Douglas G Manuel

List of Publications by Year in Descending Order

139 papers	4,599 citations	35 h-index	64 g-index
144 ext. papers	5,430 ext. citations	4.6 avg, IF	5.52 L-index

#	Paper	IF	Citations
139	Deep ROC Analysis and AUC as Balanced Average Accuracy, for Improved Classifier Selection, Audit and Explanation.. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2022**, PP,	13.3	11
138	Socioeconomic position and consumption of sugary drinks, sugar-sweetened beverages and 100% juice among Canadians: a cross-sectional analysis of the 2015 Canadian Community Health Survey-Nutrition.. *Canadian Journal of Public Health*, **2022**, 1	3.2	0
137	Real world evidence of the association between medication and life expectancy in elderly inflammatory bowel disease: a population-based cohort study.. *BMC Gastroenterology*, **2022**, 22, 5	3	1
136	Comparison of mortality hazard ratios associated with health behaviours in Canada and the United States: a population-based linked health survey study.. *BMC Public Health*, **2022**, 22, 478	4.1	0
135	Users' perceptions about receiving personalized depression risk information: findings from a qualitative study. *BMC Psychiatry*, **2021**, 21, 581	4.2	
134	A commentary on the value of hospital data for covid-19 pandemic surveillance and planning. *International Journal of Population Data Science*, **2021**, 5, 1393	1.4	
133	Development and validation of a predictive algorithm for risk of dementia in the community setting. *Journal of Epidemiology and Community Health*, **2021**, 75, 843-853	5.1	0
132	Derivation and Internal Validation of a Model to Predict the Probability of Severe Acute Respiratory Syndrome Coronavirus-2 Infection in Community People. *Journal of General Internal Medicine*, **2021**, 36, 162-169	4	2
131	cchsflow: an open science approach to transform and combine population health surveys. *Canadian Journal of Public Health*, **2021**, 112, 714-721	3.2	
130	Predicting death in home care users: derivation and validation of the Risk Evaluation for Support: Predictions for Elder-Life in the Community Tool (RESPECT). *Cmaj*, **2021**, 193, E997-E1005	3.5	2
129	Self-help behaviors partially mediate the relationship between personalized depression risk disclosure and psychological distress: A mediation analysis using data from a randomized controlled trial. *Journal of Psychiatric Research*, **2021**, 140, 7-14	5.2	
128	Five-year risk of admission to long-term care home and death for older adults given a new diagnosis of dementia: a population-based retrospective cohort study. *Cmaj*, **2020**, 192, E422-E430	3.5	9
127	Geographic Access to Stroke Care Services in Rural Communities in Ontario, Canada. *Canadian Journal of Neurological Sciences*, **2020**, 47, 301-308	1	5
126	A Population-Based Study of Diabetes Incidence by Ethnicity and Age: Support for the Development of Ethnic-Specific Prevention Strategies. *Canadian Journal of Diabetes*, **2020**, 44, 394-400	2.1	2
125	A new concordant partial AUC and partial c statistic for imbalanced data in the evaluation of machine learning algorithms. *BMC Medical Informatics and Decision Making*, **2020**, 20, 4	3.6	36
124	Cerebral palsy in Canada, 2011-2031: results of a microsimulation modelling study of epidemiological and cost impacts. *Health Promotion and Chronic Disease Prevention in Canada: Research, Policy and Practice*, **2020**, 40, 25-37	2.2	7
123	A study protocol for a predictive algorithm to assess population-based premature mortality risk: Premature Mortality Population Risk Tool (PreMPoRT). *Diagnostic and Prognostic Research*, **2020**, 4, 18	5.5	3

#		IF	Cit.
122	Life expectancy and health-adjusted life expectancy in people with inflammatory bowel disease. *Cmaj*, **2020**, 192, E1394-E1402	3.5	8
121	The Canadian Health Clock and health calculators. *Canadian Journal of Public Health*, **2020**, 111, 726-736	3.2	
120	International population-based health surveys linked to outcome data: A new resource for public health and epidemiology. *Health Reports*, **2020**, 31, 12-23	4.7	2
119	Smoking patterns based on birth-cohort-specific histories from 1965 to 2013, with projections to 2041. *Health Reports*, **2020**, 31, 16-31	4.7	1
118	Simulation modeling to enhance population health intervention research for chronic disease prevention. *Canadian Journal of Public Health*, **2019**, 110, 52-57	3.2	1
117	Burden of health behaviours and socioeconomic position on health care expenditure in Ontario. *F1000Research*, **2019**, 8, 303	3.6	3
116	Burden of health behaviours and socioeconomic position on health care expenditure in Ontario. *F1000Research*, **2019**, 8, 303	3.6	2
115	Generational Patterns of Asthma Incidence among Immigrants to Canada over Two Decades. A Population-based Cohort Study. *Annals of the American Thoracic Society*, **2019**, 16, 248-257	4.7	5
114	Impact of health care reform on enrolment of immigrants in primary care in Ontario, Canada. *Family Practice*, **2019**, 36, 445-451	1.9	5
113	Risk factors for hypertension in Canada. *Health Reports*, **2019**, 30, 3-13	4.7	82
112	Influence of the workplace on physical activity and cardiometabolic health: Results of the multi-centre cross-sectional Champlain Nurses' study. *International Journal of Nursing Studies*, **2018**, 81, 49-60	5.8	29
111	Immunization and technology among newcomers: A needs assessment survey for a vaccine-tracking app. *Human Vaccines and Immunotherapeutics*, **2018**, 14, 1660-1664	4.4	8
110	Predicting High Health Care Resource Utilization in a Single-payer Public Health Care System: Development and Validation of the High Resource User Population Risk Tool. *Medical Care*, **2018**, 56, e61-e69	3.1	21
109	Personalized risk communication for personalized risk assessment: Real world assessment of knowledge and motivation for six mortality risk measures from an online life expectancy calculator. *Informatics for Health and Social Care*, **2018**, 43, 42-55	2.7	12
108	Development and validation of a cardiovascular disease risk-prediction model using population health surveys: the Cardiovascular Disease Population Risk Tool (CVDPoRT). *Cmaj*, **2018**, 190, E871-E882	3.5	19
107	Associations between physician home visits for the dying and place of death: A population-based retrospective cohort study. *PLoS ONE*, **2018**, 13, e0191322	3.7	35
106	Health Services Use during Transition from Pediatric to Adult Care for Inflammatory Bowel Disease: A Population-Based Study Using Health Administrative Data. *Journal of Pediatrics*, **2018**, 203, 280-287.e4	3.6	13
105	Transitions to long-term and residential care among older Canadians. *Health Reports*, **2018**, 29, 13-23	4.7	20

104   Factors associated with hypertension control among older Canadians. *Health Reports*, **2018**, 29, 3-10   4.7   7

103   Regional variations in ambulatory care and incidence of cardiovascular events. *Cmaj*, **2017**, 189, E494-E501   9.5   29

102   Longitudinal Blood Pressure in Late-Stage Chronic Kidney Disease and the Risk of End-Stage Kidney Disease or Mortality (Best Blood Pressure in Chronic Kidney Disease Study). *Hypertension*, **2017**, 70, 1210-1218   8.5   6

101   Validation of an algorithm to identify children with biopsy-proven celiac disease from within health administrative data: An assessment of health services utilization patterns in Ontario, Canada. *PLoS ONE*, **2017**, 12, e0180338   3.7   5

100   Effectiveness of a hospital-initiated smoking cessation programme: 2-year health and healthcare outcomes. *Tobacco Control*, **2017**, 26, 293-299   5.3   41

99   Association of Universal Bilirubin Screening With Socioeconomic Disparities in Newborn Follow-up. *Academic Pediatrics*, **2017**, 17, 135-143   2.7   5

98   Cardiovascular Risk Factor Management Performance in Canada and the United States: A Systematic Review. *Canadian Journal of Cardiology*, **2017**, 33, 393-404   3.8   18

97   Dementia Population Risk Tool (DemPoRT): study protocol for a predictive algorithm assessing dementia risk in the community. *BMJ Open*, **2017**, 7, e018018   3   7

96   Multiple sclerosis in Canada 2011 to 2031: results of a microsimulation modelling study of epidemiological and economic impacts. *Health Promotion and Chronic Disease Prevention in Canada: Research, Policy and Practice*, **2017**, 37, 37-48   2.2   37

95   Hospitalization rates among economic immigrants to Canada. *Health Reports*, **2017**, 28, 3-10   4.7   4

94   Vaccine-preventable disease-related hospitalization among immigrants and refugees to Canada: Study of linked population-based databases. *Vaccine*, **2016**, 34, 4437-42   4.1   12

93   Algorithm for predicting death among older adults in the home care setting: study protocol for the Risk Evaluation for Support: Predictions for Elder-life in the Community Tool (RESPECT). *BMJ Open*, **2016**, 6, e013666   3   14

92   Alzheimer's and other dementias in Canada, 2011 to 2031: a microsimulation Population Health Modeling (POHEM) study of projected prevalence, health burden, health services, and caregiving use. *Population Health Metrics*, **2016**, 14, 37   3   30

91   Health Services Utilization, Specialist Care, and Time to Diagnosis with Inflammatory Bowel Disease in Immigrants to Ontario, Canada: A Population-Based Cohort Study. *Inflammatory Bowel Diseases*, **2016**, 22, 2482-90   4.5   17

90   The determinants of home and nursing home death: a systematic review and meta-analysis. *BMC Palliative Care*, **2016**, 15, 8   3   82

89   Do Rural Patients in Canada Underutilize Preventive Care for Myocardial Infarction?. *Journal of Rural Health*, **2016**, 32, 345-352   4.6   4

88   Measuring Burden of Unhealthy Behaviours Using a Multivariable Predictive Approach: Life Expectancy Lost in Canada Attributable to Smoking, Alcohol, Physical Inactivity, and Diet. *PLoS Medicine*, **2016**, 13, e1002082   11.6   77

87   Association of Neighborhood Walkability With Change in Overweight, Obesity, and Diabetes. *JAMA - Journal of the American Medical Association*, **2016**, 315, 2211-20   27.4   177

#	Reference	IF	Cites
86	Population health impact of statin treatment in Canada. *Health Reports*, **2016**, 27, 20-8	4.7	9
85	Development and implementation of microsimulation models of neurological conditions. *Health Reports*, **2016**, 27, 3-9	4.7	5
84	Linking the Canadian Community Health Survey and the Canadian Mortality Database: An enhanced data source for the study of mortality. *Health Reports*, **2016**, 27, 10-18	4.7	113
83	Acute care hospitalization of refugees to Canada: Linked data for immigrants from Poland, Vietnam and the Middle East. *Health Reports*, **2016**, 27, 19-26	4.7	28
82	A cross-sectional, population-based study of HIV physicians and outpatient health care use by people with HIV in Ontario. *BMC Health Services Research*, **2015**, 15, 63	2.9	10
81	Inflammatory bowel disease in immigrants to Canada and their children: a population-based cohort study. *American Journal of Gastroenterology*, **2015**, 110, 553-63	0.7	143
80	The Incidence of Major Cardiovascular Events in Immigrants to Ontario, Canada: The CANHEART Immigrant Study. *Circulation*, **2015**, 132, 1549-1559	16.7	64
79	Potentially inappropriate prescribing (PIP) in long-term care (LTC) patients: validation of the 2014 STOPP-START and 2012 Beers criteria in a LTC population--a protocol for a cross-sectional comparison of clinical and health administrative data. *BMJ Open*, **2015**, 5, e009715	3	6
78	Health administrative data can be used to define a shared care typology for people with HIV. *Journal of Clinical Epidemiology*, **2015**, 68, 1301-11	5.7	6
77	The Population Health Model (POHEM): an overview of rationale, methods and applications. *Population Health Metrics*, **2015**, 13, 24	3	29
76	Assessing potentially inappropriate prescribing (PIP) and predicting patient outcomes in Ontario's older population: a population-based cohort study applying subsets of the STOPP/START and Beers' criteria in large health administrative databases. *BMJ Open*, **2015**, 5, e010146	3	14
75	A population-based study evaluating family physicians' HIV experience and care of people living with HIV in Ontario. *Annals of Family Medicine*, **2015**, 13, 436-45	2.9	14
74	A population-based study comparing patterns of care delivery on the quality of care for persons living with HIV in Ontario. *BMJ Open*, **2015**, 5, e007428	3	18
73	Does Higher Spending Improve Survival Outcomes for Myocardial Infarction? Examining the Cost-Outcomes Relationship Using Time-Varying Covariates. *Health Services Research*, **2015**, 50, 1589-603	2.4	6
72	Asthma, type 1 and type 2 diabetes mellitus, and inflammatory bowel disease amongst South Asian immigrants to Canada and their children: a population-based cohort study. *PLoS ONE*, **2015**, 10, e0123599	3.7	33
71	Predicting Stroke Risk Based on Health Behaviours: Development of the Stroke Population Risk Tool (SPoRT). *PLoS ONE*, **2015**, 10, e0143342	3.7	18
70	Comparing Guidelines for Statin Treatment in Canada and the United States. *Journal of the American Heart Association*, **2015**, 4,	6	7
69	Family physician ethnicity influences quality of diabetes care for Chinese but not South Asian patients. *Primary Care Diabetes*, **2015**, 9, 432-8	2.4	4

68   Hospitalization and Mortality Rates in Long-Term Care Facilities: Does For-Profit Status Matter?. *Journal of the American Medical Directors Association*, **2015**, 16, 874-83   5.9   39

67   All-cause and circulatory disease-related hospitalization, by generation status: Evidence from linked data. *Health Reports*, **2015**, 26, 3-9   4.7   3

66   A cross-sectional, population-based study measuring comorbidity among people living with HIV in Ontario. *BMC Public Health*, **2014**, 14, 161   4.1   124

65   Projections of preventable risks for cardiovascular disease in Canada to 2021: a microsimulation modelling approach. *CMAJ Open*, **2014**, 2, E94-E101   2.5   27

64   Direct healthcare costs of acute myocardial infarction in Canada's elderly across the continuum of care. *Journal of the Economics of Ageing*, **2014**, 3, 44-49   1.5   14

63   Survival trends in ESRD patients compared with the general population in the United States. *American Journal of Kidney Diseases*, **2014**, 63, 491-9   7.4   80

62   Risk distribution and its influence on the population targets for diabetes prevention. *Preventive Medicine*, **2014**, 58, 17-21   4.3   7

61   Response to comment on Shah et al. Cardiovascular complications and mortality after diabetes diagnosis for South Asian and Chinese patients: a population-based cohort study. Diabetes care 2013;36:2670-2676. *Diabetes Care*, **2014**, 37, e80   14.6

60   Reducing social inequalities in health: the role of simulation modelling in chronic disease epidemiology to evaluate the impact of population health interventions. *Journal of Epidemiology and Community Health*, **2014**, 68, 384-9   5.1   15

59   Developing a Web-based dietary sodium screening tool for personalized assessment and feedback. *Applied Physiology, Nutrition and Metabolism*, **2014**, 39, 413-4   3   13

58   Cardiovascular Disease Population Risk Tool (CVDPoRT): predictive algorithm for assessing CVD risk in the community setting. A study protocol. *BMJ Open*, **2014**, 4, e006701   3   20

57   One- and five-year risk of death and cardiovascular complications for hospitalized patients with hyperglycemia without diagnosed diabetes: An observational study. *Journal of Hospital Medicine*, **2014**, 9, 365-71   2.7   7

56   The CANHEART health index: a tool for monitoring the cardiovascular health of the Canadian population. *Cmaj*, **2014**, 186, 180-7   3.5   29

55   Changing age demographics of inflammatory bowel disease in Ontario, Canada: a population-based cohort study of epidemiology trends. *Inflammatory Bowel Diseases*, **2014**, 20, 1761-9   4.5   129

54   Validation of international algorithms to identify adults with inflammatory bowel disease in health administrative data from Ontario, Canada. *Journal of Clinical Epidemiology*, **2014**, 67, 887-96   5.7   113

53   Ascertainment of chronic diseases using population health data: a comparison of health administrative data and patient self-report. *BMC Public Health*, **2013**, 13, 16   4.1   128

52   Inequity in primary and secondary preventive care for acute myocardial infarction? Use by socioeconomic status across middle-aged and older patients. *Canadian Journal of Cardiology*, **2013**, 29, 1579-85   3.8   9

51   Cardiovascular complications and mortality after diabetes diagnosis for South Asian and Chinese patients: a population-based cohort study. *Diabetes Care*, **2013**, 36, 2670-6   14.6   31

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50	Association between birth order and emergency room visits and acute hospital admissions following pediatric vaccination: a self-controlled study. *PLoS ONE*, **2013**, 8, e81070	3.7	8
49	Effectiveness of community-wide and individual high-risk strategies to prevent diabetes: a modelling study. *PLoS ONE*, **2013**, 8, e52963	3.7	5
48	Cardiovascular risk factor profiles of recent immigrants vs long-term residents of Ontario: a multi-ethnic study. *Canadian Journal of Cardiology*, **2012**, 28, 20-6	3.8	71
47	The impact of multiple chronic diseases on ambulatory care use; a population based study in Ontario, Canada. *BMC Health Services Research*, **2012**, 12, 452	2.9	47
46	The influence of measurement error on calibration, discrimination, and overall estimation of a risk prediction model. *Population Health Metrics*, **2012**, 10, 20	3	23
45	Reporting guidelines for modelling studies. *BMC Medical Research Methodology*, **2012**, 12, 168	4.7	30
44	The role of ethnicity in predicting diabetes risk at the population level. *Ethnicity and Health*, **2012**, 17, 419-37	2.2	18
43	Neighborhood income and stroke care and outcomes. *Neurology*, **2012**, 79, 1200-7	6.5	54
42	Predictive risk algorithms in a population setting: an overview. *Journal of Epidemiology and Community Health*, **2012**, 66, 859-65	5.1	28
41	Underestimating the safety benefits of a new vaccine: the impact of acellular pertussis vaccine versus whole-cell pertussis vaccine on health services utilization. *American Journal of Epidemiology*, **2012**, 176, 1035-42	3.8	11
40	Diabetes screening among immigrants: a population-based urban cohort study. *Diabetes Care*, **2012**, 35, 754-61	14.6	33
39	Absence of disparities in the quality of primary diabetes care for South Asians and Chinese in an urban Canadian setting. *Diabetes Care*, **2012**, 35, 794-6	14.6	11
38	Advances in Microsimulation Modeling of Population Health Determinants, Diseases, and Outcomes. *Epidemiology Research International*, **2012**, 2012, 1-3		0
37	The impact of infection on population health: results of the Ontario burden of infectious diseases study. *PLoS ONE*, **2012**, 7, e44103	3.7	84
36	Development and use of reporting guidelines for assessing the quality of validation studies of health administrative data. *Journal of Clinical Epidemiology*, **2011**, 64, 821-9	5.7	221
35	Impact of birth weight at term on rates of emergency room visits and hospital admissions following vaccination at 2 months of age. *Vaccine*, **2011**, 29, 8267-74	4.1	9
34	Deriving ethnic-specific BMI cutoff points for assessing diabetes risk. *Diabetes Care*, **2011**, 34, 1741-8	14.6	263
33	A population-based risk algorithm for the development of diabetes: development and validation of the Diabetes Population Risk Tool (DPoRT). *Journal of Epidemiology and Community Health*, **2011**, 65, 613-20	5.1	67

32	Using administrative data to measure the extent to which practitioners work together: "interconnected" care is common in a large cohort of family physicians. *Open Medicine*, **2011**, 5, e177-82		3
31	Healthy trees make a healthy wood. *Journal of Public Health*, **2010**, 32, 14-5	3.5	1
30	Commentary: assessing population (baseline) risk is a cornerstone of population health planning--looking forward to address new challenges. *International Journal of Epidemiology*, **2010**, 39, 380-2	7.8	16
29	Income-related differences in mortality among people with diabetes mellitus. *Cmaj*, **2010**, 182, E1-E17	3.5	43
28	Comparison of cardiovascular risk profiles among ethnic groups using population health surveys between 1996 and 2007. *Cmaj*, **2010**, 182, E301-10	3.5	139
27	The effectiveness of national guidelines for preventing cardiovascular disease: integrating effectiveness concepts and evaluating guidelines' use in the real world. *Current Opinion in Lipidology*, **2010**, 21, 359-65	4.4	5
26	The effectiveness and efficiency of diabetes screening in Ontario, Canada: a population-based cohort study. *BMC Public Health*, **2010**, 10, 506	4.1	24
25	Validation of population-based disease simulation models: a review of concepts and methods. *BMC Public Health*, **2010**, 10, 710	4.1	74
24	Importance of accurately identifying disease in studies using electronic health records. *BMJ, The*, **2010**, 341, c4226	5.9	91
23	Trends in laboratory testing for diabetes in Ontario, Canada 1995-2005: a population-based study. *BMC Health Services Research*, **2009**, 9, 41	2.9	27
22	Self-reported diabetes is associated with self-management behaviour: a cohort study. *BMC Health Services Research*, **2008**, 8, 142	2.9	11
21	The 2006 Canadian dyslipidemia guidelines will prevent more deaths while treating fewer people--but should they be further modified?. *Canadian Journal of Cardiology*, **2008**, 24, 617-20	3.8	1
20	The effect of universal influenza immunization on mortality and health care use. *PLoS Medicine*, **2008**, 5, e211	11.6	114
19	How many people have had a myocardial infarction? Prevalence estimated using historical hospital data. *BMC Public Health*, **2007**, 7, 174	4.1	20
18	Avoidable mortality by neighbourhood income in Canada: 25 years after the establishment of universal health insurance. *Journal of Epidemiology and Community Health*, **2007**, 61, 287-96	5.1	88
17	Appropriate measures of influenza immunization program effectiveness. *Vaccine*, **2007**, 25, 967-9	4.1	4
16	Using OHIP physician billing claims to ascertain individual influenza vaccination status. *Vaccine*, **2007**, 25, 1270-4	4.1	22
15	Avoidable mortality across Canada from 1975 to 1999. *BMC Public Health*, **2006**, 6, 137	4.1	20

LIST OF PUBLICATIONS

No.	Reference		
14	Revisiting Rose: strategies for reducing coronary heart disease. *BMJ, The*, **2006**, 332, 659-62	5.9	113
13	Guillain-Barré syndrome after influenza vaccination in adults: a population-based study. *Archives of Internal Medicine*, **2006**, 166, 2217-21		144
12	Effectiveness and efficiency of different guidelines on statin treatment for preventing deaths from coronary heart disease: modelling study. *BMJ, The*, **2006**, 332, 1419	5.9	64
11	The effect of universal influenza immunization on vaccination rates in Ontario. *Health Reports*, **2006**, 17, 31-40	4.7	20
10	Both clinical epidemiology and population health perspectives can define the role of health care in reducing health disparities. *Journal of Clinical Epidemiology*, **2005**, 58, 757-62	5.7	26
9	Improving population attributable fraction methods: examining smoking-attributable mortality for 87 geographic regions in Canada. *American Journal of Epidemiology*, **2005**, 161, 787-98	3.8	22
8	Potential gaps in congestive heart failure management in a rural hospital. *Canadian Journal of Rural Medicine: the Official Journal of the Society of Rural Physicians of Canada = Journal Canadien De La M&#x00e9;decine Rurale: Le Journal Officiel De La Soci&#x00e9;t&#x00e9; De M&#x00e9;decine Rurale Du Canada*, **2005**, 10, 155-61	0.5	8
7	Health-related quality of life and health-adjusted life expectancy of people with diabetes in Ontario, Canada, 1996-1997. *Diabetes Care*, **2004**, 27, 407-14	14.6	105
6	Using linked data to calculate summary measures of population health: Health-adjusted life expectancy of people with Diabetes Mellitus. *Population Health Metrics*, **2004**, 2, 4	3	11
5	MANUEL AND MAO. *American Journal of Public Health*, **2003**, 93, 186-a-187	5.1	1
4	Burden of cardiovascular disease in Canada. *Canadian Journal of Cardiology*, **2003**, 19, 997-1004	3.8	60
3	Risk factors for cardiovascular disease in Canada. *Canadian Journal of Cardiology*, **2003**, 19, 1249-59	3.8	66
2	Cause-deleted health-adjusted life expectancy of Canadians with selected chronic conditions. *Chronic Diseases in Canada*, **2003**, 24, 108-15		9
1	Avoidable mortality in the United States and Canada, 1980-1996. *American Journal of Public Health*, **2002**, 92, 1481-4	5.1	32