

Alexander A Leung

List of Publications by Year in descending order

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101
papers

4,873
citations

186209

28
h-index

98753

67
g-index

107
all docs

107
docs citations

107
times ranked

6957
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypertension Canada's 2018 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults and Children. Canadian Journal of Cardiology, 2018, 34, 506-525.	0.8	474
2	Meta-analysis: Î²-Blocker Dose, Heart Rate Reduction, and Death in Patients With Heart Failure. Annals of Internal Medicine, 2009, 150, 784.	2.0	426
3	Hypertension Canada's 2016 Canadian Hypertension Education Program Guidelines for Blood Pressure Measurement, Diagnosis, Assessment of Risk, Prevention, and Treatment of Hypertension. Canadian Journal of Cardiology, 2016, 32, 569-588.	0.8	400
4	2021 Canadian Cardiovascular Society Guidelines for the Management of Dyslipidemia for the Prevention of Cardiovascular Disease in Adults. Canadian Journal of Cardiology, 2021, 37, 1129-1150.	0.8	367
5	A comparison of early versus late initiation of renal replacement therapy in critically ill patients with acute kidney injury: a systematic review and meta-analysis. Critical Care, 2011, 15, R72.	2.5	364
6	Hypertension Canada's 2020 Comprehensive Guidelines for the Prevention, Diagnosis, Risk Assessment, and Treatment of Hypertension in Adults and Children. Canadian Journal of Cardiology, 2020, 36, 596-624.	0.8	324
7	Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults. Canadian Journal of Cardiology, 2017, 33, 557-576.	0.8	269
8	Effect of dose and duration of reduction in dietary sodium on blood pressure levels: systematic review and meta-analysis of randomised trials. BMJ, The, 2020, 368, m315.	3.0	218
9	Outcomes of cardiac resynchronization therapy in patients with versus those without atrial fibrillation: A systematic review and meta-analysis. Heart Rhythm, 2011, 8, 1088-1094.	0.3	216
10	Preoperative predictors of poor acute postoperative pain control: a systematic review and meta-analysis. BMJ Open, 2019, 9, e25091.	0.8	181
11	Risk factors for hypertension in Canada. Health Reports, 2019, 30, 3-13.	0.6	129
12	Preoperative Hyponatremia and Perioperative Complications. Archives of Internal Medicine, 2012, 172, 1474.	4.3	109
13	Risk of Thiazide-induced Hyponatremia in Patients with Hypertension. American Journal of Medicine, 2011, 124, 1064-1072.	0.6	66
14	Acute liver injury and acute liver failure from mushroom poisoning in North America. Liver International, 2016, 36, 1043-1050.	1.9	59
15	Impact of pharmacological treatment of diabetes mellitus on dementia risk: systematic review and meta-analysis. BMJ Open Diabetes Research and Care, 2018, 6, e000563.	1.2	55
16	Worsening Hypertension Awareness, Treatment, and Control Rates in Canadian Women Between 2007 and 2017. Canadian Journal of Cardiology, 2020, 36, 732-739.	0.8	55
17	Aspirin effect on the incidence of major adverse cardiovascular events in patients with diabetes mellitus: a systematic review and meta-analysis. Cardiovascular Diabetology, 2011, 10, 25.	2.7	49
18	The science of salt: A regularly updated systematic review of salt and health outcomes (December) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	1.0	45

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19	Preoperative Hypernatremia Predicts Increased Perioperative Morbidity and Mortality. American Journal of Medicine, 2013, 126, 877-886.	0.6	42
20	Epidemiology of pheochromocytoma and paraganglioma: population-based cohort study. European Journal of Endocrinology, 2021, 184, 19-28.	1.9	42
21	Evaluation and management of the child with hypothyroidism. World Journal of Pediatrics, 2019, 15, 124-134.	0.8	41
22	Primary aldosteronism: a common cause of resistant hypertension. Cmaj, 2017, 189, E773-E778.	0.9	40
23	Risk of Heart Failure in Patients With Recent-Onset Type 2 Diabetes: Population-Based Cohort Study. Journal of Cardiac Failure, 2009, 15, 152-157.	0.7	35
24	Prevalence of Hypertension, Treatment, and Blood Pressure Targets in Canada Associated With the 2017 American College of Cardiology and American Heart Association Blood Pressure Guidelines. JAMA Network Open, 2019, 2, e190406.	2.8	35
25	Impact of Vendor Computerized Physician Order Entry in Community Hospitals. Journal of General Internal Medicine, 2012, 27, 801-807.	1.3	34
26	Sex, Socioeconomic Status, Access to Cardiac Catheterization, and Outcomes for Acute Coronary Syndromes in the Context of Universal Healthcare Coverage. Circulation: Cardiovascular Quality and Outcomes, 2014, 7, 540-549.	0.9	33
27	Outcomes of a Specialized Clinic on Rates of Investigation and Treatment of Primary Aldosteronism. JAMA Surgery, 2021, 156, 541.	2.2	33
28	Discordance Between Imaging and Adrenal Vein Sampling in Primary Aldosteronism Irrespective of Interpretation Criteria. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1900-1906.	1.8	32
29	Performance of the Aldosterone to Renin Ratio as a Screening Test for Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2423-2435.	1.8	32
30	Announcing "Up to Date in the Science of Sodium". Journal of Clinical Hypertension, 2016, 18, 85-88.	1.0	28
31	Methods. Canadian Journal of Diabetes, 2018, 42, S6-S9.	0.4	25
32	A high rate of modestly elevated plasma normetanephrine in a population referred for suspected PPGL when measured in a seated position. European Journal of Endocrinology, 2019, 181, 301-309.	1.9	25
33	More evidence that salt increases blood pressure and risk of kidney disease from the Science of Salt: A regularly updated systematic review of salt and health outcomes (April-July 2016). Journal of Clinical Hypertension, 2017, 19, 813-823.	1.0	24
34	Relationship between medication event rates and the Leapfrog computerized physician order entry evaluation tool. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e85-e90.	2.2	23
35	Hypertension Canada's 2017 guidelines for diagnosis, risk assessment, prevention and treatment of hypertension in adults for pharmacists: An update. Canadian Pharmacists Journal, 2018, 151, 33-42.	0.4	23
36	Persistent Mongolian spots in Chinese adults. International Journal of Dermatology, 2005, 44, 43-45.	0.5	20

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37	Gynecomastia in Infants, Children, and Adolescents. Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, 2017, 10, 127-137.	0.7	20
38	Performance of Confirmatory Tests for Diagnosing Primary Aldosteronism: a Systematic Review and Meta-Analysis. Hypertension, 2022, 79, 1835-1844.	1.3	20
39	A Safe Practice Standard for Barcode Technology. Journal of Patient Safety, 2015, 11, 89-99.	0.7	19
40	Novel Approach to Establishing an Aldosterone: Renin Ratio Cutoff for Primary Aldosteronism. Hypertension, 2017, 69, 450-456.	1.3	19
41	The Science of Salt: A Systematic Review of Quality Clinical Salt Outcome Studies June 2014 to May 2015. Journal of Clinical Hypertension, 2016, 18, 832-839.	1.0	18
42	Application of strict criteria in adrenal venous sampling increases the proportion of missed patients with unilateral disease who benefit from surgery for primary aldosteronism. Journal of Hypertension, 2018, 36, 1407-1413.	0.3	18
43	Systematic review and meta-analysis: SGLT2 inhibitors, blood pressure and cardiovascular outcomes. IJC Heart and Vasculature, 2021, 33, 100725.	0.6	18
44	Prediction of hypertension using traditional regression and machine learning models: A systematic review and meta-analysis. PLoS ONE, 2022, 17, e0266334.	1.1	18
45	Vitamin B12 deficiency with combined hematological and neuropsychiatric derangements: a case report. Journal of Medical Case Reports, 2014, 8, 277.	0.4	17
46	Very high rate of false positive biochemical results when screening for pheochromocytoma in a large, undifferentiated population with variable indications for testing. Clinical Biochemistry, 2020, 77, 26-31.	0.8	17
47	Impact of vendor computerized physician order entry on patients with renal impairment in community hospitals. Journal of Hospital Medicine, 2013, 8, 545-552.	0.7	15
48	The Science of Salt: A Regularly Updated Systematic Review of the Implementation of Salt Reduction Interventions (June–October 2015). Journal of Clinical Hypertension, 2016, 18, 487-494.	1.0	15
49	Surprisingly low aldosterone levels in peripheral veins following intravenous sedation during adrenal vein sampling. Journal of Hypertension, 2019, 37, 596-602.	0.3	15
50	The Science of Salt: A Regularly Updated Systematic Review of Salt and Health Outcomes (August to October 2015). Journal of Clinical Hypertension, 2016, 18, 487-494.	1.0	14
51	How common is primary aldosteronism?. Current Opinion in Nephrology and Hypertension, 2021, 30, 353-360.	1.0	14
52	The Science of Salt: A Regularly Updated Systematic Review of Salt and Health Outcomes (June and July 2015). Journal of Clinical Hypertension, 2016, 18, 487-494.	1.0	13
53	Epidemiology of Resistant Hypertension in Canada. Canadian Journal of Cardiology, 2022, 38, 681-687.	0.8	13
54	Return on Investment for Vendor Computerized Physician Order Entry in Four Community Hospitals: The Importance of Decision Support. Joint Commission Journal on Quality and Patient Safety, 2013, 39, 312-318.	0.4	12

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55	Unilateral Disease Is Common in Patients With Primary Aldosteronism Without Adrenal Nodules. Canadian Journal of Cardiology, 2021, 37, 269-275.	0.8	9
56	Informing COVID-19 vaccination priorities based on the prevalence of risk factors among adults in Canada. Cmaj, 2021, 193, E617-E621.	0.9	9
57	Refocusing on hypertension control in Canada. Cmaj, 2021, 193, E854-E855.	0.9	9
58	External validation of the neoadjuvant rectal (NAR) score and Valentini prediction nomogram (VPN): A multicenter study.. Journal of Clinical Oncology, 2014, 32, 3532-3532.	0.8	9
59	Health State Utility Values in People With Stroke: A Systematic Review and Meta-Analysis. Journal of the American Heart Association, 2022, 11, .	1.6	9
60	Inpatient Measurements of Urine Metanephrines are Indistinguishable from Pheochromocytoma: Retrospective Cohort Study. American Journal of Medicine, 2021, 134, 1039-1046.e3.	0.6	8
61	Evaluation and Management of Children with Thyrotoxicosis. Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, 2018, 11, 22-31.	0.7	8
62	Apparent failed and discordant adrenal vein sampling: A potential confounding role of cortisol cosecretion?. Clinical Endocrinology, 2022, 96, 123-131.	1.2	7
63	Efficacy of Calcium Channel Blockers on Major Cardiovascular Outcomes for the Treatment of Hypertension in Asian Populations: A Meta-analysis. Canadian Journal of Cardiology, 2017, 33, 635-643.	0.8	6
64	Applicability of the Systolic Blood Pressure Intervention Trial (SPRINT) to the Canadian Population. Canadian Journal of Cardiology, 2018, 34, 670-675.	0.8	6
65	Strategies for enhancing the initiation of cholesterol lowering medication among patients at high cardiovascular disease risk: a qualitative descriptive exploration of patient and general practitioners' perspectives on a facilitated relay intervention in Alberta, Canada. BMJ Open, 2020, 10, e038469.	0.8	6
66	Incidence of pheochromocytoma and paraganglioma varies according to altitude: meta-regression analysis. European Journal of Endocrinology, 2021, 184, L21-L23.	1.9	6
67	Antihypertensive Prescribing for Uncomplicated, Incident Hypertension: Opportunities for Cost Savings. CJC Open, 2021, 3, 703-713.	0.7	6
68	External Validation of Clinical Prediction Models in Unilateral Primary Aldosteronism. American Journal of Hypertension, 2022, 35, 365-373.	1.0	6
69	Time Dependency of Outcomes for Drug-Eluting vs Bare-Metal Stents. Canadian Journal of Cardiology, 2013, 29, 1616-1622.	0.8	5
70	Surgical Outcomes Among Primary Aldosteronism Patients Without Visible Adrenal Lesions. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e824-e835.	1.8	5
71	Properly Collected Plasma Metanephrines Excludes PPGL After False-Positive Screening Tests. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2900-e2906.	1.8	5
72	Area Median Income and Metropolitan Versus Nonmetropolitan Location of Care for Acute Coronary Syndromes: A Complex Interaction of Social Determinants. Journal of the American Heart Association, 2016, 5, .	1.6	4

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73	Recommended standards for assessing blood pressure in human research where blood pressure or hypertension is a major focus. <i>Journal of Human Hypertension</i> , 2017, 31, 487-490.	1.0	4
74	Summarising and synthesising regression coefficients through systematic review and meta-analysis for improving hypertension prediction using metamodelling: protocol. <i>BMJ Open</i> , 2020, 10, e036388.	0.8	4
75	The Effect of Alcohol Cue Exposure on Tobacco-Related Cue Reactivity: A Systematic Review. <i>Alcohol and Alcoholism</i> , 2021, , .	0.9	4
76	Visit-to-visit blood pressure variability is common in primary care patients: Retrospective cohort study of 221,803 adults. <i>PLoS ONE</i> , 2021, 16, e0248362.	1.1	4
77	Take urgent action diagnosing, treating, and controlling hypertension in older women. <i>Canadian Family Physician</i> , 2020, 66, 726-731.	0.1	4
78	Specificity of synapse formation between <i>Lymnaea</i> heart motor neuron and muscle fiber is maintained in vitro in a soma-muscle configuration. <i>Synapse</i> , 2002, 46, 66-71.	0.6	3
79	The Potential Role of Primary Care in Case Detection/Screening of Primary Aldosteronism. <i>American Journal of Hypertension</i> , 2017, 30, 1147-1150.	1.0	3
80	Amiodarone-induced thyrotoxicosis in heart failure with a reduced ejection fraction: A retrospective cohort study. <i>Health Science Reports</i> , 2018, 1, e36.	0.6	3
81	Urgent need to increase the rates of diagnosing, treating and controlling hypertension in older women: A call for action. <i>Canadian Pharmacists Journal</i> , 2020, 153, 264-269.	0.4	3
82	Moderate renal impairment does not preclude the accuracy of 24-hour urine normetanephrine measurements for suspected pheochromocytoma. <i>Clinical Endocrinology</i> , 2020, 92, 518-524.	1.2	3
83	Congenital Bands with Intestinal Malrotation after Propylthiouracil Exposure in Early Pregnancy. <i>Case Reports in Endocrinology</i> , 2015, 2015, 1-4.	0.2	2
84	Chickenpox: An update. <i>Journal of Pediatric Infectious Diseases</i> , 2015, 04, 343-350.	0.1	2
85	Frequency of laboratory testing and associated abnormalities in patients with hypertension. <i>Journal of Clinical Hypertension</i> , 2020, 22, 2077-2083.	1.0	2
86	Prevalence of and risk factors for excess weight gain in pregnancy: a cross-sectional study using survey data. <i>CMAJ Open</i> , 2021, 9, E1168-E1174.	1.1	2
87	The Reply. <i>American Journal of Medicine</i> , 2014, 127, e13.	0.6	1
88	Blood Pressure—Lowering Targets in Patients With Diabetes Mellitus. <i>Canadian Journal of Cardiology</i> , 2018, 34, 644-652.	0.8	1
89	Response Letter to the Editor from Zhu et al: “Performance of the Aldosterone-to-Renin Ratio as a Screening Test for Primary Aldosteronism: A Systematic Review and Meta-Analysis” <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4300-e4301.	1.8	1
90	Appreciating the medical literature: five notable articles in general internal medicine from 2009 and 2010. <i>Open Medicine</i> , 2011, 5, e49-54.	1.5	1

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91	Sociodemographic Factors Associated With Objectively Measured Moderate- to Vigorous-intensity Physical Activity in Adults With Type 2 Diabetes: Cross-sectional Results From the Canadian Health Measures Survey (2007 to 2017). <i>Canadian Journal of Diabetes</i> , 2022, 46, 578-585.e4.	0.4	1
92	Low-dose aspirin is associated with an increased risk of haemorrhage; but not in people with diabetes who have a high baseline rate of bleeding. <i>Evidence-based Nursing</i> , 2013, 16, 55-56.	0.1	0
93	Pharmacologic Treatment of Hypertension in Adults Aged 60 Years or Older. <i>Annals of Internal Medicine</i> , 2017, 167, 289.	2.0	0
94	Metformin use was linked to hospitalization for acidosis at 6 y only in patients with eGFR < 30 mL/min/1.73 m ² . <i>Annals of Internal Medicine</i> , 2018, 169, J47.	2.0	0
95	Searching for an Optimal Systolic Blood Pressure Target: A Balance of Benefits and Risks. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1543-1545.	0.8	0
96	Reply from authors. <i>Canadian Pharmacists Journal</i> , 2018, 151, 158-158.	0.4	0
97	Reply. <i>Journal of Hypertension</i> , 2019, 37, 1529-1530.	0.3	0
98	SAT-238 Congenital Nephrogenic Diabetes Insipidus with First Presentation as an Adult: A Case Report. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0
99	Pheochromocytoma and paraganglioma: time and space are only part of the essence. <i>European Journal of Endocrinology</i> , 2022, 186, L3-L4.	1.9	0
100	Reviewing the medical literature: five notable articles in general internal medicine from 2010 and 2011. <i>Open Medicine</i> , 2012, 6, e17-23.	1.5	0
101	PCSK9 Inhibition Following Myocardial Infarction: A Right Time to Act. <i>Canadian Journal of Cardiology</i> , 2022, , .	0.8	0