

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	Effect of Time to Treatment With Antiarrhythmic Drugs on Return of Spontaneous Circulation in Shockâ€Refractory Outâ€ofâ€Hospital Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2022, 11, e023958.	1.6	10
2	Responding to Cardiac Arrest in the Community in the Digital Age. <i>Canadian Journal of Cardiology</i> , 2022, 38, 491-501.	0.8	7
3	Measurement of Adult Human Brain Responses to Breath-Holding by Multi-Distance Hyperspectral Near-Infrared Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 371.	1.3	4
4	Establishing a multicenter, preclinical consortium in resuscitation: A pilot experimental trial evaluating epinephrine in cardiac arrest. <i>Resuscitation</i> , 2022, 175, 57-63.	1.3	3
5	Mandating Training Is Not Enough: The State of Cardiopulmonaryâ€Resuscitationâ€and Automated External Defibrillator Training in Ontario Schools. <i>CJC Open</i> , 2021, 3, 822-826.	0.7	6
6	Moderating effects of out-of-hospital cardiac arrest characteristics on the association between EMS response time and survival. <i>Resuscitation</i> , 2021, 169, 31-38.	1.3	14
7	Classification versus Prediction of Mortality Risk using the SIRS and qSOFA Scores in Patients with Infection Transported by Paramedics. <i>Prehospital Emergency Care</i> , 2020, 24, 282-289.	1.0	9
8	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
9	Strategy to Identify Paramedic Transported Sepsis Cases in an Emergency Department Administrative Database. <i>Prehospital Emergency Care</i> , 2020, 24, 23-31.	1.0	3
10	Resuscitation care bundles: The need to optimize individual care elements. <i>Resuscitation</i> , 2020, 146, 261-262.	1.3	0
11	Epinephrine for Out-of-Hospital Cardiac Arrest: An Updated Systematic Review and Meta-Analysis*. <i>Critical Care Medicine</i> , 2020, 48, 225-229.	0.4	21
12	2020 International Consensus on First Aid Science With Treatment Recommendations. <i>Circulation</i> , 2020, 142, S284-S334.	1.6	35
13	2020 International Consensus on First Aid Science With Treatment Recommendations. <i>Resuscitation</i> , 2020, 156, A240-A282.	1.3	26
14	The drugs donâ€™t matter: Cardiovascular drugs have minimal effects on amplitude spectral area during ventricular fibrillation. <i>Resuscitation</i> , 2020, 151, 205-207.	1.3	1
15	Epidemiology and patient predictors of infection and sepsis in the prehospital setting. <i>Intensive Care Medicine</i> , 2020, 46, 1394-1403.	3.9	9
16	Screening strategies to identify sepsis in the prehospital setting: a validation study. <i>Cmaj</i> , 2020, 192, E230-E239.	0.9	17
17	High risk neighbourhoods: The effect of neighbourhood level factors on cardiac arrest incidence. <i>Resuscitation</i> , 2020, 149, 100-108.	1.3	5
18	The need to review knowledge gaps on sudden cardiac death in Canadian Indigenous populations. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, E1.	0.5	1

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19	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
20	Predictive value of hospital discharge neurological outcome scores for long-term neurological status following out-of-hospital cardiac arrest: A systematic review. <i>Resuscitation</i> , 2020, 151, 139-144.	1.3	12
21	Healthcare costs and resource utilization associated with treatment of out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2020, 153, 234-242.	1.3	12
22	Use of Near-Infrared Spectroscopy by Paramedics During Out-of-Hospital Cardiac Arrest: A Feasibility Study. <i>CJC Open</i> , 2019, 1, 256-260.	0.7	6
23	Temporal trends in sudden cardiac death in Ontario, Canada. <i>Resuscitation</i> , 2019, 136, 1-7.	1.3	16
24	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
25	#Epi: There is no place for the use of intravenous epinephrine as a standard component of cardiac arrest resuscitation care. <i>Canadian Journal of Emergency Medicine</i> , 2019, 21, 324-329.	0.5	1
26	The Association of the Average Epinephrine Dosing Interval and Survival With Favorable Neurologic Status at Hospital Discharge in Out-of-Hospital Cardiac Arrest. <i>Annals of Emergency Medicine</i> , 2019, 74, 797-806.	0.3	12
27	Developing a Pan-Canadian Registry of Sudden Cardiac Arrest: Challenges and Opportunities. <i>CJC Open</i> , 2019, 1, 53-61.	0.7	5
28	Health care utilization prior to out-of-hospital cardiac arrest: A population-based study. <i>Resuscitation</i> , 2019, 141, 158-165.	1.3	14
29	Interpreting observational data on adrenaline in cardiac arrest is complicated. <i>Resuscitation</i> , 2019, 138, 314-315.	1.3	0
30	Improving Resuscitation Rates After Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2019, 139, 1272-1274.	1.6	1
31	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
32	A new paradigm of resuscitation: Perfusion-guided cardiopulmonary resuscitation. <i>Resuscitation</i> , 2019, 135, 230-231.	1.3	2
33	Hyperspectral near-infrared spectroscopy assessment of the brain during hypoperfusion. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	9
34	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
35	Traumatic brain injuries in mixed martial arts: A systematic review. <i>Trauma</i> , 2018, 20, 245-254.	0.2	15
36	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

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37	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
38	Incidence, outcomes and guideline compliance of out-of-hospital maternal cardiac arrest resuscitations: A population-based cohort study. <i>Resuscitation</i> , 2018, 132, 127-132.	1.3	20
39	Near Infrared Spectroscopy (NIRS) Reveals the Effect Epinephrine on Cerebral Oxygen Delivery and Metabolism During Cardiac Arrest. , 2018, , .		0
40	Hyperspectral near infrared spectroscopy assessment of the brain during hypoperfusion. , 2018, , .		0
41	Long-term clinical outcomes and predictors for survivors of out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017, 112, 59-64.	1.3	33
42	CPR quality during out-of-hospital cardiac arrest transport. <i>Resuscitation</i> , 2017, 114, 34-39.	1.3	49
43	Optimizing a Drone Network to Deliver Automated External Defibrillators. <i>Circulation</i> , 2017, 135, 2454-2465.	1.6	196
44	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
45	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
46	Implantable Cardioverter Defibrillator Implantation Rates After Out of Hospital Cardiac Arrest: Are the Rates Guideline-Concordant?. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1266-1273.	0.8	6
47	“Presumed cardiac” arrest in children and young adults: A misnomer?. <i>Resuscitation</i> , 2017, 117, 73-79.	1.3	12
48	Reply to alternative effects of transportation time in out-of-hospital cardiac arrests. <i>Resuscitation</i> , 2017, 117, e7.	1.3	0
49	Reply to: Performing cardiopulmonary resuscitation during ambulance transport: Safety and efficacy. <i>Resuscitation</i> , 2017, 116, e17.	1.3	0
50	Sudden Cardiac Arrest during Participation in Competitive Sports. <i>New England Journal of Medicine</i> , 2017, 377, 1943-1953.	13.9	143
51	Increased cardiac arrest survival and bystander intervention in enclosed pedestrian walkway systems. <i>Resuscitation</i> , 2017, 118, 1-7.	1.3	10
52	The impact of hospital experience with out-of-hospital cardiac arrest patients on post cardiac arrest care. <i>Resuscitation</i> , 2017, 110, 169-175.	1.3	19
53	Cerebral Hemodynamics and Metabolism During Cardiac Arrest and Cardiopulmonary Resuscitation Using Hyperspectral Near Infrared Spectroscopy. <i>Circulation Journal</i> , 2017, 81, 879-887.	0.7	15
54	Challenges in a large mixed drug overdose patient: Table 1. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016215554.	0.2	2

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55	Automated Data Abstraction of Cardiopulmonary Resuscitation Process Measures for Complete Episodes of Cardiac Arrest Resuscitation. <i>Academic Emergency Medicine</i> , 2016, 23, 1178-1181.	0.8	1
56	Determining witnessed status for out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2016, 109, 133-137.	1.3	3
57	Cardiopulmonary resuscitation quality and beyond: the need to improve real-time feedback and physiologic monitoring. <i>Critical Care</i> , 2016, 20, 182.	2.5	14
58	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
59	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
60	Monitoring cerebral oxygenation and metabolism during cardiac arrest and CPR using hyperspectral NIRS. , 2016, , .		0
61	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
62	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
63	Chest Compression Rates and Survival Following Out-of-Hospital Cardiac Arrest*. <i>Critical Care Medicine</i> , 2015, 43, 840-848.	0.4	270
64	Part 4: Advanced life support. <i>Resuscitation</i> , 2015, 95, e71-e120.	1.3	234
65	Part 4: Systems of Care and Continuous Quality Improvement. <i>Circulation</i> , 2015, 132, S397-413.	1.6	226
66	Part 4: Advanced Life Support. <i>Circulation</i> , 2015, 132, S84-145.	1.6	560
67	Drowning: an overlooked cause of out-of-hospital cardiac arrest in Canada. <i>Canadian Journal of Emergency Medicine</i> , 2014, 16, 314-321.	0.5	11
68	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
69	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
70	Targeted Temperature Management Processes and Outcomes After Out-of-Hospital Cardiac Arrest. <i>Critical Care Medicine</i> , 2014, 42, 2565-2574.	0.4	21
71	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
72	Reply to Letter: Adrenaline in out-of hospital cardiac arrest. <i>Resuscitation</i> , 2014, 85, e179-e180.	1.3	0

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73	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
74	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
75	Endotracheal intubation versus supraglottic airway insertion in out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2012, 83, 1061-1066.	1.3	140
76	Novel biomarkers in diagnosing cardiac ischemia in the emergency department: A systematic review. <i>Resuscitation</i> , 2012, 83, 684-691.	1.3	37
77	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
78	Part 9: Acute coronary syndromes. <i>Resuscitation</i> , 2010, 81, e175-e212.	1.3	43
79	Part 9: Acute Coronary Syndromes. <i>Circulation</i> , 2010, 122, S422-65.	1.6	93
80	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
81	The Cell-specific Expression of Endothelial Nitric-oxide Synthase. <i>Journal of Biological Chemistry</i> , 2004, 279, 35087-35100.	1.6	230
82	The relative importance of clinical factors in initiating interfacility transfer of major trauma patients: A discrete choice experiment. <i>Trauma</i> , 0, , 146040862110317.	0.2	0