Ashleigh R Tuite

List of Publications by Year
in descending order

97 papers	3,927 citations	212478 28 h-index	175968 55 g-index
124 all docs	124 docs citations	124 times ranked	6731 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. Clinical Infectious Diseases, 2023, 76, e409-e415.	2.9	9
2	Severity of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection in Pregnancy in Ontario: A Matched Cohort Analysis. Clinical Infectious Diseases, 2023, 76, e200-e206.	2.9	4
3	Comparison of longitudinal trends in self-reported symptoms and COVID-19 case activity in Ontario, Canada. PLoS ONE, 2022, 17, e0262447.	1.1	6
4	Sporadic SARS-CoV-2 cases at the neighbourhood level in Toronto, Ontario, 2020: a spatial analysis of the early pandemic period. CMAJ Open, 2022, 10, E190-E195.	1.1	2
5	Estimating SARS-CoV-2 Seroprevalence in Canadian Blood Donors, April 2020 to March 2021: Improving Accuracy with Multiple Assays. Microbiology Spectrum, 2022, 10, e0256321.	1.2	8
6	Age-Specific Changes in Virulence Associated with SARS-CoV-2 Variants of Concern. Clinical Infectious Diseases, 2022, , .	2.9	12
7	Impact of population mixing between vaccinated and unvaccinated subpopulations on infectious disease dynamics: implications for SARS-CoV-2 transmission. Cmaj, 2022, 194, E573-E580.	0.9	26
8	Modelling airport catchment areas to anticipate the spread of infectious diseases across land and air travel. Spatial and Spatio-temporal Epidemiology, 2021, 36, 100380.	0.9	10
9	Temporal Associations between Community Incidence of COVID-19 and Nursing Home Outbreaks in Ontario, Canada. Journal of the American Medical Directors Association, 2021, 22, 260-262.	1.2	11
10	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.	1.1	40
11	Alternative Dose Allocation Strategies to Increase Benefits From Constrained COVID-19 Vaccine Supply. Annals of Internal Medicine, 2021, 174, 570-572.	2.0	71
12	The effect of seasonal respiratory virus transmission on syndromic surveillance for COVID-19 in Ontario, Canada. Lancet Infectious Diseases, The, 2021, 21, 593-594.	4.6	27
13	A sub-national real-time epidemiological and vaccination database for the COVID-19 pandemic in Canada. Scientific Data, 2021, 8, 173.	2.4	19
14	COVID-19 Case Age Distribution: Correction for Differential Testing by Age. Annals of Internal Medicine, 2021, 174, 1430-1438.	2.0	19
15	Asymptomatic infection is the pandemicâ€™s dark matter. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	6
16	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) seroprevalence: Navigating the absence of a gold standard. PLoS ONE, 2021, 16, e0257743.	1.1	13
17	Evaluation of the relative virulence of novel SARS-CoV-2 variants: a retrospective cohort study in Ontario, Canada. Cmaj, 2021, 193, E1619-E1625.	0.9	220
18	Resistance of SARSâ€CoV â€2 beta and gamma variants to plasma collected from Canadian blood donors during the spring of 2020. Transfusion, 2021, , .	0.8	8

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19	Quantifying contact patterns in response to COVID-19 public health measures in Canada. BMC Public Health, 2021, 21, 2040.	1.2	12
20	The Potential Population-Level Impact of Different Gonorrhea Screening Strategies in Baltimore and San Francisco: An Exploratory Mathematical Modeling Analysis. Sexually Transmitted Diseases, 2020, 47, 143-150.	0.8	5
21	Global trends in air travel: implications for connectivity and resilience to infectious disease threats. Journal of Travel Medicine, 2020, 27, .	1.4	33
22	Derivation and Validation of Clinical Prediction Rules for COVID-19 Mortality in Ontario, Canada. Open Forum Infectious Diseases, 2020, 7, ofaa463.	0.4	20
23	Bidirectional impact of imperfect mask use on reproduction number of COVID-19: A next generation matrix approach. Infectious Disease Modelling, 2020, 5, 405-408.	1.2	38
24	Risk Factors Associated With Mortality Among Residents With Coronavirus Disease 2019 (COVID-19) in Long-term Care Facilities in Ontario, Canada. JAMA Network Open, 2020, 3, e2015957.	2.8	215
25	Estimation of Coronavirus Disease 2019 Burden and Potential for International Dissemination of Infection FromÂIran. Annals of Internal Medicine, 2020, 173, 74-75.	2.0	1
26	Reporting, Epidemic Growth, and Reproduction Numbers for the 2019 Novel Coronavirus (2019-nCoV) Epidemic. Annals of Internal Medicine, 2020, 172, 567.	2.0	118
27	Estimation of Coronavirus Disease 2019 (COVID-19) Burden and Potential for International Dissemination of Infection From Iran. Annals of Internal Medicine, 2020, 172, 699-701.	2.0	127
28	Risk for COVID-19 Resurgence Related to Duration and Effectiveness of Physical Distancing in Ontario, Canada. Annals of Internal Medicine, 2020, 173, 675-678.	2.0	19
29	Age Is Just a Number: A Critically Important Number for COVID-19 Case Fatality. Annals of Internal Medicine, 2020, 173, 762-763.	2.0	10
30	Shaping the future of the COVID-19 pandemic in Canada. Cmaj, 2020, 192, E1074-E1075.	0.9	2
31	Association of Influenza Activity and Environmental Conditions With the Risk of Invasive Pneumococcal Disease. JAMA Network Open, 2020, 3, e2010167.	2.8	11
32	Open access epidemiologic data and an interactive dashboard to monitor the COVID-19 outbreak in Canada. Cmaj, 2020, 192, E420-E420.	0.9	127
33	Estimation of COVID-19 outbreak size in Italy. Lancet Infectious Diseases, The, 2020, 20, 537.	4.6	125
34	Estimation of the COVID-19 burden in Egypt through exported case detection. Lancet Infectious Diseases, The, 2020, 20, 894.	4.6	36
35	Estimation of COVID-19 burden in Egypt â€“ Authors' reply. Lancet Infectious Diseases, The, 2020, 20, 897-898.	4.6	1
36	Mathematical modelling of COVID-19 transmission and mitigation strategies in the population of Ontario, Canada. Cmaj, 2020, 192, E497-E505.	0.9	326

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37	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. PLoS ONE, 2020, 15, e0239886.	1.1	24
38	Modelling scenarios of the epidemic of COVID-19 in Canada. Canada Communicable Disease Report, 2020, 46, 198-204.	0.6	39
39	Exploring How Epidemic Context Influences Syphilis Screening Impact: A Mathematical Modeling Study. Sexually Transmitted Diseases, 2020, 47, 798-810.	0.8	6
40	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.		0
41	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.		0
42	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.		0
43	Web and phone-based COVID-19 syndromic surveillance in Canada: A cross-sectional study. , 2020, 15, e0239886.		0
44	Measles and the 2019 Hajj: risk of international transmission. Journal of Travel Medicine, 2019, 26, .	1.4	4
45	Ebola virus outbreak in North Kivu and Ituri provinces, Democratic Republic of Congo, and the potential for further transmission through commercial air travel. Journal of Travel Medicine, 2019, 26, .	1.4	23
46	Effects of large-scale oceanic phenomena on non-cholera vibriosis incidence in the United States: implications for climate change. Epidemiology and Infection, 2019, 147, e243.	1.0	17
47	The health and economic burden of pertussis in Canada: A microsimulation study. Vaccine, 2019, 37, 7240-7247.	1.7	5
48	Optimizing Coverage vs Frequency for Sexually Transmitted Infection Screening of Men Who Have Sex With Men. Open Forum Infectious Diseases, 2019, 6, ofz405.	0.4	12
49	Countries at risk of importation of chikungunya virus cases from Southern Thailand: A modeling study. Infectious Disease Modelling, 2019, 4, 251-256.	1.2	5
50	Association between air travel and importation of chikungunya into the USA. Journal of Travel Medicine, 2019, 26, .	1.4	15
51	The DAGs of war. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23880-23882.	3.3	1
52	The Impact of Screening and Partner Notification on Chlamydia Prevalence and Numbers of Infections Averted in the United States, 2000â€“2015: Evaluation of Epidemiologic Trends Using a Pair-Formation Transmission Model. American Journal of Epidemiology, 2019, 188, 545-554.	1.6	16
53	Potential for Seasonal Lassa Fever Case Exportation from Nigeria. American Journal of Tropical Medicine and Hygiene, 2019, 100, 647-651.	0.6	10
54	Relatedness of the incidence decay with exponential adjustment (IDEA) model, â€œFarr's lawâ€•and SIR compartmental difference equation models. Infectious Disease Modelling, 2018, 3, 1-12.	1.2	14

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55	The IDEA model: A single equation approach to the Ebola forecasting challenge. Epidemics, 2018, 22, 71-77.	1.5	14
56	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. Sexually Transmitted Infections, 2018, 94, 105-110.	0.8	14
57	The Epidemiology of Sexual Partnershipsâ€"Itâ€™s Complicated. JAMA Network Open, 2018, 1, e185997.	2.8	0
58	Infectious disease implications of large-scale migration of Venezuelan nationals. Journal of Travel Medicine, 2018, 25, .	1.4	67
59	Estimated Impact of Screening on Gonorrhea Epidemiology in the United States: Insights From a Mathematical Model. Sexually Transmitted Diseases, 2018, 45, 713-722.	0.8	9
60	The Effect of Changes in Cervical Cancer Screening Guidelines on Chlamydia Testing. Annals of Family Medicine, 2017, 15, 329-334.	0.9	17
61	Stochastic agent-based modeling of tuberculosis in Canadian Indigenous communities. BMC Public Health, 2017, 17, 73.	1.2	11
62	Seasonal Influenza Forecasting in Real Time Using the Incidence Decay With Exponential Adjustment Model. Open Forum Infectious Diseases, 2017, 4, ofx166.	0.4	6
63	Impact of El NiÃ±o 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.	3.3	34
64	Go big or go home: impact of screening coverage on syphilis infection dynamics. Sexually Transmitted Infections, 2016, 92, 49-54.	0.8	24
65	Cost-Effectiveness of Enhanced Syphilis Screening among HIV-Positive Men Who Have Sex with Men: A Microsimulation Model. PLoS ONE, 2014, 9, e101240.	1.1	28
66	Ebola: no time to waste. Lancet Infectious Diseases, The, 2014, 14, 1164-1165.	4.6	6
67	The epidemiology of MERS-CoV. Lancet Infectious Diseases, The, 2014, 14, 6-7.	4.6	12
68	Projected Impact of Vaccination Timing and Dose Availability on the Course of the 2014 West African Ebola Epidemic. PLOS Currents, 2014, 6, .	1.4	14
69	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
70	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.	1.1	42
71	Screen more or screen more often? Using mathematical models to inform syphilis control strategies. BMC Public Health, 2013, 13, 606.	1.2	48
72	Number-needed-to-vaccinate calculations: Fallacies associated with exclusion of transmission. Vaccine, 2013, 31, 973-978.	1.7	14

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73	A Conserved Spiral Structure for Highly Diverged Phage Tail Assembly Chaperones. Journal of Molecular Biology, 2013, 425, 2436-2449.	2.0	20
74	Examining rainfall and cholera dynamics in Haiti using statistical and dynamic modeling approaches. Epidemics, 2013, 5, 197-207.	1.5	96
75	Historical Epidemiology of the Second Cholera Pandemic: Relevance to Present Day Disease Dynamics. PLoS ONE, 2013, 8, e72498.	1.1	16
76	An IDEA for Short Term Outbreak Projection: Nearcasting Using the Basic Reproduction Number. PLoS ONE, 2013, 8, e83622.	1.1	82
77	Estimation of the Underlying Burden of Pertussis in Adolescents and Adults in Southern Ontario, Canada. PLoS ONE, 2013, 8, e83850.	1.1	20
78	Estimation of the Burden of Disease and Costs of Genital Chlamydia trachomatis Infection in Canada. Sexually Transmitted Diseases, 2012, 39, 260-267.	0.8	36
79	A Transmission Model of the 2010 Cholera Epidemic in Haiti. Annals of Internal Medicine, 2011, 155, 404.	2.0	0
80	Estimation of the Health Impact and Cost-Effectiveness of Influenza Vaccination with Enhanced Effectiveness in Canada. PLoS ONE, 2011, 6, e27420.	1.1	27
81	Cholera Epidemic in Haiti, 2010: Using a Transmission Model to Explain Spatial Spread of Disease and Identify Optimal Control Interventions. Annals of Internal Medicine, 2011, 154, 593.	2.0	214
82	Cholera, canals, and contagion: Rediscovering Dr Beck's report. Journal of Public Health Policy, 2011, 32, 320-333.	1.0	6
83	Vaccination against 2009 pandemic H1N1 in a population dynamical model of Vancouver, Canada: timing is everything. BMC Public Health, 2011, 11, 932.	1.2	36
84	The Factor XII â^'4C>T Variant and Risk of Common Thrombotic Disorders: A HuGE Review and Meta-Analysis of Evidence From Observational Studies. American Journal of Epidemiology, 2011, 173, 136-144.	1.6	21
85	Spectrum Bias and Loss of Statistical Power in Discordant Couple Studies of Sexually Transmitted Infections. Sexually Transmitted Diseases, 2011, 38, 50-56.	0.8	4
86	Evaluation of Coseasonality of Influenza and Invasive Pneumococcal Disease: Results from Prospective Surveillance. PLoS Medicine, 2011, 8, e1001042.	3.9	43
87	Projected cost-savings with herpes simplex virus screening in pregnancy: towards a new screening paradigm. Sexually Transmitted Infections, 2011, 87, 141-148.	0.8	14
88	Respiratory Virus Infection and Risk of Invasive Meningococcal Disease in Central Ontario, Canada. PLoS ONE, 2010, 5, e15493.	1.1	26
89	Estimated epidemiologic parameters and morbidity associated with pandemic H1N1 influenza. Cmaj, 2010, 182, 131-136.	0.9	212
90	The Crystal Structure of Bacteriophage HK97 gp6: Defining a Large Family of Headâ€“Tail Connector Proteins. Journal of Molecular Biology, 2010, 395, 754-768.	2.0	62

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91	Optimal Pandemic Influenza Vaccine Allocation Strategies for the Canadian Population. PLOS Currents, 2010, 2, RRN1144.	1.4	9
92	Optimal Pandemic Influenza Vaccine Allocation Strategies for the Canadian Population. PLoS ONE, 2010, 5, e10520.	1.1	84
93	Seasonal Influenza Vaccine Allocation in the Canadian Population during a Pandemic. PLOS Currents, 2009, 1, RRN1143.	1.4	7
94	The impact of genomics on the analysis of host resistance to infectious disease. Microbes and Infection, 2006, 8, 1647-1653.	1.0	26
95	A mutation in the Icsbp1 gene causes susceptibility to infection and a chronic myeloid leukemiaâ€“like syndrome in BXH-2 mice. Journal of Experimental Medicine, 2005, 201, 881-890.	4.2	93
96	Dysregulated Inflammatory Response to Candida albicans in a C5-Deficient Mouse Strain. Infection and Immunity, 2004, 72, 5868-5876.	1.0	73
97	A Qualitative Comparison of the Abbott SARS-CoV-2 IgG II Quant Assay against Commonly Used Canadian SARS-CoV-2 Enzyme Immunoassays in Blood Donor Retention Specimens, April 2020 to March 2021. Microbiology Spectrum, 0, , .	1.2	5