

# 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  | 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         |
| 2  | 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         |
| 3  | 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         |
| 4  | Transmission of SARS-CoV-2: still up in the air – Authors' reply. <i>Lancet, The</i> , 2022, 399, 519-520.  | 13.7 | 7         |
| 5  | 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         |
| 6  | 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         |
| 7  | Age-Specific Changes in Virulence Associated with SARS-CoV-2 Variants of Concern. <i>Clinical Infectious Diseases</i> , 2022, , .   | 5.8  | 12        |
| 8  | 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. <i>Journal of Studies on Alcohol and Drugs</i> , 2022, 83, 195-201.                                      | 1.0  | 0         |
| 9  | Impact of population mixing between vaccinated and unvaccinated subpopulations on infectious disease dynamics: implications for SARS-CoV-2 transmission. <i>Cmaj</i> , 2022, 194, E573-E580.  | 2.0  | 26        |
| 10 | 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.. <i>Journal of Studies on Alcohol and Drugs</i> , 2022, 83, 195-201.                                     | 1.0  | 0         |
| 11 | Universal healthcare and the pandemic mortality gap. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .  | 7.1  | 1         |
| 12 | 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         |
| 13 | 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         |
| 14 | Family and Child Risk Factors for Early-Life RSV Illness. <i>Pediatrics</i> , 2021, 147, .  | 2.1  | 24        |
| 15 | Socio-demographic disparities in knowledge, practices, and ability to comply with COVID-19 public health measures in Canada. <i>Canadian Journal of Public Health</i> , 2021, 112, 363-375.   | 2.3  | 40        |
| 16 | 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        |
| 17 | Heterogeneity in transmissibility and shedding SARS-CoV-2 via droplets and aerosols. <i>ELife</i> , 2021, 10, .   | 6.0  | 106       |
| 18 | Investigate the origins of COVID-19. <i>Science</i> , 2021, 372, 694-694.   | 12.6 | 92        |

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|----|---|------|-----------|
| 19 | Ten scientific reasons in support of airborne transmission of SARS-CoV-2. <i>Lancet</i> , The, 2021, 397, 1603-1605.  | 13.7 | 657       |
| 20 | The effect of average temperature on suicide rates in five urban California counties, 1999â€”2019: an ecological time series analysis. <i>BMC Public Health</i> , 2021, 21, 974.  | 2.9  | 10        |
| 21 | The effect of seasonal respiratory virus transmission on syndromic surveillance for COVID-19 in Ontario, Canada. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 593-594.  | 9.1  | 27        |
| 22 | 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         |
| 23 | 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        |
| 24 | SARS-CoV-2 shedding dynamics across the respiratory tract, sex, and disease severity for adult and pediatric COVID-19. <i>ELife</i> , 2021, 10, .   | 6.0  | 44        |
| 25 | COVID-19 Case Age Distribution: Correction for Differential Testing by Age. <i>Annals of Internal Medicine</i> , 2021, 174, 1430-1438.  | 3.9  | 19        |
| 26 | Asymptomatic infection is the pandemicâ€™s dark matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .   | 7.1  | 6         |
| 27 | 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        |
| 28 | Understanding why superspreading drives the COVID-19 pandemic but not the H1N1 pandemic. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1203-1204.  | 9.1  | 38        |
| 29 | 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         |
| 30 | 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       |
| 31 | Resistance of SARSâ€”CoV â€”2 beta and gamma variants to plasma collected from Canadian blood donors during the spring of 2020. <i>Transfusion</i> , 2021, , .  | 1.6  | 8         |
| 32 | 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         |
| 33 | Quantifying contact patterns in response to COVID-19 public health measures in Canada. <i>BMC Public Health</i> , 2021, 21, 2040.   | 2.9  | 12        |
| 34 | 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         |
| 35 | 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        |
| 36 | Bidirectional impact of imperfect mask use on reproduction number of COVID-19: A next generation matrix approach. <i>Infectious Disease Modelling</i> , 2020, 5, 405-408.   | 1.9  | 38        |

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|----|---|-----|-----------|
| 37 | 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       |
| 38 | 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       |
| 39 | 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        |
| 40 | 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        |
| 41 | Sex and Age-specific Differences in COVID-19 Testing, Cases, and Outcomes: A Population-wide Study in Ontario, Canada. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 2188-2191. | 2.6 | 36        |
| 42 | 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        |
| 43 | 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         |
| 44 | 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       |
| 45 | 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       |
| 46 | Estimation of COVID-19 outbreak size in Italy. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 537.  | 9.1 | 125       |
| 47 | Estimation of the COVID-19 burden in Egypt through exported case detection. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 894.   | 9.1 | 36        |
| 48 | Estimation of COVID-19 burden in Egypt – Authors' reply. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 897-898.  | 9.1 | 1         |
| 49 | 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         |
| 50 | 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       |
| 51 | Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0239886.   | 2.5 | 24        |
| 52 | Modelling scenarios of the epidemic of COVID-19 in Canada. <i>Canada Communicable Disease Report</i> , 2020, 46, 198-204.   | 1.3 | 39        |
| 53 | Annals On Call - Understanding the Spread of COVID-19. <i>Annals of Internal Medicine</i> , 2020, 172, OC1.   | 3.9 | 4         |
| 54 | Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.   |     | 0         |

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|----|--|------|-----------|
| 55 | Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.  |      | 0         |
| 56 | Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.  |      | 0         |
| 57 | Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.  |      | 0         |
| 58 | 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        |
| 59 | The health and economic burden of pertussis in Canada: A microsimulation study. <i>Vaccine</i> , 2019, 37, 7240-7247.  | 3.8  | 5         |
| 60 | 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        |
| 61 | The DAGs of war. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23880-23882.  | 7.1  | 1         |
| 62 | 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        |
| 63 | The Influence of Climate and Livestock Reservoirs on Human Cases of Giardiasis. <i>EcoHealth</i> , 2019, 16, 116-127.  | 2.0  | 9         |
| 64 | 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         |
| 65 | 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        |
| 66 | The IDEA model: A single equation approach to the Ebola forecasting challenge. <i>Epidemics</i> , 2018, 22, 71-77.   | 3.0  | 14        |
| 67 | 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        |
| 68 | The Epidemiology of Sexual Partnerships' Complicated. <i>JAMA Network Open</i> , 2018, 1, e185997.   | 5.9  | 0         |
| 69 | Antibiotic resistance increases with local temperature. <i>Nature Climate Change</i> , 2018, 8, 510-514.   | 18.8 | 287       |
| 70 | 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        |
| 71 | Have you herd? Indirect flu vaccine effects are critically important. <i>Lancet Public Health</i> , The, 2017, 2, e57-e58.   | 10.0 | 6         |
| 72 | 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         |

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|----|---|------|-----------|
| 73 | Self-rated health and reasons for non-vaccination against seasonal influenza in Canadian adults with asthma. PLoS ONE, 2017, 12, e0172117.  | 2.5  | 13        |
| 74 | 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        |
| 75 | Go big or go home: impact of screening coverage on syphilis infection dynamics. Sexually Transmitted Infections, 2016, 92, 49-54.   | 1.9  | 24        |
| 76 | Characterization of Movement Disorder Phenomenology in Genetically Proven, Familial Frontotemporal Lobar Degeneration: A Systematic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0153852.   | 2.5  | 24        |
| 77 | Duration of Pertussis Immunity After DTaP Immunization: A Meta-analysis. Pediatrics, 2015, 135, 331-343.  | 2.1  | 150       |
| 78 | Hospital Ward Antibiotic Prescribing and the Risks of Clostridium difficile Infection. JAMA Internal Medicine, 2015, 175, 626.  | 5.1  | 100       |
| 79 | 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        |
| 80 | 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        |
| 81 | A Randomized, Placebo Controlled Pilot Trial of Botulinum Toxin for Paratonic Rigidity in People with Advanced Cognitive Impairment. PLoS ONE, 2014, 9, e114733.  | 2.5  | 8         |
| 82 | Above 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         |
| 83 | Ebola: no time to waste. Lancet Infectious Diseases, The, 2014, 14, 1164-1165.  | 9.1  | 6         |
| 84 | The epidemiology of MERS-CoV. Lancet Infectious Diseases, The, 2014, 14, 6-7.   | 9.1  | 12        |
| 85 | Nuanced risk assessment for emerging infectious diseases. Lancet, The, 2014, 383, 189-190.  | 13.7 | 24        |
| 86 | Early Epidemic Dynamics of the West African 2014 Ebola Outbreak: Estimates Derived with a Simple Two-Parameter Model. PLOS Currents, 2014, 6, .   | 1.4  | 144       |
| 87 | Estimation of MERS-Coronavirus Reproductive Number and Case Fatality Rate for the Spring 2014 Saudi Arabia Outbreak: Insights from Publicly Available Data. PLOS Currents, 2014, 6, .   | 1.4  | 109       |
| 88 | 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        |
| 89 | Hospital admission for community-acquired pneumonia in a First Nations population. 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. 2014, 19, 135-41. | 0.4  | 7         |
| 90 | Effect of latitude on the rate of change in incidence of Lyme disease in the United States. CMAJ Open, 2013, 1, E43-E47.  | 2.4  | 20        |

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|-----|--|-----|-----------|
| 91  | An IDEA for Short Term Outbreak Projection: Nearcasting Using the Basic Reproduction Number. PLoS ONE, 2013, 8, e83622.  | 2.5 | 82        |
| 92  | Estimation of the Underlying Burden of Pertussis in Adolescents and Adults in Southern Ontario, Canada. PLoS ONE, 2013, 8, e83850.   | 2.5 | 20        |
| 93  | Dynamic Transmission Modeling. Medical Decision Making, 2012, 32, 712-721.   | 2.4 | 117       |
| 94  | Effectiveness and cost-effectiveness of pediatric rotavirus vaccination in British Columbia: A model-based evaluation. Vaccine, 2012, 30, 7601-7607.   | 3.8 | 16        |
| 95  | Sexually Transmitted Infections in Canada: A Sticky Situation. Canadian Journal of Infectious Diseases and Medical Microbiology, 2011, 22, 80-82.  | 1.9 | 7         |
| 96  | The Time of Cholera. Canadian Journal of Infectious Diseases and Medical Microbiology, 2011, 22, 7-9.  | 1.9 | 0         |
| 97  | Estimation of the Health Impact and Cost-Effectiveness of Influenza Vaccination with Enhanced Effectiveness in Canada. PLoS ONE, 2011, 6, e27420.  | 2.5 | 27        |
| 98  | Pertussis resurgence in Toronto, Canada: a population-based study including test-incidence feedback modeling. BMC Public Health, 2011, 11, 694.  | 2.9 | 49        |
| 99  | 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        |
| 100 | Guess Who's Coming to Dinner? Emerging Foodborne Zoonoses. Canadian Journal of Infectious Diseases and Medical Microbiology, 2010, 21, 8-10.   | 1.9 | 3         |
| 101 | The Sounds of Silence: Public Goods, Externalities, and the Value of Infectious Disease Control Programs. Canadian Journal of Infectious Diseases and Medical Microbiology, 2009, 20, 39-41. | 1.9 | 11        |
| 102 | Influenza Mixes Its Pitches: Lessons Learned to Date from the Influenza A (H1N1) Pandemic. Canadian Journal of Infectious Diseases and Medical Microbiology, 2009, 20, 89-91.                | 1.9 | 1         |
| 103 | Involuntary isolation: interpreting mental health legislation during the COVID-19 pandemic. British Journal of Psychiatry, 0, , 1-3.   | 2.8 | 1         |