

Lawrence Walter Svenson

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

6,403
citations

71102

41
h-index

71685

76
g-index

127
all docs

127
docs citations

127
times ranked

8341
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognosis for long-term survival and renal recovery in critically ill patients with severe acute renal failure: a population-based study. <i>Critical Care</i> , 2005, 9, R700.	5.8	522
2	The Epidemiology of Inflammatory Bowel Disease in Canada: A Population-Based Study. <i>American Journal of Gastroenterology</i> , 2006, 101, 1559-1568.	0.4	522
3	Achalasia: incidence, prevalence and survival. A population-based study. <i>Neurogastroenterology and Motility</i> , 2010, 22, e256-61.	3.0	282
4	Utilization of health services following spinal cord injury: a 6-year follow-up study. <i>Spinal Cord</i> , 2004, 42, 513-525.	1.9	224
5	Delayed Childbearing and Its Impact on Population Rate Changes in Lower Birth Weight, Multiple Birth, and Preterm Delivery. <i>Pediatrics</i> , 2002, 109, 399-403.	2.1	191
6	Association of socio-economic status with diabetes prevalence and utilization of diabetes care services. <i>BMC Health Services Research</i> , 2006, 6, 124.	2.2	185
7	Factors Associated with Physical Activity in Canadian Adults with Diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1526-1534.	0.4	162
8	The Epidemiology of Traumatic Spinal Cord Injury in Alberta, Canada. <i>Canadian Journal of Neurological Sciences</i> , 2003, 30, 113-121.	0.5	153
9	Trends in risk factors for cardiovascular disease in Canada: temporal, socio-demographic and geographic factors. <i>Cmaj</i> , 2009, 181, E55-E66.	2.0	152
10	Patterns of Injury in Children: A Population-Based Approach. <i>Pediatrics</i> , 2004, 113, 522-529.	2.1	146
11	Medication use and falls in community-dwelling older persons. <i>Age and Ageing</i> , 2003, 32, 503-509.	1.6	142
12	The Effect of Universal Influenza Immunization on Mortality and Health Care Use. <i>PLoS Medicine</i> , 2008, 5, e211.	8.4	138
13	Influenza Vaccine Effectiveness in Preventing Influenza-associated Hospitalizations During Pregnancy: A Multi-country Retrospective Test Negative Design Study, 2010-2016. <i>Clinical Infectious Diseases</i> , 2019, 68, 1444-1453.	5.8	126
14	Regional variation of multiple sclerosis prevalence in Canada. <i>Multiple Sclerosis Journal</i> , 2005, 11, 516-519.	3.0	122
15	Mental comorbidity and multiple sclerosis: validating administrative data to support population-based surveillance. <i>BMC Neurology</i> , 2013, 13, 16.	1.8	122
16	Rising prevalence of vascular comorbidities in multiple sclerosis: validation of administrative definitions for diabetes, hypertension, and hyperlipidemia. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1310-1319.	3.0	109
17	Depression following Traumatic Spinal Cord Injury. <i>Neuroepidemiology</i> , 2005, 25, 55-61.	2.3	107
18	Psychotic disorders in MS: Population-based evidence of an association. <i>Neurology</i> , 2005, 65, 1123-1125.	1.1	106

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19	High incidence and increasing prevalence of multiple sclerosis in British Columbia, Canada: findings from over two decades (1991â€“2010). <i>Journal of Neurology</i> , 2015, 262, 2352-2363.	3.6	100
20	Fine particulate air pollution and systemic autoimmune rheumatic disease in two Canadian provinces. <i>Environmental Research</i> , 2016, 146, 85-91.	7.5	94
21	One-year mortality of bloodstream infection-associated sepsis and septic shock among patients presenting to a regional critical care system. <i>Intensive Care Medicine</i> , 2005, 31, 213-219.	8.2	92
22	Sex differences in comorbidity at diagnosis of multiple sclerosis. <i>Neurology</i> , 2016, 86, 1279-1286.	1.1	86
23	Prevalence of Chronic Kidney Disease and Survival among Aboriginal People. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 2953-2959.	6.1	83
24	Access to health care among status Aboriginal people with chronic kidney disease. <i>Cmaj</i> , 2008, 179, 1007-1012.	2.0	83
25	The impact of follow-up physician visits on emergency readmissions for patients with asthma and chronic obstructive pulmonary disease: a population-based study. <i>American Journal of Medicine</i> , 2002, 112, 120-125.	1.5	72
26	Prevalence of <i>Staphylococcus aureus</i> and methicillin-resistant <i>S. aureus</i> (MRSA) in food samples associated with foodborne illness in Alberta, Canada from 2007 to 2010. <i>Food Microbiology</i> , 2012, 32, 202-205.	4.2	71
27	Asthma and COPD Among Aboriginals in Alberta, Canada. <i>Chest</i> , 2002, 121, 1841-1846.	0.8	69
28	Direct Health Care Costs After Traumatic Spinal Cord Injury. <i>Journal of Trauma</i> , 2005, 59, 441-447.	2.3	68
29	Secular trends in the epidemiology of shingles in Alberta. <i>Epidemiology and Infection</i> , 2007, 135, 908-913.	2.1	63
30	The Utility of Administrative Data for Surveillance of Comorbidity in Multiple Sclerosis: A Validation Study. <i>Neuroepidemiology</i> , 2013, 40, 85-92.	2.3	62
31	Can Universal Access to Health Care Eliminate Health Inequities Between Children of Poor and Nonpoor Families?. <i>Chest</i> , 2003, 124, 51-56.	0.8	59
32	Prevalence of systemic lupus erythematosus and systemic sclerosis in the First Nations population of Alberta, Canada. <i>Arthritis Care and Research</i> , 2012, 64, 138-143.	3.4	59
33	Contribution of incidence to increasing prevalence of multiple sclerosis in Alberta, Canada. <i>Multiple Sclerosis Journal</i> , 2008, 14, 872-879.	3.0	55
34	Narcolepsy and adjuvanted pandemic influenza A (H1N1) 2009 vaccines â€“ Multi-country assessment. <i>Vaccine</i> , 2018, 36, 6202-6211.	3.8	53
35	Risk of febrile seizures after first dose of measlesâ€“mumpsâ€“rubellaâ€“varicella vaccine: a population-based cohort study. <i>Cmaj</i> , 2014, 186, 824-829.	2.0	51
36	Pain, medication, and injury in older farmers. <i>American Journal of Industrial Medicine</i> , 2006, 49, 374-382.	2.1	50

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37	Estimating the effect of turn penalties and traffic congestion on measuring spatial accessibility to primary health care. <i>Applied Geography</i> , 2013, 39, 172-182.	3.7	49
38	Real-world incidence and prevalence of systemic lupus erythematosus in Alberta, Canada. <i>Rheumatology International</i> , 2018, 38, 1721-1726.	3.0	48
39	Zones of prevention: the geography of fall injuries in the elderly. <i>Social Science and Medicine</i> , 2003, 57, 2065-2073.	3.8	46
40	Shingles in Alberta: Before and after publicly funded varicella vaccination. <i>Vaccine</i> , 2014, 32, 6319-6324.	3.8	46
41	Use and Utility of Administrative Health Data for Stroke Research and Surveillance. <i>Stroke</i> , 2016, 47, 1946-1952.	2.0	46
42	Recent epidemiologic trends of diabetes mellitus among status Aboriginal adults. <i>Cmaj</i> , 2011, 183, E803-E808.	2.0	44
43	The association between influenza vaccination and socioeconomic status in high income countries varies by the measure used: a systematic review. <i>BMC Medical Research Methodology</i> , 2019, 19, 153.	3.1	42
44	Is Paternal Age Associated with an Increased Risk of Low Birthweight, Preterm Delivery, and Multiple Birth?. <i>Canadian Journal of Public Health</i> , 2003, 94, 88-92.	2.3	41
45	Socio-economic status and types of childhood injury in Alberta: a population based study. <i>BMC Pediatrics</i> , 2006, 6, 30.	1.7	41
46	The use of outbreak information in the interpretation of clustering of reported cases of <i>Escherichia coli</i> O157 in space and time in Alberta, Canada, 2000-2002. <i>Epidemiology and Infection</i> , 2006, 134, 699-711.	2.1	40
47	Prevalence of Mental Disorders in Children Living in Alberta, Canada, as Determined From Physician Billing Data. <i>JAMA Pediatrics</i> , 2001, 155, 1153.	3.0	38
48	Mining rich health data from Canadian physician claims: features and face validity. <i>BMC Research Notes</i> , 2014, 7, 682.	1.4	36
49	Characteristics of Preterm Delivery and Low Birthweight Among 113,994 Infants in Alberta: 1994-1996. <i>Canadian Journal of Public Health</i> , 2001, 92, 276-280.	2.3	35
50	Alberta Provincial Pediatric Enteric Infection TEam (APPETITE): epidemiology, emerging organisms, and economics. <i>BMC Pediatrics</i> , 2015, 15, 89.	1.7	35
51	Prevalence and incidence of ischemic heart disease in multiple sclerosis: A population-based validation study. <i>Multiple Sclerosis and Related Disorders</i> , 2013, 2, 355-361.	2.0	34
52	Effect of human papillomavirus vaccination on cervical cancer screening in Alberta. <i>Cmaj</i> , 2016, 188, E281-E288.	2.0	34
53	Long-term mortality outcome of victims of major trauma. <i>Injury</i> , 2010, 41, 69-72.	1.7	33
54	Assessing the Burden of Hospitalized and Community-Care Heart Failure in Canada. <i>Canadian Journal of Cardiology</i> , 2014, 30, 352-358.	1.7	32

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55	Long-term mortality associated with community-onset bloodstream infection. <i>Infection</i> , 2011, 39, 405-410.	4.7	30
56	Regional Variations in the Prevalence Rates of Multiple Sclerosis in the Province of Alberta, Canada. <i>Neuroepidemiology</i> , 1994, 13, 8-13.	2.3	29
57	Adverse events following HPV vaccination, Alberta 2006–2014. <i>Vaccine</i> , 2016, 34, 1800-1805.	3.8	27
58	Prevalence of Multiple Sclerosis in First Nations People of Alberta. <i>Canadian Journal of Neurological Sciences</i> , 2007, 34, 175-180.	0.5	26
59	A review of the knowledge, attitudes and behaviours of university students concerning HIV/AIDS. <i>Health Promotion International</i> , 1997, 12, 61-68.	1.8	25
60	Descriptive Epidemiology of Affective Disorders in Multiple Sclerosis. <i>CNS Spectrums</i> , 2005, 10, 365-371.	1.2	24
61	Physical comorbidities increase the risk of psychiatric comorbidity in multiple sclerosis. <i>Brain and Behavior</i> , 2016, 6, e00493.	2.2	24
62	Medical and Psychiatric Comorbidity and Health Care Use Among Children 6 to 17 Years Old. <i>JAMA Pediatrics</i> , 2005, 159, 231.	3.0	22
63	Association of Median Household Income With Burden of Coronary Artery Disease Among Individuals With Diabetes. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2010, 3, 48-53.	2.2	22
64	Incident Cerebrovascular Disease in Rural and Urban Alberta. <i>Cerebrovascular Diseases</i> , 2004, 17, 72-78.	1.7	21
65	Modelling Geographic Variations in West Nile Virus. <i>Canadian Journal of Public Health</i> , 2006, 97, 374-378.	2.3	21
66	Herpes zoster vaccine (HZV): utilization and coverage 2009 – 2013, Alberta, Canada. <i>BMC Public Health</i> , 2014, 14, 1098.	2.9	21
67	Increasing incidence and prevalence with limited survival gains among rural Albertans with diabetes: a retrospective cohort study, 1995–2006. <i>Diabetic Medicine</i> , 2009, 26, 989-995.	2.3	20
68	Estimating Osteoarthritis Incidence From Population-Based Administrative Health Care Databases. <i>Annals of Epidemiology</i> , 2007, 17, 51-56.	1.9	19
69	Clinical and medication profiles stratified by household income in patients referred for diabetes care. <i>Cardiovascular Diabetology</i> , 2007, 6, 11.	6.8	19
70	Impact of the COVID-19 pandemic on vaccine coverage for early childhood vaccines in Alberta, Canada: a population-based retrospective cohort study. <i>BMJ Open</i> , 2022, 12, e055968.	1.9	19
71	Incidence of Multiple Sclerosis among First Nations People in Alberta, Canada. <i>Neuroepidemiology</i> , 2007, 28, 21-27.	2.3	18
72	Health-related Behaviours in Adults with Diabetes. <i>Canadian Journal of Public Health</i> , 2008, 99, 226-231.	2.3	18

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73	An integrated framework for the geographic surveillance of chronic disease. <i>International Journal of Health Geographics</i> , 2009, 8, 69.	2.5	17
74	Prevalence of autoimmune inflammatory myopathy in the first nations population of Alberta, Canada. <i>Arthritis Care and Research</i> , 2012, 64, 1715-1719.	3.4	17
75	Outcomes Among 3.5 Million Newly Diagnosed Hypertensive Canadians. <i>Canadian Journal of Cardiology</i> , 2013, 29, 592-597.	1.7	17
76	Incidence rates of narcolepsy diagnoses in Taiwan, Canada, and Europe: The use of statistical simulation to evaluate methods for the rapid assessment of potential safety issues on a population level in the SOMNIA study. <i>PLoS ONE</i> , 2018, 13, e0204799.	2.5	17
77	Are we speaking the same language? an argument for the consistent use of terminology and definitions for childhood vaccination indicators. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 740-747.	3.3	17
78	COVID-19 pandemic impact on childhood vaccination coverage in Quebec, Canada. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-8.	3.3	17
79	Evaluating the Individual Healthcare Costs and Burden of Disease Associated with RSV Across Age Groups. <i>Pharmacoeconomics</i> , 2022, 40, 633-645.	3.3	16
80	Changing epidemiology of methicillin-resistant <i>Staphylococcus aureus</i> in Alberta, Canada: population-based surveillance, 2005-2008. <i>Epidemiology and Infection</i> , 2011, 139, 1009-1018.	2.1	15
81	Acellular pertussis vaccine effectiveness and waning immunity in Alberta, Canada: 2010-2015, a Canadian Immunization Research Network (CIRN) study. <i>Vaccine</i> , 2019, 37, 4140-4146.	3.8	15
82	Pertussis vaccine effectiveness in a frequency matched population-based case-control Canadian Immunization Research Network study in Ontario, Canada 2009-2015. <i>Vaccine</i> , 2019, 37, 2617-2623.	3.8	15
83	Where and to What Extent is Prevention of Low Birth Weight Possible?. <i>Western Journal of Nursing Research</i> , 2002, 24, 887-904.	1.4	14
84	Chronic lung disease and multiple sclerosis: Incidence, prevalence, and temporal trends. <i>Multiple Sclerosis and Related Disorders</i> , 2016, 8, 86-92.	2.0	14
85	HPV Vaccine utilization, Alberta 2008/09 - 2013/14 School year. <i>BMC Infectious Diseases</i> , 2015, 16, 15.	2.9	13
86	Epidemiology of pertussis in Alberta, Canada 2004-2015. <i>BMC Public Health</i> , 2017, 17, 539.	2.9	13
87	Geographic and Temporal Distribution of Mortality Rates for Multiple Sclerosis in Canada, 1965-1994. <i>Neuroepidemiology</i> , 2003, 22, 75-81.	2.3	12
88	Chronic inflammatory arthritis prevalence estimates for children and adolescents in three Canadian provinces. <i>Rheumatology International</i> , 2015, 35, 345-350.	3.0	12
89	Multiple Sclerosis Mortality Rates in Canada, 1975-2009. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 134-141.	0.5	12
90	How well do ICD-9 physician claim diagnostic codes identify confirmed pertussis cases in Alberta, Canada? A Canadian Immunization Research Network (CIRN) Study. <i>BMC Health Services Research</i> , 2017, 17, 479.	2.2	12

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91	COVID-19 Vaccination Uptake Among Individuals With Immune-mediated Inflammatory Diseases in Ontario, Canada, Between December 2020 and October 2021: A Population-based Analysis. <i>Journal of Rheumatology</i> , 2022, 49, 531-536.	2.0	12
92	The prevalence of systemic autoimmune rheumatic diseases in Canadian pediatric populations: administrative database estimates. <i>Rheumatology International</i> , 2015, 35, 569-573.	3.0	11
93	The effectiveness of shingles vaccine among Albertans aged 50 years or older: A retrospective cohort study. <i>Vaccine</i> , 2017, 35, 6984-6989.	3.8	11
94	COVID-19 infection among international travellers: a prospective analysis. <i>BMJ Open</i> , 2021, 11, e050667.	1.9	11
95	The impact of varicella vaccination on paediatric herpes zoster epidemiology: a Canadian population-based retrospective cohort study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 2363-2370.	2.9	11
96	Is varicella vaccination associated with pediatric arterial ischemic stroke? A population-based cohort study. <i>Vaccine</i> , 2018, 36, 2764-2767.	3.8	10
97	Anticoagulation and population risk of stroke and death in incident atrial fibrillation: a population-based cohort study. <i>CMAJ Open</i> , 2016, 4, E1-E6.	2.4	9
98	Medical Tourism for CCSVI Procedures in People with Multiple Sclerosis: An Observational Study. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 360-367.	0.5	9
99	Measurement of coverage, compliance and determinants of uptake in a publicly funded rotavirus vaccination programme: a retrospective cohort study. <i>BMJ Open</i> , 2019, 9, e031718.	1.9	9
100	Pandemic influenza planning: using the U.S. Centers for Disease Control FluAid Software for small area estimation in the Canadian context. <i>Annals of Epidemiology</i> , 2004, 14, 73-76.	1.9	8
101	Diagnostic uncertainty and medical geography: what are we mapping?. <i>Canadian Geographer / Geographie Canadien</i> , 2005, 49, 291-300.	1.5	8
102	Affective Disorders in Motor Neuron Disease: A Population-Based Study. <i>Neuroepidemiology</i> , 2007, 28, 1-7.	2.3	8
103	Parkinson's Disease, Multiple Sclerosis and Changes of Residence in Alberta. <i>Canadian Journal of Neurological Sciences</i> , 2007, 34, 343-348.	0.5	8
104	Comparative effectiveness and cost-effectiveness analysis of a urine metabolomics test vs. alternative colorectal cancer screening strategies. <i>International Journal of Colorectal Disease</i> , 2019, 34, 1953-1962.	2.2	8
105	Direct health system costs for systemic lupus erythematosus patients in Alberta, Canada. <i>PLoS ONE</i> , 2021, 16, e0251409.	2.5	8
106	West Nile Virus. <i>Annals of the New York Academy of Sciences</i> , 2007, 1102, 135-148.	3.8	7
107	Vision for a Global Registry of Anticipated Public Health Studies. <i>American Journal of Public Health</i> , 2007, 97, S82-S87.	2.7	6
108	Geographic hierarchies of diagnostic practice style in cerebrovascular disease. <i>Social Science and Medicine</i> , 2009, 68, 1985-1992.	3.8	6

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109	Disease-modifying drugs for multiple sclerosis and subsequent health service use. <i>Multiple Sclerosis Journal</i> , 2022, 28, 583-596.	3.0	6
110	Doctors, patients and influenza-like illness: clinicians or patients at risk?. <i>Public Health</i> , 2004, 118, 527-531.	2.9	5
111	Epidemiological characteristics of reported sporadic and outbreak cases of E. coli O157 in people from Alberta, Canada (2000-2002): methodological challenges of comparing clustered to unclustered data. <i>Epidemiology and Infection</i> , 2008, 136, 483-491.	2.1	5
112	Differences between notifiable and administrative health information in the spatial-temporal surveillance of enteric infections. <i>International Journal of Medical Informatics</i> , 2009, 78, 417-424.	3.3	5
113	A multisite study of pertussis vaccine effectiveness by time since last vaccine dose from three Canadian provinces: A Canadian Immunization Research Network study. <i>Vaccine</i> , 2021, 39, 2772-2779.	3.8	5
114	Impact of guidelines on health care use for the management of dyslipidemia in two Canadian provinces, Alberta and Nova Scotia, from 1990 to 2001. <i>Canadian Journal of Cardiology</i> , 2004, 20, 767-72.	1.7	5
115	The ecology of medical care for adults in Alberta, 2002/03 to 2016/17: a retrospective cohort study. <i>CMAJ Open</i> , 2020, 8, E169-E177.	2.4	4
116	Does Maternal Age Predict Multiple Birth, Preterm Delivery or Low Birth Weight in Successful In Vitro Fertilization Pregnancies?. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2000, 22, 938-941.	0.1	3
117	The use of randomization tests to assess the degree of similarity in PFGE patterns of E. coli O157 isolates from known outbreaks and statistical space-time clusters. <i>Epidemiology and Infection</i> , 2007, 135, 100-109.	2.1	3
118	Using population-wide administrative and laboratory data to estimate type- and subtype-specific influenza vaccine effectiveness: a surveillance protocol. <i>BMJ Open</i> , 2019, 9, e029708.	1.9	3
119	Population coverage of the Canadian Chronic Disease Surveillance System: a survey of the contents of health insurance registries across Canada. <i>Health Promotion and Chronic Disease Prevention in Canada: Research, Policy and Practice</i> , 2021, 41, 230-241.	1.1	3
120	A multi-country investigation of influenza vaccine coverage in pregnant individuals, 2010-2016. <i>Vaccine</i> , 2021, , .	3.8	3
121	Characterizing Pain in Children with Acute Gastroenteritis Who Present for Emergency Care. <i>Journal of Pediatrics</i> , 2021, 231, 102-109.e3.	1.8	2
122	Seropositivity to SARS-CoV-2 in Alberta, Canada in a post-vaccination period (March 2021-July 2021). <i>Infectious Diseases</i> , 0, , 1-11.	2.8	2
123	2514. Pediatric Medically Attended Shingles in Alberta, Canada 2016; Preliminary Results. <i>Open Forum Infectious Diseases</i> , 2018, 5, S755-S756.	0.9	0
124	Exploring the reasons for low pertussis vaccine effectiveness in Ontario, Canada, 2006-2008: a Canadian Immunization Research Network study. <i>Canadian Journal of Public Health</i> , 2021, , 1.	2.3	0
125	Comparative performance of the EuroQol EQ-5D-5L and the CDC healthy days measures in assessing population health. <i>Journal of Patient-Reported Outcomes</i> , 2022, 6, .	1.9	0