

Christian Vaillancourt

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

119 papers	6,021 citations	38 h-index	76 g-index
128 ext. papers	7,278 ext. citations	5.3 avg, IF	5.37 L-index

#	Paper	IF	Citations
119	Multi-centre implementation of an Educational program to improve the Cardiac Arrest diagnostic accuracy of ambulance Telecommunicators and survival outcomes for sudden cardiac arrest victims: the EduCATE study design and methodology. <i>BMC Emergency Medicine</i> , 2021 , 21, 26	2.4	
118	Interim Guidance for Emergency Medical Services Management of Out-of-Hospital Cardiac Arrest During the COVID-19 Pandemic. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e007666	5.8	3
117	Machine Learning Versus Usual Care for Diagnostic and Prognostic Prediction in the Emergency Department: A Systematic Review. <i>Academic Emergency Medicine</i> , 2021 , 28, 184-196	3.4	11
116	Optimizing collaborative relationships in emergency medicine research. <i>Canadian Journal of Emergency Medicine</i> , 2021 , 23, 291-296	0.6	0
115	Diagnosis of out-of-hospital cardiac arrest by emergency medical dispatch: A diagnostic systematic review. <i>Resuscitation</i> , 2021 , 159, 85-96	4	10
114	Evaluating the paramedic application of the prehospital Canadian C-Spine Rule in sport-related injuries. <i>Canadian Journal of Emergency Medicine</i> , 2021 , 23, 356-364	0.6	
113	Targeted temperature management following out-of-hospital cardiac arrest: a systematic review and network meta-analysis of temperature targets. <i>Intensive Care Medicine</i> , 2021 , 47, 1078-1088	14.5	18
112	Variation in time to notification of enrollment and rates of withdrawal in resuscitation trials conducted under exception from informed consent. <i>Resuscitation</i> , 2021 , 168, 160-166	4	1
111	Diagnostic Accuracy of Lung Point-Of-Care Ultrasonography for Acute Heart Failure Compared With Chest X-Ray Study Among Dyspneic Older Patients in the Emergency Department. <i>Journal of Emergency Medicine</i> , 2021 , 61, 161-168	1.5	1
110	CPR compression strategy 30:2 is difficult to adhere to, but has better survival than continuous chest compressions when done correctly. <i>Resuscitation</i> , 2021 , 165, 31-37	4	1
109	Compression depth measured by accelerometer vs. outcome in patients with out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 167, 95-104	4	3
108	Current practices and challenges in assessing traumatic hemorrhage: An international survey of trauma care providers. <i>Journal of Trauma and Acute Care Surgery</i> , 2021 , 90, e95-e100	3.3	1
107	Adult Basic Life Support: International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Resuscitation</i> , 2020 , 156, A35-A79	4	37
106	ReACanROC: Towards the creation of a France-Canada research network for out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2020 , 152, 133-140	4	1
105	Pre-arrest and intra-arrest prognostic factors associated with survival following traumatic out-of-hospital cardiac arrest - A systematic review and meta-analysis. <i>Resuscitation</i> , 2020 , 153, 119-135	4	11
104	Using emergency physicians' abilities to predict patient admission to decrease admission delay time. <i>Emergency Medicine Journal</i> , 2020 , 37, 417-422	1.5	1
103	Telecommunicator Cardiopulmonary Resuscitation: A Policy Statement From the American Heart Association. <i>Circulation</i> , 2020 , 141, e686-e700	16.7	22

102	The impact of increased chest compression fraction on survival for out-of-hospital cardiac arrest patients with a non-shockable initial rhythm. <i>Resuscitation</i> , 2020 , 154, 93-100	4	7
101	Evaluating the impact of point-of-care ultrasonography on patients with suspected acute heart failure or chronic obstructive pulmonary disease exacerbation in the emergency department: A prospective observational study. <i>Canadian Journal of Emergency Medicine</i> , 2020 , 22, 342-349	0.6	5
100	Just the Facts: Protected code blue - Cardiopulmonary resuscitation in the emergency department during the coronavirus disease 2019 pandemic. <i>Canadian Journal of Emergency Medicine</i> , 2020 , 22, 431-434	0.6	3
99	Pragmatic Strategy Empowering Paramedics to Assess Low-Risk Trauma Patients With the Canadian C-Spine Rule and Selectively Transport Them Without Immobilization: Protocol for a Stepped-Wedge Cluster Randomized Trial. <i>JMIR Research Protocols</i> , 2020 , 9, e16966	2	1
98	Can a screening tool safely identify low risk cardiac patients to be transported with primary care flight paramedics?. <i>Canadian Journal of Emergency Medicine</i> , 2020 , 22, S38-S44	0.6	
97	Adult Basic Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2020 , 142, S41-S91	16.7	32
96	Early identification of the need for major intervention in patients with traumatic hemorrhage: development and internal validation of a simple bleeding score. <i>Canadian Journal of Surgery</i> , 2020 , 63, E422-E430	2	1
95	The BEACON study: protocol for a cohort study as part of an evaluation of the effectiveness of smartphone-assisted problem-solving therapy in men who present with intentional self-harm to emergency departments in Ontario. <i>Trials</i> , 2020 , 21, 925	2.8	0
94	Association of Intra-arrest Transport vs Continued On-Scene Resuscitation With Survival to Hospital Discharge Among Patients With Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1058-1067	27.4	40
93	Chest compression components (rate, depth, chest wall recoil and leaning): A scoping review. <i>Resuscitation</i> , 2020 , 146, 188-202	4	26
92	Multiple shocks or early transfer for shock refractory ventricular fibrillation?. <i>Canadian Journal of Emergency Medicine</i> , 2019 , 21, 315-317	0.6	1
91	A systematic review and meta-analysis of the effect of dispatcher-assisted CPR on outcomes from sudden cardiac arrest in adults and children. <i>Resuscitation</i> , 2019 , 138, 82-105	4	38
90	Accuracy of massive transfusion as a surrogate for significant traumatic bleeding in health administrative datasets. <i>Injury</i> , 2019 , 50, 318-323	2.5	3
89	Evaluation of pain management in medical transfer of trauma patients by air. <i>Canadian Journal of Emergency Medicine</i> , 2019 , 21, 776-783	0.6	
88	Adverse events associated with nonsteroidal anti-inflammatory drug use among patients taking oral anticoagulants. <i>Canadian Journal of Emergency Medicine</i> , 2019 , 21, 550-551	0.6	
87	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Resuscitation</i> , 2019 , 145, 95-150	4	62
86	Assessment of Pain Management During Interfacility Air Medical Transport of Intubated Patients. <i>Air Medical Journal</i> , 2019 , 38, 421-425	1	
85	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Pediatric Life Support; Neonatal Life Support; Education, Implementation, and Teams; and First Aid Task Forces. <i>Circulation</i> , 2019 , 140, e826-e880	16.7	82

84	Pre-arrest and intra-arrest prognostic factors associated with survival after in-hospital cardiac arrest: systematic review and meta-analysis. <i>BMJ, The</i> , 2019 , 367, l6373	5.9	31
83	Impact of Bystander Automated External Defibrillator Use on Survival and Functional Outcomes in Shockable Observed Public Cardiac Arrests. <i>Circulation</i> , 2018 , 137, 2104-2113	16.7	68
82	A Multicenter Program to Implement the Canadian C-Spine Rule by Emergency Department Triage Nurses. <i>Annals of Emergency Medicine</i> , 2018 , 72, 333-341	2.1	10
81	Factors influencing the intentions of nurses and respiratory therapists to use automated external defibrillators during in-hospital cardiac arrest: a qualitative interview study. <i>Canadian Journal of Emergency Medicine</i> , 2018 , 20, 68-79	0.6	3
80	Systematic review of the use of low-dose ketamine for analgesia in the emergency department. <i>Canadian Journal of Emergency Medicine</i> , 2018 , 20, 36-45	0.6	14
79	Recommendations for patient engagement in patient-oriented emergency medicine research. <i>Canadian Journal of Emergency Medicine</i> , 2018 , 20, 435-442	0.6	13
78	Utility of prehospital electrocardiogram characteristics as prognostic markers in out-of-hospital pulseless electrical activity arrests. <i>Emergency Medicine Journal</i> , 2018 , 35, 89-95	1.5	4
77	Patient and paramedic engagement in prehospital emergency medicine research. <i>Cmaj</i> , 2018 , 190, S48-S49	1.5	2
76	The safety and efficacy of on-site paramedic and allied health treatment interventions targeting the reduction of emergency department visits by long-term care patients: systematic review protocol. <i>Systematic Reviews</i> , 2018 , 7, 206	3	3
75	Safety and clinically important events in PCP-initiated STEMI bypass in Ottawa. <i>Canadian Journal of Emergency Medicine</i> , 2018 , 20, 865-873	0.6	2
74	Variation in Survival After Out-of-Hospital Cardiac Arrest Between Emergency Medical Services Agencies. <i>JAMA Cardiology</i> , 2018 , 3, 989-999	16.2	35
73	Analysis of bystander CPR quality during out-of-hospital cardiac arrest using data derived from automated external defibrillators. <i>Resuscitation</i> , 2018 , 128, 138-143	4	17
72	Remifentanyl for procedural sedation: a systematic review of the literature. <i>Emergency Medicine Journal</i> , 2017 , 34, 294-301	1.5	15
71	The association between AHA CPR quality guideline compliance and clinical outcomes from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017 , 116, 39-45	4	37
70	Early identification of patients requiring massive transfusion, embolization, or hemostatic surgery for traumatic hemorrhage: a systematic review protocol. <i>Systematic Reviews</i> , 2017 , 6, 80	3	9
69	Diagnosis and management of deep vein thrombosis in pregnancy. <i>BMJ, The</i> , 2017 , 357, j2344	5.9	5
68	Should we screen extensively for cancer after unprovoked venous thrombosis?. <i>BMJ, The</i> , 2017 , 356, j1081	5.9	3
67	Antiarrhythmic Drugs for Nonshockable-Turned-Shockable Out-of-Hospital Cardiac Arrest: The ALPS Study (Amiodarone, Lidocaine, or Placebo). <i>Circulation</i> , 2017 , 136, 2119-2131	16.7	17

66	Validation of the Ottawa Subarachnoid Hemorrhage Rule in patients with acute headache. <i>Cmaj</i> , 2017 , 189, E1379-E1385	3.5	35
65	2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Circulation</i> , 2017 , 136, e424-e440	16.7	60
64	2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Resuscitation</i> , 2017 , 121, 201-214	4	70
63	Evaluating a medical directive for nurse-initiated analgesia in the Emergency Department. <i>International Emergency Nursing</i> , 2017 , 35, 13-18	2.4	8
62	Cardiopulmonary resuscitation. <i>Cmaj</i> , 2017 , 189, E25	3.5	1
61	Are emergency department clinical pathway interventions adequately described, and are they delivered as intended? A systematic review. <i>International Journal of Care Coordination</i> , 2017 , 20, 148-161	0.9	1
60	Outcome variation among Canadian trauma centres: toward a clinical prediction rule for standardizing approaches to clinical assessment of hemorrhage. <i>Canadian Journal of Surgery</i> , 2017 , 60, E3	2	2
59	Unchanged pediatric out-of-hospital cardiac arrest incidence and survival rates with regional variation in North America. <i>Resuscitation</i> , 2016 , 107, 121-8	4	89
58	Association of advanced airway device with chest compression fraction during out-of-hospital cardiopulmonary arrest. <i>Resuscitation</i> , 2016 , 98, 35-40	4	30
57	Bystander fatigue and CPR quality by older bystanders: a randomized crossover trial comparing continuous chest compressions and 30:2 compressions to ventilations. <i>Canadian Journal of Emergency Medicine</i> , 2016 , 18, 461-468	0.6	10
56	Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2016 , 374, 1711-22	59.2	225
55	Facilitators and barriers to application of the Canadian C-spine rule by emergency department triage nurses. <i>International Emergency Nursing</i> , 2016 , 27, 24-30	2.4	7
54	What is new in the 2015 American Heart Association guidelines, what is recycled from 2010, and what is relevant for emergency medicine in Canada. <i>Canadian Journal of Emergency Medicine</i> , 2016 , 18, 223-9	0.6	1
53	A quantitative analysis of out-of-hospital pediatric and adolescent resuscitation quality--A report from the ROC epistry-cardiac arrest. <i>Resuscitation</i> , 2015 , 93, 150-7	4	65
52	Cardiac arrest diagnostic accuracy of 9-1-1 dispatchers: a prospective multi-center study. <i>Resuscitation</i> , 2015 , 90, 116-20	4	31
51	A randomized trial of continuous versus interrupted chest compressions in out-of-hospital cardiac arrest: rationale for and design of the Resuscitation Outcomes Consortium Continuous Chest Compressions Trial. <i>American Heart Journal</i> , 2015 , 169, 334-341.e5	4.9	27
50	Part 3: Adult Basic Life Support and Automated External Defibrillation: 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2015 , 132, S51-83	16.7	149
49	Chest compression fraction: A time dependent variable of survival in shockable out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2015 , 97, 129-35	4	35

48	Trial of Continuous or Interrupted Chest Compressions during CPR. <i>New England Journal of Medicine</i> , 2015 , 373, 2203-14	59.2	173
47	CAEP 2014 Academic symposium: "How to make research succeed in your department: How to fund your research program". <i>Canadian Journal of Emergency Medicine</i> , 2015 , 17, 453-61	0.6	9
46	Part 3: Adult basic life support and automated external defibrillation: 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations. <i>Resuscitation</i> , 2015 , 95, e43-69	4	157
45	How do emergency physicians make discharge decisions?. <i>Emergency Medicine Journal</i> , 2015 , 32, 9-14	1.5	14
44	Resuscitation Outcomes Consortium-Amiodarone, Lidocaine or Placebo Study (ROC-ALPS): Rationale and methodology behind an out-of-hospital cardiac arrest antiarrhythmic drug trial. <i>American Heart Journal</i> , 2014 , 167, 653-9.e4	4.9	43
43	What is the optimal chest compression depth during out-of-hospital cardiac arrest resuscitation of adult patients?. <i>Circulation</i> , 2014 , 130, 1962-70	16.7	216
42	The impact of peri-shock pause on survival from out-of-hospital shockable cardiac arrest during the Resuscitation Outcomes Consortium PRIMED trial. <i>Resuscitation</i> , 2014 , 85, 336-42	4	133
41	Patient safety analysis of the ED care of patients with heart failure and COPD exacerbations: a multicenter prospective cohort study. <i>American Journal of Emergency Medicine</i> , 2014 , 32, 29-35	2.9	11
40	Barriers and facilitators to CPR knowledge transfer in an older population most likely to witness cardiac arrest: a theory-informed interview approach. <i>Emergency Medicine Journal</i> , 2014 , 31, 700-5	1.5	16
39	Barriers and facilitators to CPR training and performing CPR in an older population most likely to witness cardiac arrest: a national survey. <i>Resuscitation</i> , 2013 , 84, 1747-52	4	29
38	Endotracheal intubation versus supraglottic airway insertion in out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2012 , 83, 1061-6	4	110
37	Wide variability in drug use in out-of-hospital cardiac arrest: a report from the resuscitation outcomes consortium. <i>Resuscitation</i> , 2012 , 83, 1324-30	4	35
36	Experiential and rational decision making: a survey to determine how emergency physicians make clinical decisions. <i>Emergency Medicine Journal</i> , 2012 , 29, 811-6	1.5	22
35	Factors associated with the successful recognition of abnormal breathing and cardiac arrest by ambulance communications officers: a qualitative iterative survey. <i>Prehospital Emergency Care</i> , 2012 , 16, 443-50	2.8	5
34	Regional variations in early and late survival after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2012 , 83, 1343-8	4	33
33	Mapping out the emergency department disposition decision for high-acuity patients. <i>Annals of Emergency Medicine</i> , 2012 , 60, 567-576.e4	2.1	51
32	What is the role of chest compression depth during out-of-hospital cardiac arrest resuscitation?. <i>Critical Care Medicine</i> , 2012 , 40, 1192-8	1.4	288
31	Test characteristics of ultrasonography for the detection of pneumothorax: a systematic review and meta-analysis. <i>Chest</i> , 2012 , 141, 703-708	5.3	676

30	Ultrasonography for the Detection of Pneumothorax: Response. <i>Chest</i> , 2012 , 142, 538-539	5.3	
29	Early versus later rhythm analysis in patients with out-of-hospital cardiac arrest. <i>New England Journal of Medicine</i> , 2011 , 365, 787-97	59.2	185
28	In out-of-hospital cardiac arrest patients, does the description of any specific symptoms to the emergency medical dispatcher improve the accuracy of the diagnosis of cardiac arrest: a systematic review of the literature. <i>Resuscitation</i> , 2011 , 82, 1483-9	4	43
27	The impact of increased chest compression fraction on return of spontaneous circulation for out-of-hospital cardiac arrest patients not in ventricular fibrillation. <i>Resuscitation</i> , 2011 , 82, 1501-7	4	176
26	In patients with out-of-hospital cardiac arrest, does the provision of dispatch cardiopulmonary resuscitation instructions as opposed to no instructions improve outcome: a systematic review of the literature. <i>Resuscitation</i> , 2011 , 82, 1490-5	4	71
25	Evaluation of the safety of C-spine clearance by paramedics: design and methodology. <i>BMC Emergency Medicine</i> , 2011 , 11, 1	2.4	31
24	Performer fatigue and CPR quality comparing 30:2 to 15:2 compression to ventilation ratios in older bystanders: A randomized crossover trial. <i>Resuscitation</i> , 2011 , 82, 51-6	4	20
23	Socioeconomic status and incidence of sudden cardiac arrest. <i>Cmaj</i> , 2011 , 183, 1705-12	3.5	76
22	CAEP position statement on bystander cardiopulmonary resuscitation. <i>Canadian Journal of Emergency Medicine</i> , 2011 , 13, 339-342	0.6	2
21	Vernakalant hydrochloride: A novel atrial-selective agent for the cardioversion of recent-onset atrial fibrillation in the emergency department. <i>Academic Emergency Medicine</i> , 2010 , 17, 1175-82	3.4	15
20	Out-of-hospital cardiac arrest surveillance in Canada: a survey of national resources. <i>Canadian Journal of Emergency Medicine</i> , 2010 , 12, 119-27	0.6	2
19	Part 5: Adult basic life support: 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2010 , 122, S298-324	16.7	137
18	Out-of-hospital hypertonic resuscitation following severe traumatic brain injury: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 1455-64	27.4	203
17	Adverse events among patients registered in high-acuity areas of the emergency department: a prospective cohort study. <i>Canadian Journal of Emergency Medicine</i> , 2010 , 12, 421-30	0.6	56
16	Association of the Ottawa Aggressive Protocol with rapid discharge of emergency department patients with recent-onset atrial fibrillation or flutter. <i>Canadian Journal of Emergency Medicine</i> , 2010 , 12, 181-91	0.6	92
15	A geospatial assessment of transport distance and survival to discharge in out of hospital cardiac arrest patients: Implications for resuscitation centers. <i>Resuscitation</i> , 2010 , 81, 518-23	4	43
14	Chest compression fraction determines survival in patients with out-of-hospital ventricular fibrillation. <i>Circulation</i> , 2009 , 120, 1241-7	16.7	547
13	A survey of factors associated with the successful recognition of agonal breathing and cardiac arrest by 9-1-1 call takers: design and methodology. <i>BMC Emergency Medicine</i> , 2009 , 9, 14	2.4	3

12	The out-of-hospital validation of the Canadian C-Spine Rule by paramedics. <i>Annals of Emergency Medicine</i> , 2009 , 54, 663-671.e1	2.1	70
11	Understanding and improving low bystander CPR rates: a systematic review of the literature. <i>Canadian Journal of Emergency Medicine</i> , 2008 , 10, 51-65	0.6	124
10	An evaluation of 9-1-1 calls to assess the effectiveness of dispatch-assisted cardiopulmonary resuscitation (CPR) instructions: design and methodology. <i>BMC Emergency Medicine</i> , 2008 , 8, 12	2.4	11
9	A survey of attitudes and factors associated with successful cardiopulmonary resuscitation (CPR) knowledge transfer in an older population most likely to witness cardiac arrest: design and methodology. <i>BMC Emergency Medicine</i> , 2008 , 8, 13	2.4	22
8	Socioeconomic status influences bystander CPR and survival rates for out-of-hospital cardiac arrest victims. <i>Resuscitation</i> , 2008 , 79, 417-23	4	89
7	Opposition to the use of lidocaine in rapid sequence intubation. <i>Annals of Emergency Medicine</i> , 2007 , 49, 86-7	2.1	20
6	Evaluating the effectiveness of dispatch-assisted cardiopulmonary resuscitation instructions. <i>Academic Emergency Medicine</i> , 2007 , 14, 877-83	3.4	132
5	Emergency department use of intravenous procainamide for patients with acute atrial fibrillation or flutter. <i>Academic Emergency Medicine</i> , 2007 , 14, 1158-64	3.4	53
4	Acute compartment syndrome: how long before muscle necrosis occurs?. <i>Canadian Journal of Emergency Medicine</i> , 2004 , 6, 147-54	0.6	52
3	Cardiac arrest care and emergency medical services in Canada. <i>Canadian Journal of Cardiology</i> , 2004 , 20, 1081-90	3.8	124
2	Public access defibrillation. <i>Canadian Journal of Emergency Medicine</i> , 2002 , 4, 3	0.6	
1	Quantifying delays in the recognition and management of acute compartment syndrome. <i>Canadian Journal of Emergency Medicine</i> , 2001 , 3, 26-30	0.6	10