

# Andrew D Mcrae

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

1,713  
citations

331670

21  
h-index

330143

37  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2286  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ottawa Statement on the Ethical Design and Conduct of Cluster Randomized Trials. <i>PLoS Medicine</i> , 2012, 9, e1001346.	8.4	218
2	Ethical issues posed by cluster randomized trials in health research. <i>Trials</i> , 2011, 12, 100.	1.6	110
3	When is informed consent required in cluster randomized trials in health research?. <i>Trials</i> , 2011, 12, 202.	1.6	74
4	Limitations of pulmonary embolism ICD-10 codes in emergency department administrative data: let the buyer beware. <i>BMC Medical Research Methodology</i> , 2017, 17, 89.	3.1	68
5	Lessons from everyday lives: A moral justification for acute care research*. <i>Critical Care Medicine</i> , 2002, 30, 1146-1151.	0.9	66
6	Researchers'™ perceptions of ethical challenges in cluster randomized trials: a qualitative analysis. <i>Trials</i> , 2013, 14, 1.	1.6	60
7	Electrical versus pharmacological cardioversion for emergency department patients with acute atrial fibrillation (RAFF2): a partial factorial randomised trial. <i>Lancet, The</i> , 2020, 395, 339-349.	13.7	60
8	Multicenter Emergency Department Validation of the Canadian Syncope Risk Score. <i>JAMA Internal Medicine</i> , 2020, 180, 737.	5.1	50
9	Inadequate reporting of research ethics review and informed consent in cluster randomised trials: review of random sample of published trials. <i>BMJ: British Medical Journal</i> , 2011, 342, d2496-d2496.	2.3	47
10	Ethical and policy issues in cluster randomized trials: rationale and design of a mixed methods research study. <i>Trials</i> , 2009, 10, 61.	1.6	41
11	Prospective and Explicit Clinical Validation of the Ottawa Heart Failure Risk Scale, With and Without Use of Quantitative <sc>NT</sc> &pro <sc>BNP</sc>. <i>Academic Emergency Medicine</i> , 2017, 24, 316-327.	1.8	40
12	Who is the research subject in cluster randomized trials in health research?. <i>Trials</i> , 2011, 12, 183.	1.6	39
13	What is the role and authority of gatekeepers in cluster randomized trials in health research?. <i>Trials</i> , 2012, 13, 116.	1.6	39
14	CAEP Acute Atrial Fibrillation/Flutter Best Practices Checklist. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 334-342.	1.1	35
15	Duration of Electrocardiographic Monitoring of Emergency Department Patients With Syncope. <i>Circulation</i> , 2019, 139, 1396-1406.	1.6	35
16	Emergency department management of syncope: need for standardization and improved risk stratification. <i>Internal and Emergency Medicine</i> , 2015, 10, 619-627.	2.0	32
17	Undetectable Concentrations of a Food and Drug Administration-approved High-sensitivity Cardiac Troponin T Assay to Rule Out Acute Myocardial Infarction at Emergency Department Arrival. <i>Academic Emergency Medicine</i> , 2017, 24, 1267-1277.	1.8	32
18	Contemporary Emergency Department Management of Patients with Chest Pain: A Concise Review and Guide for the High-Sensitivity Troponin Era. <i>Canadian Journal of Cardiology</i> , 2018, 34, 98-108.	1.7	30

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19	Does clinical equipoise apply to cluster randomized trials in health research?. <i>Trials</i> , 2011, 12, 118.	1.6	29
20	Chest ultrasonography versus supine chest radiography for diagnosis of pneumothorax in trauma patients in the emergency department. <i>The Cochrane Library</i> , 2020, 2020, CD013031.	2.8	29
21	Comparative Evaluation of 2-Hour Rapid Diagnostic Algorithms for Acute Myocardial Infarction Using High-Sensitivity Cardiac Troponin T. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1006-1012.	1.7	27
22	2021 CAEP Acute Atrial Fibrillation/Flutter Best Practices Checklist. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 604-610.	1.1	25
23	Predicting Short-term Risk of Arrhythmia among Patients With Syncope: The Canadian Syncope Arrhythmia Risk Score. <i>Academic Emergency Medicine</i> , 2017, 24, 1315-1326.	1.8	23
24	Development of the Canadian COVID-19 Emergency Department Rapid Response Network population-based registry: a methodology study. <i>CMAJ Open</i> , 2021, 9, E261-E270.	2.4	23
25	Challenges in the research ethics review of cluster randomized trials: International survey of investigators. <i>Clinical Trials</i> , 2013, 10, 257-268.	1.6	20
26	Profile of Roche's Elecsys Troponin T Gen 5 STAT blood test (a high-sensitivity cardiac troponin assay) for diagnosing myocardial infarction in the emergency department. <i>Expert Review of Molecular Diagnostics</i> , 2018, 18, 481-489.	3.1	19
27	The impact of high-sensitivity troponin implementation on hospital operations and patient outcomes in 3 tertiary care centers. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1790-1794.	1.6	17
28	Moderate sensitivity and high specificity of emergency department administrative data for transient ischemic attacks. <i>BMC Health Services Research</i> , 2017, 17, 666.	2.2	17
29	Performance of high-sensitivity cardiac troponin in the emergency department for myocardial infarction and a composite cardiac outcome across different estimated glomerular filtration rates. <i>Clinica Chimica Acta</i> , 2018, 479, 166-170.	1.1	17
30	Sex-specific, high-sensitivity cardiac troponin T cut-off concentrations for ruling out acute myocardial infarction with a single measurement. <i>Canadian Journal of Emergency Medicine</i> , 2019, 21, 26-33.	1.1	17
31	Prediction of Early Adverse Events in Emergency Department Patients With Acute Heart Failure: A Systematic Review. <i>Canadian Journal of Cardiology</i> , 2018, 34, 168-179.	1.7	16
32	Temporal trends in emergency department volumes and crowding metrics in a western Canadian province: a population-based, administrative data study. <i>BMC Health Services Research</i> , 2020, 20, 356.	2.2	15
33	Which Patients Should Have Early Surgical Intervention for Acute Ureteral Colic?. <i>Journal of Urology</i> , 2021, 205, 152-158.	0.4	14
34	Sex-related Differences in Emergency Department Renal Colic Management: Females Have Fewer Computed Tomography Scans but Similar Outcomes. <i>Academic Emergency Medicine</i> , 2016, 23, 1153-1160.	1.8	13
35	Safe Cardioversion for Patients With Acute-Onset Atrial Fibrillation and Flutter: Practical Concerns and Considerations. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1296-1300.	1.7	13
36	Changes in presentation, presenting severity and disposition among patients accessing emergency services during the first months of the COVID-19 pandemic in Calgary, Alberta: a descriptive study. <i>CMAJ Open</i> , 2021, 9, E592-E601.	2.4	13

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37	CCEDRRN COVID-19 Infection Score (CCIS): development and validation in a Canadian cohort of a clinical risk score to predict SARS-CoV-2 infection in patients presenting to the emergency department with suspected COVID-19. <i>BMJ Open</i> , 2021, 11, e055832.	1.9	13
38	U.S. Federal Regulations for Emergency Research: A Practical Guide and Commentary. <i>Academic Emergency Medicine</i> , 2008, 15, 88-97.	1.8	12
39	Computerized physician order entry and decision support improves ED analgesic ordering for renal colic. <i>American Journal of Emergency Medicine</i> , 2014, 32, 958-961.	1.6	12
40	Intravenous and Oral Contrast vs Intravenous Contrast Alone Computed Tomography for the Visualization of Appendix and Diagnosis of Appendicitis in Adult Emergency Department Patients. <i>Canadian Association of Radiologists Journal</i> , 2016, 67, 234-241.	2.0	12
41	Variability of renal colic management and outcomes in two Canadian cities. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 702-712.	1.1	12
42	Age-adjusted D-dimer thresholds in the investigation of suspected pulmonary embolism: A retrospective evaluation in patients ages 50 and older using administrative data. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 725-731.	1.1	12
43	A cohort study on physician documentation and the accuracy of administrative data coding to improve passive surveillance of transient ischaemic attacks. <i>BMJ Open</i> , 2017, 7, e015234.	1.9	11
44	The Canadian Cardiovascular Society 2018 guideline update for atrial fibrillation – A different perspective. <i>Canadian Journal of Emergency Medicine</i> , 2019, 21, 572-575.	1.1	11
45	Clinical performance of a new blood control peripheral intravenous catheter: A prospective, randomized, controlled study. <i>International Emergency Nursing</i> , 2016, 25, 59-64.	1.5	10
46	Prevalence of Pulmonary Embolism Among Emergency Department Patients With Syncope: A Multicenter Prospective Cohort Study. <i>Annals of Emergency Medicine</i> , 2019, 73, 500-510.	0.6	10
47	Frequent users of emergency departments and patient flow in Alberta and Ontario, Canada: an administrative data study. <i>BMC Health Services Research</i> , 2020, 20, 938.	2.2	10
48	Cluster-randomized trials: A closer look. <i>Clinical Trials</i> , 2016, 13, 294-300.	1.6	9
49	Characteristics of frequent users of emergency departments in Alberta and Ontario, Canada: an administrative data study. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 206-213.	1.1	9
50	Adverse Events Associated With Electrical Cardioversion in Patients With Acute Atrial Fibrillation and Atrial Flutter. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1775-1782.	1.7	9
51	Influence of publicly available online wait time data on emergency department choice in patients with noncritical complaints. <i>Canadian Journal of Emergency Medicine</i> , 2012, 14, 237-246.	1.1	8
52	A prehospital treat-and-release protocol for supraventricular tachycardia. <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 395-402.	1.1	8
53	Engaging emergency clinicians in emergency department clinical research. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 443-447.	1.1	8
54	A Multicenter Assessment of the Sensitivity and Specificity for a Single High-Sensitivity Cardiac Troponin Test at Emergency Department Presentation for Hospital Admission. <i>Journal of Applied Laboratory Medicine</i> , The, 2019, 4, 170-179.	1.3	8

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55	External validation of a low HEAR score to identify emergency department chest pain patients at very low risk of major adverse cardiac events without troponin testing. <i>Canadian Journal of Emergency Medicine</i> , 2022, 24, 68-74.	1.1	8
56	Risk in Emergency Research Using a Waiver of/Exception from Consent: Implications of a Structured Approach for Institutional Review Board Review. <i>Academic Emergency Medicine</i> , 2005, 12, 1104-1112.	1.8	7
57	Canadian Institutes of Health Research dissemination grant on high-sensitivity cardiac troponin. <i>Clinical Biochemistry</i> , 2014, 47, 155-157.	1.9	7
58	The Perioperative Surgical Home, Enhanced Recovery After Surgery and how integration of these models may improve care for medically complex patients. <i>Canadian Journal of Surgery</i> , 2021, 64, E381-E390.	1.2	7
59	A comparative evaluation of the strengths of association between different emergency department crowding metrics and repeat visits within 72 hours. <i>Canadian Journal of Emergency Medicine</i> , 2022, 24, 27-34.	1.1	7
60	Low High-Sensitivity Troponin Thresholds Identify Low-Risk Patients With Chest Pain Unlikely to Benefit From Further Risk Stratification. <i>CJC Open</i> , 2019, 1, 289-296.	1.5	6
61	Derivation and Internal Validation of a Clinical Risk Prediction Tool for Hyperkalemia-Related Emergency Department Encounters Among Hemodialysis Patients. <i>Canadian Journal of Kidney Health and Disease</i> , 2020, 7, 205435812095328.	1.1	5
62	Prospective comparative evaluation of the European Society of Cardiology (ESC) 1-hour and a 2-hour rapid diagnostic algorithm for myocardial infarction using high-sensitivity troponin-T. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 712-720.	1.1	5
63	Ethical, legal and administrative implications of the use of video and audio recording in an emergency department in Ontario, Canada. <i>BMJ Innovations</i> , 2021, 7, 224-230.	1.7	5
64	A randomized, controlled comparison of electrical versus pharmacological cardioversion for emergency department patients with acute atrial flutter. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 314-324.	1.1	5
65	S100B protein level for the detection of clinically significant intracranial haemorrhage in patients with mild traumatic brain injury: a subanalysis of a prospective cohort study. <i>Emergency Medicine Journal</i> , 2021, 38, 285-289.	1.0	5
66	Personalised risk prediction following emergency department assessment for syncope. <i>Emergency Medicine Journal</i> , 2021, , emermed-2020-211095.	1.0	5
67	Reporting of patient consent in healthcare cluster randomised trials is associated with the type of study interventions and publication characteristics. <i>Journal of Medical Ethics</i> , 2013, 39, 119-124.	1.8	4
68	Benefit of hospital admission for detecting serious adverse events among emergency department patients with syncope: a propensity-score matched analysis of a multicentre prospective cohort. <i>Cmaj</i> , 2020, 192, E1198-E1205.	2.0	4
69	Hydronephrosis severity clarifies prognosis and guides management for emergency department patients with acute ureteral colic. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 687-695.	1.1	4
70	Decision support for computed tomography in the emergency department: a multicenter cluster-randomized controlled trial. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 631-640.	1.1	4
71	Transfusions in patients with iron deficiency anemia following release of Choosing Wisely Guidelines. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 475-479.	1.1	3
72	Slow or swift, your patients' experience won't drift: absence of correlation between physician productivity and the patient experience. <i>Canadian Journal of Emergency Medicine</i> , 2017, 19, 372-380.	1.1	2

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73	Patient classification based on volume and case-mix in the emergency department and their association with performance. <i>Health Care Management Science</i> , 2020, 23, 387-400.	2.6	2
74	Adverse Events Among Emergency Department Patients With Cardiovascular Conditions: A Multicenter Study. <i>Annals of Emergency Medicine</i> , 2021, 77, 561-574.	0.6	2
75	Point-of-care ultrasound-guided regional anaesthesia in older ED patients with hip fractures: a study to test the feasibility of a training programme and time needed to complete nerve blocks by ED physicians after training. <i>BMJ Open</i> , 2021, 11, e047113.	1.9	2
76	Age-varying effects of repeated emergency department presentations for children in Canada. <i>Journal of Health Services Research and Policy</i> , 2022, 27, 278-286.	1.7	2
77	Response by Thiruganasambandamoorthy et al to Letters Regarding Article, "Duration of Electrocardiographic Monitoring of Emergency Department Patients With Syncope". <i>Circulation</i> , 2019, 140, e655-e656.	1.6	1
78	CJEM Debate Series: #TropandGo "Negative high sensitivity troponin testing is safe as a final test for most emergency department patients with chest pain. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 14-18.	1.1	1
79	Recommendations for enhancing collaboration between the Canadian emergency department quality improvement and research communities. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 303-309.	1.1	1
80	High-Sensitivity Cardiac Troponins and Clinical Decision Making in Caring for Patients With Chest Pain. <i>Annals of Internal Medicine</i> , 2021, , .	3.9	1
81	SARS-CoV-2 vaccination should be required to practise medicine in Canada. <i>Cmaj</i> , 2021, 193, E1816-E1817.	2.0	1
82	Highly-sensitive troponin T algorithm facilitates early discharge of low-risk chest pain patients within 1h of emergency department arrival. <i>Evidence-Based Medicine</i> , 2015, 20, 144-144.	0.6	0
83	Is conservative management noninferior to interventional treatment for moderate to large primary spontaneous pneumothoraces?. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 772-773.	1.1	0
84	Does early intervention improve outcomes for patients with acute ureteral colic?. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 679-686.	1.1	0
85	Starting, building and sustaining a program of research in emergency medicine in Canada. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 297-302.	1.1	0
86	Wide-complex tachycardias in the ED: how do we make good care even better?. <i>Canadian Journal of Emergency Medicine</i> , 2022, 24, 111-112.	1.1	0