

# Steve Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

3,821  
citations

172207

29  
h-index

123241

61  
g-index

84  
all docs

84  
docs citations

84  
times ranked

4617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Part 4: Advanced Life Support. <i>Circulation</i> , 2015, 132, S84-145.	1.6	560
2	Chest Compression Rates and Survival Following Out-of-Hospital Cardiac Arrest*. <i>Critical Care Medicine</i> , 2015, 43, 840-848.	0.4	270
3	Part 4: Advanced life support. <i>Resuscitation</i> , 2015, 95, e71-e120.	1.3	234
4	The Cell-specific Expression of Endothelial Nitric-oxide Synthase. <i>Journal of Biological Chemistry</i> , 2004, 279, 35087-35100.	1.6	230
5	Part 4: Systems of Care and Continuous Quality Improvement. <i>Circulation</i> , 2015, 132, S397-413.	1.6	226
6	Optimizing a Drone Network to Deliver Automated External Defibrillators. <i>Circulation</i> , 2017, 135, 2454-2465.	1.6	196
7	The Expression of Endothelial Nitric-oxide Synthase Is Controlled by a Cell-specific Histone Code. <i>Journal of Biological Chemistry</i> , 2005, 280, 24824-24838.	1.6	195
8	Sudden Cardiac Arrest during Participation in Competitive Sports. <i>New England Journal of Medicine</i> , 2017, 377, 1943-1953.	13.9	143
9	Endotracheal intubation versus supraglottic airway insertion in out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2012, 83, 1061-1066.	1.3	140
10	Adrenaline for out-of-hospital cardiac arrest resuscitation: A systematic review and meta-analysis of randomized controlled trials. <i>Resuscitation</i> , 2014, 85, 732-740.	1.3	136
11	Part 9: Acute Coronary Syndromes. <i>Circulation</i> , 2010, 122, S422-65.	1.6	93
12	Improving Temporal Trends in Survival and Neurological Outcomes After Out-of-Hospital Cardiac Arrest. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e003561.	0.9	91
13	Revisiting the "Golden Hour": An Evaluation of Out-of-Hospital Time in Shock and Traumatic Brain Injury. <i>Annals of Emergency Medicine</i> , 2015, 66, 30-41.e3.	0.3	87
14	Survival rates in out-of-hospital cardiac arrest patients transported without prehospital return of spontaneous circulation: An observational cohort study. <i>Resuscitation</i> , 2014, 85, 1488-1493.	1.3	74
15	Association between hospital post-resuscitative performance and clinical outcomes after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2015, 92, 45-52.	1.3	70
16	First aid cooling techniques for heat stroke and exertional hyperthermia: A systematic review and meta-analysis. <i>Resuscitation</i> , 2020, 148, 173-190.	1.3	53
17	Out-of-hospital cardiac arrest in high-rise buildings: delays to patient care and effect on survival. <i>Cmaj</i> , 2016, 188, 413-419.	0.9	51
18	Intraosseous Vascular Access Is Associated With Lower Survival and Neurologic Recovery Among Patients With Out-of-Hospital Cardiac Arrest. <i>Annals of Emergency Medicine</i> , 2018, 71, 588-596.	0.3	50

#	ARTICLE	IF	CITATIONS
19	Transfusion of red blood cells in patients with a prehospital Glasgow Coma Scale score of 8 or less and no evidence of shock is associated with worse outcomes. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 8-14.	1.1	49
20	CPR quality during out-of-hospital cardiac arrest transport. <i>Resuscitation</i> , 2017, 114, 34-39.	1.3	49
21	Part 9: Acute coronary syndromes. <i>Resuscitation</i> , 2010, 81, e175-e212.	1.3	43
22	The effect of time to defibrillation and targeted temperature management on functional survival after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2014, 85, 1623-1628.	1.3	41
23	Association of advanced airway device with chest compression fraction during out-of-hospital cardiopulmonary arrest. <i>Resuscitation</i> , 2016, 98, 35-40.	1.3	41
24	Development of a data dictionary for the Strategies for Post Arrest Resuscitation Care (SPARC) network for post cardiac arrest research. <i>Resuscitation</i> , 2011, 82, 419-422.	1.3	39
25	Novel biomarkers in diagnosing cardiac ischemia in the emergency department: A systematic review. <i>Resuscitation</i> , 2012, 83, 684-691.	1.3	37
26	2020 International Consensus on First Aid Science With Treatment Recommendations. <i>Circulation</i> , 2020, 142, S284-S334.	1.6	35
27	Does transport time of out-of-hospital cardiac arrest patients matter? A systematic review and meta-analysis. <i>Resuscitation</i> , 2017, 115, 96-101.	1.3	34
28	Long-term clinical outcomes and predictors for survivors of out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017, 112, 59-64.	1.3	33
29	Unexpected High Prevalence of Cardiovascular Disease Risk Factors and Psychiatric Disease Among Young People With Sudden Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2019, 8, e010330.	1.6	30
30	Association of out-of-hospital advanced airway management with outcomes after traumatic brain injury and hemorrhagic shock in the ROC hypertonic saline trial. <i>Emergency Medicine Journal</i> , 2014, 31, 186-191.	0.4	26
31	2020 International Consensus on First Aid Science With Treatment Recommendations. <i>Resuscitation</i> , 2020, 156, A240-A282.	1.3	26
32	Ranking Businesses and Municipal Locations by Spatiotemporal Cardiac Arrest Risk to Guide Public Defibrillator Placement. <i>Circulation</i> , 2017, 135, 1104-1119.	1.6	25
33	Study of the Effects of Epinephrine on Cerebral Oxygenation and Metabolism During Cardiac Arrest and Resuscitation by Hyperspectral Near-Infrared Spectroscopy. <i>Critical Care Medicine</i> , 2019, 47, e349-e357.	0.4	23
34	Targeted Temperature Management Processes and Outcomes After Out-of-Hospital Cardiac Arrest. <i>Critical Care Medicine</i> , 2014, 42, 2565-2574.	0.4	21
35	Association Between Early Intravenous Fluids Provided by Paramedics and Subsequent In-Hospital Mortality Among Patients With Sepsis. <i>JAMA Network Open</i> , 2018, 1, e185845.	2.8	21
36	Assessing Severity of Illness in Patients Transported to Hospital by Paramedics: External Validation of 3 Prognostic Scores. <i>Prehospital Emergency Care</i> , 2020, 24, 273-281.	1.0	21

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37	Epinephrine for Out-of-Hospital Cardiac Arrest: An Updated Systematic Review and Meta-Analysis*. Critical Care Medicine, 2020, 48, 225-229.	0.4	21
38	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
39	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
40	Screening strategies to identify sepsis in the prehospital setting: a validation study. Cmaj, 2020, 192, E230-E239.	0.9	17
41	Temporal trends in sudden cardiac death in Ontario, Canada. Resuscitation, 2019, 136, 1-7.	1.3	16
42	Cerebral Hemodynamics and Metabolism During Cardiac Arrest and Cardiopulmonary Resuscitation Using Hyperspectral Near Infrared Spectroscopy. Circulation Journal, 2017, 81, 879-887.	0.7	15
43	Traumatic brain injuries in mixed martial arts: A systematic review. Trauma, 2018, 20, 245-254.	0.2	15
44	Cardiopulmonary resuscitation quality and beyond: the need to improve real-time feedback and physiologic monitoring. Critical Care, 2016, 20, 182.	2.5	14
45	Health care utilization prior to out-of-hospital cardiac arrest: A population-based study. Resuscitation, 2019, 141, 158-165.	1.3	14
46	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
47	“Presumed cardiac” arrest in children and young adults: A misnomer?. Resuscitation, 2017, 117, 73-79.	1.3	12
48	The Association of the Average Epinephrine Dosing Interval and Survival With Favorable Neurologic Status at Hospital Discharge in Out-of-Hospital Cardiac Arrest. Annals of Emergency Medicine, 2019, 74, 797-806.	0.3	12
49	Predictive value of hospital discharge neurological outcome scores for long-term neurological status following out-of-hospital cardiac arrest: A systematic review. Resuscitation, 2020, 151, 139-144.	1.3	12
50	Healthcare costs and resource utilization associated with treatment of out-of-hospital cardiac arrest. Resuscitation, 2020, 153, 234-242.	1.3	12
51	Drowning: an overlooked cause of out-of-hospital cardiac arrest in Canada. Canadian Journal of Emergency Medicine, 2014, 16, 314-321.	0.5	11
52	Increased cardiac arrest survival and bystander intervention in enclosed pedestrian walkway systems. Resuscitation, 2017, 118, 1-7.	1.3	10
53	Effect of Time to Treatment With Antiarrhythmic Drugs on Return of Spontaneous Circulation in Shock-Resfractory Out-of-Hospital Cardiac Arrest. Journal of the American Heart Association, 2022, 11, e023958.	1.6	10
54	Classification versus Prediction of Mortality Risk using the SIRS and qSOFA Scores in Patients with Infection Transported by Paramedics. Prehospital Emergency Care, 2020, 24, 282-289.	1.0	9

#	ARTICLE	IF	CITATIONS
55	Epidemiology and patient predictors of infection and sepsis in the prehospital setting. Intensive Care Medicine, 2020, 46, 1394-1403.	3.9	9
56	Hyperspectral near-infrared spectroscopy assessment of the brain during hypoperfusion. Journal of Biomedical Optics, 2019, 24, 1.	1.4	9
57	Responding to Cardiac Arrest in the Community in the Digital Age. Canadian Journal of Cardiology, 2022, 38, 491-501.	0.8	7
58	Implantable Cardioverter Defibrillator Implantation Rates After Out of Hospital Cardiac Arrest: Are the Rates Guideline-Concordant?. Canadian Journal of Cardiology, 2017, 33, 1266-1273.	0.8	6
59	Use of Near-Infrared Spectroscopy by Paramedics During Out-of-Hospital Cardiac Arrest: A Feasibility Study. CJC Open, 2019, 1, 256-260.	0.7	6
60	Mandating Training Is Not Enough: The State of Cardiopulmonary Resuscitation and Automated External Defibrillator Training in Ontario Schools. CJC Open, 2021, 3, 822-826.	0.7	6
61	Developing a Pan-Canadian Registry of Sudden Cardiac Arrest: Challenges and Opportunities. CJC Open, 2019, 1, 53-61.	0.7	5
62	High risk neighbourhoods: The effect of neighbourhood level factors on cardiac arrest incidence. Resuscitation, 2020, 149, 100-108.	1.3	5
63	Measurement of Adult Human Brain Responses to Breath-Holding by Multi-Distance Hyperspectral Near-Infrared Spectroscopy. Applied Sciences (Switzerland), 2022, 12, 371.	1.3	4
64	Determining witnessed status for out-of-hospital cardiac arrest. Resuscitation, 2016, 109, 133-137.	1.3	3
65	Strategy to Identify Paramedic Transported Sepsis Cases in an Emergency Department Administrative Database. Prehospital Emergency Care, 2020, 24, 23-31.	1.0	3
66	Establishing a multicenter, preclinical consortium in resuscitation: A pilot experimental trial evaluating epinephrine in cardiac arrest. Resuscitation, 2022, 175, 57-63.	1.3	3
67	Challenges in a large mixed drug overdose patient: Table 1. BMJ Case Reports, 2016, 2016, bcr2016215554.	0.2	2
68	A new paradigm of resuscitation: Perfusion-guided cardiopulmonary resuscitation. Resuscitation, 2019, 135, 230-231.	1.3	2
69	Automated Data Abstraction of Cardiopulmonary Resuscitation Process Measures for Complete Episodes of Cardiac Arrest Resuscitation. Academic Emergency Medicine, 2016, 23, 1178-1181.	0.8	1
70	#Epi: There is no place for the use of intravenous epinephrine as a standard component of cardiac arrest resuscitation care. Canadian Journal of Emergency Medicine, 2019, 21, 324-329.	0.5	1
71	Improving Resuscitation Rates After Out-of-Hospital Cardiac Arrest. Circulation, 2019, 139, 1272-1274.	1.6	1
72	The drugs don't matter: Cardiovascular drugs have minimal effects on amplitude spectral area during ventricular fibrillation. Resuscitation, 2020, 151, 205-207.	1.3	1

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73	The need to review knowledge gaps on sudden cardiac death in Canadian Indigenous populations. Canadian Journal of Emergency Medicine, 2020, 22, E1.	0.5	1
74	Reply to Letter: Adrenaline in out-of hospital cardiac arrest. Resuscitation, 2014, 85, e179-e180.	1.3	0
75	Reply to alternative effects of transportation time in out-of-hospital cardiac arrests. Resuscitation, 2017, 117, e7.	1.3	0
76	Reply to: Performing cardiopulmonary resuscitation during ambulance transport: Safety and efficacy. Resuscitation, 2017, 116, e17.	1.3	0
77	Interpreting observational data on adrenaline in cardiac arrest is complicated. Resuscitation, 2019, 138, 314-315.	1.3	0
78	Resuscitation care bundles: The need to optimize individual care elements. Resuscitation, 2020, 146, 261-262.	1.3	0
79	Monitoring cerebral oxygenation and metabolism during cardiac arrest and CPR using hyperspectral NIRS. , 2016, , .		0
80	Near Infrared Spectroscopy (NIRS) Reveals the Effect Epinephrine on Cerebral Oxygen Delivery and Metabolism During Cardiac Arrest. , 2018, , .		0
81	Hyperspectral near infrared spectroscopy assessment of the brain during hypoperfusion. , 2018, , .		0
82	The relative importance of clinical factors in initiating interfacility transfer of major trauma patients: A discrete choice experiment. Trauma, 0, , 146040862110317.	0.2	0