighbourhood level in Toronto, Ontario, 2020: a spatial analysis of the early pandemic period. <i>CMAJ Open</i> , 2022, 10, E190-E195.	2.4	2
90	Influenza Mixes Its Pitches: Lessons Learned to Date from the Influenza A (H1N1) Pandemic. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2009, 20, 89-91.	1.9	1

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91	The DAGs of war. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23880-23882.	7.1	1
92	Estimation of COVID-19 burden in Egypt – Authors' reply. Lancet Infectious Diseases, The, 2020, 20, 897-898.	9.1	1
93	Involuntary isolation: interpreting mental health legislation during the COVID-19 pandemic. British Journal of Psychiatry, 0, , 1-3.	2.8	1
94	Universal healthcare and the pandemic mortality gap. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	1
95	The Time of Cholera. Canadian Journal of Infectious Diseases and Medical Microbiology, 2011, 22, 7-9.	1.9	0
96	1795Above and Beyond Individual Exposure: Ward-level Antibiotic Prescribing Is the Principal Predictor of Increased Clostridium difficile Infection (CDI) Risk. Open Forum Infectious Diseases, 2014, 1, S61-S61.	0.9	0
97	The Epidemiology of Sexual Partnerships – It's Complicated. JAMA Network Open, 2018, 1, e185997.	5.9	0
98	The Association Between Self-Reported Non-Injection Cocaine Use and Hepatitis C in the United States: An Analysis of the National Health and Nutrition Examination Survey. Journal of Studies on Alcohol and Drugs, 2022, 83, 195-201.	1.0	0
99	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.		0
100	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.		0
101	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.		0
102	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.		0
103	The Association Between Self-Reported Non-Injection Cocaine Use and Hepatitis C in the United States: An Analysis of the National Health and Nutrition Examination Survey.. Journal of Studies on Alcohol and Drugs, 2022, 83, 195-201.	1.0	0