Steven C Brooks

List of Publications by Year
in descending order

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99 papers	7,012 citations	66234 42 h-index	58464 82 g-index
100 all docs	100 docs citations	100 times ranked	6647 citing authors

#	Article	IF	Citations
1	2021 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19: From the Emergency Cardiovascular Care Committee and Get With The Guidelines-Resuscitation Adult and Pediatric Task Forces of the American Heart Association in Collaboration With the American Academy of Pediatrics, American Association for Respiratory Care, the Society of Critical Care Anesthesiologists, and American Society of Anesthesiologists. Circulation: Cardiovascular Quality and Outcomes, 2022, 15, .	0.9	16
2	The CCEDRRN COVID-19 Mortality Score to predict death among nonpalliative patients with COVID-19 presenting to emergency departments: a derivation and validation study. CMAJ Open, 2022, 10, E90-E99.	1.1	16
3	Optimizing outcomes after out-of-hospital cardiac arrest with innovative approaches to public-access defibrillation: A scientific statement from the International Liaison Committee on Resuscitation. Resuscitation, 2022, 172, 204-228.	1.3	20
4	Optimizing Outcomes After Out-of-Hospital Cardiac Arrest With Innovative Approaches to Public-Access Defibrillation: A Scientific Statement From the International Liaison Committee on Resuscitation. Circulation, 2022, 145, CIR0000000000001013.	1.6	44
5	Bystander-initiated cardiopulmonary resuscitation and automated external defibrillator use after out-of-hospital cardiac arrest: Uncovering disparities in care and survival across the urbanâ€“rural spectrum. Resuscitation, 2022, 175, 150-158.	1.3	15
6	Nitrates for acute heart failure syndromes. The Cochrane Library, 2021, 2021, CD005151.	1.5	55
7	Crowdsourcing to save lives: A scoping review of bystander alert technologies for out-of-hospital cardiac arrest. Resuscitation, 2021, 158, 94-121.	1.3	53
8	Current Use, Capacity, and Perceived Barriers to the Use of Extracorporeal Cardiopulmonary Resuscitation for Out-of-Hospital Cardiac Arrest in Canada. CJC Open, 2021, 3, 327-336.	0.7	5
9	Public defibrillator accessibility and mobility trends during the COVID-19 pandemic in Canada. Resuscitation, 2021, 162, 329-333.	1.3	16
10	Socioeconomically equitable public defibrillator placement using mathematical optimization. Resuscitation, 2021, 166, 14-20.	1.3	14
11	Development of the Canadian COVID-19 Emergency Department Rapid Response Network population-based registry: a methodology study. CMAJ Open, 2021, 9, E261-E270.	1.1	23
12	Moderating effects of out-of-hospital cardiac arrest characteristics on the association between EMS response time and survival. Resuscitation, 2021, 169, 31-38.	1.3	14
13	2021 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e008396.	0.9	21
14	Effect of Optimized Versus Guidelinesâ€Based Automated External Defibrillator Placement on Outâ€ofâ€Hospital Cardiac Arrest Coverage: An In Silico Trial. Journal of the American Heart Association, 2020, 9, e016701.	1.6	16
15	Adult Basic Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Circulation, 2020, 142, S41-S91.	1.6	85
16	Adult Basic Life Support. Resuscitation, 2020, 156, A35-A79.	1.3	74
17	Improving Access to Automated External Defibrillators in Rural and Remote Settings: A Drone Delivery Feasibility Study. Journal of the American Heart Association, 2020, 9, e016687.	1.6	65
18	High risk neighbourhoods: The effect of neighbourhood level factors on cardiac arrest incidence. Resuscitation, 2020, 149, 100-108.	1.3	5

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19	Cochrane corner: Are mechanical compressions better than manual compressions in cardiac arrest?. Heart, 2020, 106, 559-561.	1.2	2
20	Public access defibrillators: Gender-based inequities in access and application. Resuscitation, 2020, 150, 17-22.	1.3	13
21	Mechanical versus manual chest compressions for cardiac arrest. Emergencias, 2020, 32, 365-366.	0.6	0
22	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Resuscitation, 2019, 145, 95-150.	1.3	110
23	In Silico Trial of Optimized Versus ActualÂPublic Defibrillator Locations. Journal of the American College of Cardiology, 2019, 74, 1557-1567.	1.2	18
24	Early advanced life support attendance is associated with improved survival and neurologic outcomes after non-traumatic out-of-hospital cardiac arrest in a tiered prehospital response system. Resuscitation, 2019, 135, 137-144.	1.3	24
25	Unexpected High Prevalence of Cardiovascular Disease Risk Factors and Psychiatric Disease Among Young People With Sudden Cardiac Arrest. Journal of the American Heart Association, 2019, 8, e010330.	1.6	30
26	Health care utilization prior to out-of-hospital cardiac arrest: A population-based study. Resuscitation, 2019, 141, 158-165.	1.3	14
27	A systematic review and meta-analysis of the effect of dispatcher-assisted CPR on outcomes from sudden cardiac arrest in adults and children. Resuscitation, 2019, 138, 82-105.	1.3	71
28	Patient and hospital factors predict use of coronary angiography in out-of-hospital cardiac arrest patients. Resuscitation, 2019, 138, 182-189.	1.3	10
29	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. Circulation, 2019, 140, e826-e880.	1.6	138
30	Improving Temporal Trends in Survival and Neurological Outcomes After Out-of-Hospital Cardiac Arrest. Circulation: Cardiovascular Quality and Outcomes, 2018, 11, e003561.	0.9	91
31	Make it two: A case report of dual sequential external defibrillation. Canadian Journal of Emergency Medicine, 2018, 20, 792-797.	0.5	9
32	Mechanical versus manual chest compressions for cardiac arrest. The Cochrane Library, 2018, 8, CD007260.	1.5	49
33	Incidence, outcomes and guideline compliance of out-of-hospital maternal cardiac arrest resuscitations: A population-based cohort study. Resuscitation, 2018, 132, 127-132.	1.3	20
34	Barriers and opportunities related to extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest in Canada: A report from the first meeting of the Canadian ECPR Research Working Group. Canadian Journal of Emergency Medicine, 2018, 20, 507-517.	0.5	13
35	CPR quality during out-of-hospital cardiac arrest transport. Resuscitation, 2017, 114, 34-39.	1.3	49
36	Optimizing a Drone Network to Deliver Automated External Defibrillators. Circulation, 2017, 135, 2454-2465.	1.6	196

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37	Variability in the initiation of resuscitation attempts by emergency medical services personnel during out-of-hospital cardiac arrest. Resuscitation, 2017, 117, 102-108.	1.3	24
38	Ranking Businesses and Municipal Locations by Spatiotemporal Cardiac Arrest Risk to Guide Public Defibrillator Placement. Circulation, 2017, 135, 1104-1119.	1.6	25
39	Prehospital cooling to improve successful targeted temperature management after cardiac arrest: A randomized controlled trial. Resuscitation, 2017, 121, 187-194.	1.3	40
40	Reply to: Performing cardiopulmonary resuscitation during ambulance transport: Safety and efficacy. Resuscitation, 2017, 116, e17.	1.3	0
41	2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. Circulation, 2017, 136, e424-e440.	1.6	104
42	2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. Resuscitation, 2017, 121, 201-214.	1.3	88
43	The impact of hospital experience with out-of-hospital cardiac arrest patients on post cardiac arrest care. Resuscitation, 2017, 110, 169-175.	1.3	19
44	North American Public Opinion Survey on the Acceptability of Crowdsourcing Basic Life Support for Out-of-Hospital Cardiac Arrest With the PulsePoint Mobile Phone App. JMIR MHealth and UHealth, 2017, 5, e63.	1.8	29
45	Accuracy of instructor assessment of chest compression quality during simulated resuscitation. Canadian Journal of Emergency Medicine, 2016, 18, 276-282.	0.5	30
46	What is new in the 2015 American Heart Association guidelines, what is recycled from 2010, and what is relevant for emergency medicine in Canada. Canadian Journal of Emergency Medicine, 2016, 18, 223-229.	0.5	1
47	Improving Appropriate Neurologic Prognostication after Cardiac Arrest. A Stepped Wedge Cluster Randomized Controlled Trial. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1083-1091.	2.5	28
48	Overcoming Spatial and Temporal BarriersÂto Public Access Defibrillators ViaÂOptimization. Journal of the American College of Cardiology, 2016, 68, 836-845.	1.2	76
49	The Postcardiac Arrest Consult Team. Critical Care Medicine, 2016, 44, 2037-2044.	0.4	22
50	Use of Mobile Devices, Social Media, and Crowdsourcing as Digital Strategies to Improve Emergency Cardiovascular Care. Circulation, 2016, 134, e87-e108.	1.6	92
51	The PulsePoint Respond mobile device application to crowdsource basic life support for patients with out-of-hospital cardiac arrest: Challenges for optimal implementation. Resuscitation, 2016, 98, 20-26.	1.3	123
52	Canadian Guidelines for the use of targeted temperature management (therapeutic hypothermia) after cardiac arrest: A joint statement from The Canadian Critical Care Society (CCCS), Canadian Neurocritical Care Society (CNCCS), and the Canadian Critical Care Trials Group (CCCTG). Resuscitation, 2016, 98, 48-63.	1.3	42
53	Part 8: Education, implementation, and teams. Resuscitation, 2015, 95, e203-e224.	1.3	115
54	Implementation of a post-arrest care team: understanding the nuances of a team-based intervention. Implementation Science, 2015, 11, 112.	2.5	7

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55	Improving Use of Targeted Temperature Management After Out-of-Hospital Cardiac Arrest. Critical Care Medicine, 2015, 43, 954-964.	0.4	34
56	Out-of-hospital cardiac arrest survival improving over time: Results from the Resuscitation Outcomes Consortium (ROC). Resuscitation, 2015, 91, 108-115.	1.3	388
57	Chest Compression Rates and Survival Following Out-of-Hospital Cardiac Arrest*. Critical Care Medicine, 2015, 43, 840-848.	0.4	270
58	Part 8: Education, Implementation, and Teams. Circulation, 2015, 132, S242-S268.	1.6	111
59	Part 4: Advanced life support. Resuscitation, 2015, 95, e71-e120.	1.3	234
60	Part 6: Alternative Techniques and Ancillary Devices for Cardiopulmonary Resuscitation. Circulation, 2015, 132, S436-43.	1.6	144
61	Part 1: Executive Summary. Circulation, 2015, 132, S315-67.	1.6	634
62	Part 4: Advanced Life Support. Circulation, 2015, 132, S84-145.	1.6	560
63	Cancer mortality and published research output: Is there any relationship?. Journal of Clinical Oncology, 2015, 33, 6596-6596.	0.8	0
64	Drowning: an overlooked cause of out-of-hospital cardiac arrest in Canada. Canadian Journal of Emergency Medicine, 2014, 16, 314-321.	0.5	11
65	Targeted Temperature Management Processes and Outcomes After Out-of-Hospital Cardiac Arrest. Critical Care Medicine, 2014, 42, 2565-2574.	0.4	21
66	Mechanical versus manual chest compressions for cardiac arrest. The Cochrane Library, 2014, , CD007260.	1.5	68
67	The impact of peri-shock pause on survival from out-of-hospital shockable cardiac arrest during the Resuscitation Outcomes Consortium PRIMED trial. Resuscitation, 2014, 85, 336-342.	1.3	174
68	Are the 2010 guidelines on cardiopulmonary resuscitation lost in translation? A call for increased focus on implementation science. Resuscitation, 2013, 84, 422-425.	1.3	25
69	Bystander CPR: Location, location, location. Resuscitation, 2013, 84, 711-712.	1.3	6
70	Modeling the impact of public access defibrillator range on public location cardiac arrest coverage. Resuscitation, 2013, 84, 904-909.	1.3	46
71	Determining Risk for Out-of-Hospital Cardiac Arrest by Location Type in a Canadian Urban Setting to Guide Future Public Access Defibrillator Placement. Annals of Emergency Medicine, 2013, 61, 530-538.e2.	0.3	47
72	Identifying Locations for Public Access Defibrillators Using Mathematical Optimization. Circulation, 2013, 127, 1801-1809.	1.6	110

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73	Cardiopulmonary resuscitation and automatic external defibrillator training in schools: â€œIs anyone learning how to save a life?â€• Canadian Journal of Emergency Medicine, 2013, 15, 270-278.	0.5	26
74	Emergency Medical Service Dispatch Cardiopulmonary Resuscitation Prearrival Instructions to Improve Survival From Out-of-Hospital Cardiac Arrest. Circulation, 2012, 125, 648-655.	1.6	168
75	Devices Used in Cardiac Arrest. Emergency Medicine Clinics of North America, 2012, 30, 179-193.	0.5	4
76	Patient Safety in Emergency Medical Services: A Systematic Review of the Literature. Prehospital Emergency Care, 2012, 16, 20-35.	1.0	128
77	Novel biomarkers in diagnosing cardiac ischemia in the emergency department: A systematic review. Resuscitation, 2012, 83, 684-691.	1.3	37
78	Mechanical versus manual chest compressions for cardiac arrest. , 2011, , CD007260.		27
79	Development of a data dictionary for the Strategies for Post Arrest Resuscitation Care (SPARC) network for post cardiac arrest research. Resuscitation, 2011, 82, 419-422.	1.3	39
80	Ventricular Tachyarrhythmias after Cardiac Arrest in Public versus at Home. New England Journal of Medicine, 2011, 364, 313-321.	13.9	267
81	Socioeconomic status and incidence of sudden cardiac arrest. Cmaj, 2011, 183, 1705-1712.	0.9	90
82	Patient safety in emergency medical services: executive summary and recommendations from the Niagara Summit. Canadian Journal of Emergency Medicine, 2011, 13, 13-18.	0.5	43
83	How to give a consultation and how to get a consultation. Canadian Journal of Emergency Medicine, 2011, 13, 169-171.	0.5	4
84	Perceived barriers to therapeutic hypothermia for patients resuscitated from cardiac arrest: A qualitative study of emergency department and critical care workers*. Critical Care Medicine, 2010, 38, 504-509.	0.4	56
85	Predictors of adopting therapeutic hypothermia for post-cardiac arrest patients among Canadian emergency and critical care physicians. Resuscitation, 2010, 81, 20-24.	1.3	45
86	Out-of-hospital cardiac arrest frequency and survival: Evidence for temporal variability. Resuscitation, 2010, 81, 175-181.	1.3	91
87	Part 9: Acute coronary syndromes. Resuscitation, 2010, 81, e175-e212.	1.3	43
88	Part 7: CPR Techniques and Devices. Circulation, 2010, 122, S720-8.	1.6	207
89	Part 9: Acute Coronary Syndromes. Circulation, 2010, 122, S422-65.	1.6	93
90	Part 10: Acute Coronary Syndromes. Circulation, 2010, 122, S787-817.	1.6	224

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91	Out-of-hospital cardiac arrests occurring in southern Ontario health care clinics: bystander cardiopulmonary resuscitation and automated external defibrillator use. Canadian Family Physician, 2010, 56, e213-8.	0.1	6
92	Prehospital triage and direct transport of patients with ST-elevation myocardial infarction to primary percutaneous coronary intervention centres: a systematic review and meta-analysis. Canadian Journal of Emergency Medicine, 2009, 11, 481-492.	0.5	17
93	Implementation of therapeutic hypothermia guidelines for post-cardiac arrest syndrome at a glacial pace: Seeking guidance from the knowledge translation literature. Resuscitation, 2008, 77, 286-292.	1.3	60
94	Emergency Medical Services Management of ST-Elevation Myocardial Infarction. Prehospital Emergency Care, 2008, 12, 395-403.	1.0	12
95	Prehospital 12-lead Electrocardiography Impact on Acute Myocardial Infarction Treatment Times and Mortality: A Systematic Review. Academic Emergency Medicine, 2006, 13, 84-89.	0.8	68
96	Effect of adenosine on heart rate variability in humans. Clinical Science, 1999, 96, 597-604.	1.8	32
97	Effect of adenosine on heart rate variability in humans. Clinical Science, 1999, 96, 597.	1.8	9
98	Caffeine Abstinence Augments the Systolic Blood Pressure Response to Adenosine in Humans. American Journal of Cardiology, 1998, 81, 1382-1385.	0.7	22
99	Neural and Hypotensive Effects of Angiotensin II Receptor Blockade. Hypertension, 1998, 31, 378-383.	1.3	29