Jonathan Elmer

List of Publications by Citations

86 papers	1,570 citations	23 h-index	37 g-index
118 ext. papers	2,244 ext. citations	4 avg, IF	4.88 L-index

#	Paper	IF	Citations
86	Association of early withdrawal of life-sustaining therapy for perceived neurological prognosis with mortality after cardiac arrest. *Resuscitation*, **2016**, 102, 127-35	4	165
85	The association between hyperoxia and patient outcomes after cardiac arrest: analysis of a high-resolution database. *Intensive Care Medicine*, **2015**, 41, 49-57	14.5	116
84	Clinically distinct electroencephalographic phenotypes of early myoclonus after cardiac arrest. *Annals of Neurology*, **2016**, 80, 175-84	9.4	99
83	Validation of the Pittsburgh Cardiac Arrest Category illness severity score. *Resuscitation*, **2015**, 89, 86-92	4	82
82	Long-term survival benefit from treatment at a specialty center after cardiac arrest. *Resuscitation*, **2016**, 108, 48-53	4	72
81	Association between hospital post-resuscitative performance and clinical outcomes after out-of-hospital cardiac arrest. *Resuscitation*, **2015**, 92, 45-52	4	58
80	Arrest etiology among patients resuscitated from cardiac arrest. *Resuscitation*, **2018**, 130, 33-40	4	56
79	Acute respiratory distress syndrome after spontaneous intracerebral hemorrhage*. *Critical Care Medicine*, **2013**, 41, 1992-2001	1.4	54
78	The Brain after Cardiac Arrest. *Seminars in Neurology*, **2017**, 37, 19-24	3.2	41
77	Post-resuscitation arterial oxygen and carbon dioxide and outcomes after out-of-hospital cardiac arrest. *Resuscitation*, **2017**, 120, 113-118	4	40
76	Association of Intra-arrest Transport vs Continued On-Scene Resuscitation With Survival to Hospital Discharge Among Patients With Out-of-Hospital Cardiac Arrest. *JAMA - Journal of the American Medical Association*, **2020**, 324, 1058-1067	27.4	40
75	Variation in Survival After Out-of-Hospital Cardiac Arrest Between Emergency Medical Services Agencies. *JAMA Cardiology*, **2018**, 3, 989-999	16.2	35
74	Prevalence, natural history, and time-dependent outcomes of a multi-center North American cohort of out-of-hospital cardiac arrest extracorporeal CPR candidates. *Resuscitation*, **2017**, 117, 24-31	4	34
73	Intracranial Pressure Trajectories: A Novel Approach to Informing Severe Traumatic Brain Injury Phenotypes. *Critical Care Medicine*, **2018**, 46, 1792-1802	1.4	34
72	Hemoglobin-based oxygen carriers for hemorrhagic shock. *Resuscitation*, **2012**, 83, 285-92	4	31
71	Long-Term Outcomes of Out-of-Hospital Cardiac Arrest Care at Regionalized Centers. *Annals of Emergency Medicine*, **2019**, 73, 29-39	2.1	30
70	Phenotyping Cardiac Arrest: Bench and Bedside Characterization of Brain and Heart Injury Based on Etiology. *Critical Care Medicine*, **2018**, 46, e508-e515	1.4	27

69	Group-Based Trajectory Modeling of Suppression Ratio After Cardiac Arrest. *Neurocritical Care*, **2016**, 25, 415-423	3.3	27
68	Dexmedetomidine Reduces Shivering during Mild Hypothermia in Waking Subjects. *PLoS ONE*, **2015**, 10, e0129709	3.7	26
67	Reintubation in critically ill patients: procedural complications and implications for care. *Critical Care*, **2015**, 19, 12	10.8	25
66	EMS responses and non-transports during the COVID-19 pandemic. *American Journal of Emergency Medicine*, **2021**, 42, 1-8	2.9	25
65	Prognostication after cardiac arrest: Results of an international, multi-professional survey. *Resuscitation*, **2019**, 138, 190-197	4	23
64	Effect of sedation on quantitative electroencephalography after cardiac arrest. *Resuscitation*, **2018**, 124, 132-137	4	23
63	Recreational drug overdose-related cardiac arrests: break on through to the other side. *Resuscitation*, **2015**, 89, 177-81	4	21
62	Serum Neutrophil Gelatinase-Associated Lipocalin Predicts Survival After Resuscitation From Cardiac Arrest. *Critical Care Medicine*, **2016**, 44, 111-9	1.4	21
61	Indirect effects of COVID-19 on OHCA in a low prevalence region. *Resuscitation*, **2020**, 156, 282-283	4	20
60	Billing diagnoses do not accurately identify out-of-hospital cardiac arrest patients: An analysis of a regional healthcare system. *Resuscitation*, **2016**, 98, 9-14	4	19
59	Prolonged emergency department length of stay is not associated with worse outcomes in patients with intracerebral hemorrhage. *Neurocritical Care*, **2012**, 17, 334-42	3.3	19
58	Exposure to high concentrations of inspired oxygen does not worsen lung injury after cardiac arrest. *Critical Care*, **2015**, 19, 105	10.8	18
57	Concordance of Brain and Core Temperature in Comatose Patients After Cardiac Arrest. *Therapeutic Hypothermia and Temperature Management*, **2016**, 6, 194-197	1.3	18
56	Association of antiepileptic drugs with resolution of epileptiform activity after cardiac arrest. *Resuscitation*, **2019**, 142, 82-90	4	18
55	Differences in Prehospital Patient Assessments for Pediatric Versus Adult Patients. *Journal of Pediatrics*, **2018**, 199, 200-205.e6	3.6	18
54	Association of Initial Illness Severity and Outcomes After Cardiac Arrest With Targeted Temperature Management at 36 °C or 33 °C. *JAMA Network Open*, **2020**, 3, e208215	10.4	17
53	Paths to Successful Translation of New Therapies for Severe Traumatic Brain Injury in the Golden Age of Traumatic Brain Injury Research: A Pittsburgh Vision. *Journal of Neurotrauma*, **2020**, 37, 2353-2371	5.4	15
52	Sensitivity of Continuous Electroencephalography to Detect Ictal Activity After Cardiac Arrest. *JAMA Network Open*, **2020**, 3, e203751	10.4	12

51	An Evidence-Based Approach for Integrating Bedside Ultrasound Into Routine Practice in the Assessment of Undifferentiated Shock. *ICU Director*, **2010**, 1, 163-174		12
50	Using the Beta distribution in group-based trajectory models. *BMC Medical Research Methodology*, **2018**, 18, 152	4.7	11
49	Effect of neuromonitor-guided titrated care on brain tissue hypoxia after opioid overdose cardiac arrest. *Resuscitation*, **2018**, 129, 121-126	4	10
48	Duration and clinical features of cardiac arrest predict early severe cerebral edema. *Resuscitation*, **2020**, 153, 111-118	4	8
47	Emergency Neurological Life Support: Resuscitation Following Cardiac Arrest. *Neurocritical Care*, **2017**, 27, 134-143	3.3	8
46	Markers of cardiogenic shock predict persistent acute kidney injury after out of hospital cardiac arrest. *Heart and Lung: Journal of Acute and Critical Care*, **2019**, 48, 126-130	2.6	8
45	Association of antiplatelet therapy with patient outcomes after out-of-hospital cardiac arrest. *Resuscitation*, **2017**, 121, 98-103	4	7
44	Differential association of subtypes of epileptiform activity with outcome after cardiac arrest. *Resuscitation*, **2019**, 136, 138-145	4	7
43	A novel methodological framework for multimodality, trajectory model-based prognostication. *Resuscitation*, **2019**, 137, 197-204	4	7
42	Challenges in the development and implementation of a healthcare system based extracorporeal cardiopulmonary resuscitation (ECPR) program for the treatment of out of hospital cardiac arrest. *Resuscitation*, **2020**, 148, 259-265	4	7
41	Evoked potentials improve multimodal prognostication after cardiac arrest. *Resuscitation*, **2019**, 139, 92-98	4	6
40	Comparison of parametric and nonparametric methods for outcome prediction using longitudinal data after cardiac arrest. *Resuscitation*, **2020**, 148, 152-160	4	6
39	Demographic, social, economic and geographic factors associated with long-term outcomes in a cohort of cardiac arrest survivors. *Resuscitation*, **2018**, 128, 31-36	4	6
38	Variability of Post-Cardiac Arrest Care Practices Among Cardiac Arrest Centers: United States and South Korean Dual Network Survey of Emergency Physician Research Principal Investigators. *Therapeutic Hypothermia and Temperature Management*, **2017**, 7, 30-35	1.3	6
37	Unsupervised learning of early post-arrest brain injury phenotypes. *Resuscitation*, **2020**, 153, 154-160	4	6
36	Trajectories of prescription opioids filled over time. *PLoS ONE*, **2019**, 14, e0222677	3.7	6
35	Opioid-Associated Out-of-Hospital Cardiac Arrest: Distinctive Clinical Features and Implications for Health Care and Public Responses: A Scientific Statement From the American Heart Association. *Circulation*, **2021**, 143, e836-e870	16.7	5
34	Selection bias, interventions and outcomes for survivors of cardiac arrest. *Heart*, **2018**, 104, 1356-1361	5.1	4

33	Variability of extracorporeal cardiopulmonary resuscitation utilization for refractory adult out-of-hospital cardiac arrest: an international survey study. *Clinical and Experimental Emergency Medicine*, **2018**, 5, 100-106	1.7	4
32	Preliminary experience with point-of-care EEG in post-cardiac arrest patients. *Resuscitation*, **2019**, 135, 98-102	4	4
31	Are providers overconfident in predicting outcome after cardiac arrest?. *Resuscitation*, **2020**, 153, 97-104	4	3
30	Intra-Arrest Administration of Cyclosporine and Methylprednisolone Does Not Reduce Postarrest Myocardial Dysfunction. *BioMed Research International*, **2019**, 2019, 6539050	3	3
29	Cost and Utility of Microbiological Cultures Early After Intensive Care Unit Admission for Intracerebral Hemorrhage. *Neurocritical Care*, **2017**, 26, 58-63	3.3	3
28	Multimodal Long-Term Predictors of Outcome in Out of Hospital Cardiac Arrest Patients Treated with Targeted Temperature Management at 36 ℃. *Journal of Clinical Medicine*, **2021**, 10,	5.1	3
27	Frequency of Withdrawal of Life-Sustaining Therapy for Perceived Poor Neurologic Prognosis **2021**, 3, e0487		3
26	Neurostimulant use is associated with improved survival in comatose patients after cardiac arrest regardless of electroencephalographic substrate. *Resuscitation*, **2018**, 123, 38-42	4	2
25	Combining Transcranial Doppler and EEG Data to Predict Delayed Cerebral Ischemia After Subarachnoid Hemorrhage. *Neurology*, **2021**,	6.5	2
24	Data-driven classification of arrest location for emergency department cardiac arrests. *Resuscitation*, **2020**, 154, 26-30	4	2
23	Pain Trajectories Following Subarachnoid Hemorrhage are Associated with Continued Opioid Use at Outpatient Follow-up. *Neurocritical Care*, **2021**, 1	3.3	2
22	SmartPrognosis: Automatic ensemble classification for quantitative EEG analysis in patients resuscitated from cardiac arrest. *Knowledge-Based Systems*, **2021**, 212, 106579	7.3	2
21	Predicting neurological recovery with Canonical Autocorrelation Embeddings. *PLoS ONE*, **2019**, 14, e0210966	3.7	1
20	Organ donation after resuscitation from cardiac arrest. *Resuscitation*, **2019**, 145, 63-69	4	1
19	Rate of intra-arrest epinephrine administration and early post-arrest organ failure after in-hospital cardiac arrest. *Resuscitation*, **2020**, 156, 15-18	4	1
18	Early risk stratification after resuscitation from cardiac arrest. *Journal of the American College of Emergency Physicians Open*, **2020**, 1, 922-931	1.6	1
17	Postarrest Interventions that Save Lives. *Emergency Medicine Clinics of North America*, **2020**, 38, 771-782	1.9	1
16	Recovery among post-arrest patients with mild-to-moderate cerebral edema. *Resuscitation*, **2021**, 162, 149-153	4	1

15	Reliability of the Telemedicine Examination in the Neurologic Diagnosis of Death. *Neurology: Clinical Practice*, **2021**, 11, 13-17	1.7	1
14	Neuro-anatomical localization of EEG identical bursts in patients with and without post-anoxic myoclonus. *Resuscitation*, **2021**, 162, 314-319	4	1
13	Between-hospital variability in organ donation after resuscitation from out-of-hospital cardiac arrest. *Resuscitation*, **2021**, 167, 372-379	4	1
12	Comparing demographics of organ donor referrals from the intensive care unit and outside units. *Transplant International*, **2021**, 34, 2146-2153	3	1
11	Time to specialty care and mortality after cardiac arrest. *American Journal of Emergency Medicine*, **2021**, 50, 618-624	2.9	1
10	Awakening from post anoxic coma with burst suppression with identical bursts. *Resuscitation Plus*, **2021**, 7, 100151	1.4	0
9	Mindfulness is inversely associated with psychological symptoms in long-term cardiac arrest survivors.. *Journal of Behavioral Medicine*, **2022**, 1	3.6	0
8	Precision Care in Cardiac Arrest: ICECAP (PRECICECAP) Study Protocol and Informatics Approach.. *Neurocritical Care*, **2022**, 1	3.3	0
7	The Experiences and Needs of Families of Comatose Patients After Cardiac Arrest and Severe Neurotrauma: The Perspectives of National Key Stakeholders During a National Institutes of Health-Funded Workshop. **2022**, 4, e0648		0
6	Metformin protects against cardiac and renal damage in diabetic cardiac arrest patients.. *Resuscitation*, **2022**, 174, 42-46	4	0
5	Sex differences in post cardiac arrest discharge locations.. *Resuscitation Plus*, **2021**, 8, 100185	1.4	0
4	Reply. *Annals of Neurology*, **2017**, 81, 476-477	9.4	
3	Reply to: "Cerebral resuscitation: Shifting away from the basics" (Letter to editor on post-resuscitation arterial oxygen and carbon dioxide and outcomes after out-of-hospital cardiac arrest). *Resuscitation*, **2017**, 121, e13	4	
2	BrainFlux: An Integrated Data Warehousing Infrastructure for Dynamic Health Data. *Communications in Computer and Information Science*, **2019**, 135-143	0.3	
1	Impact of benzodiazepines on time to awakening in post cardiac arrest patients. *Resuscitation*, **2021**, 165, 45-49	4	