

Jonathan Elmer

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.

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	Mindfulness is inversely associated with psychological symptoms in long-term cardiac arrest survivors.. <i>Journal of Behavioral Medicine</i> , 2022 , 1	3.6	0
85	Precision Care in Cardiac Arrest: ICECAP (PRECICECAP) Study Protocol and Informatics Approach.. <i>Neurocritical Care</i> , 2022 , 1	3.3	0
84	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
83	Metformin protects against cardiac and renal damage in diabetic cardiac arrest patients.. <i>Resuscitation</i> , 2022 , 174, 42-46	4	0
82	Combining Transcranial Doppler and EEG Data to Predict Delayed Cerebral Ischemia After Subarachnoid Hemorrhage. <i>Neurology</i> , 2021 ,	6.5	2
81	Multimodal Long-Term Predictors of Outcome in Out of Hospital Cardiac Arrest Patients Treated with Targeted Temperature Management at 36 °C. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
80	EMS responses and non-transport during the COVID-19 pandemic. <i>American Journal of Emergency Medicine</i> , 2021 , 42, 1-8	2.9	25
79	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. <i>Circulation</i> , 2021 , 143, e836-e870	16.7	5
78	Recovery among post-arrest patients with mild-to-moderate cerebral edema. <i>Resuscitation</i> , 2021 , 162, 149-153	4	1
77	Pain Trajectories Following Subarachnoid Hemorrhage are Associated with Continued Opioid Use at Outpatient Follow-up. <i>Neurocritical Care</i> , 2021 , 1	3.3	2
76	Frequency of Withdrawal of Life-Sustaining Therapy for Perceived Poor Neurologic Prognosis 2021 , 3, e0487		3
75	Reliability of the Telemedicine Examination in the Neurologic Diagnosis of Death. <i>Neurology: Clinical Practice</i> , 2021 , 11, 13-17	1.7	1
74	SmartPrognosis: Automatic ensemble classification for quantitative EEG analysis in patients resuscitated from cardiac arrest. <i>Knowledge-Based Systems</i> , 2021 , 212, 106579	7.3	2
73	Neuro-anatomical localization of EEG identical bursts in patients with and without post-anoxic myoclonus. <i>Resuscitation</i> , 2021 , 162, 314-319	4	1
72	Between-hospital variability in organ donation after resuscitation from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 167, 372-379	4	1
71	Impact of benzodiazepines on time to awakening in post cardiac arrest patients. <i>Resuscitation</i> , 2021 , 165, 45-49	4	
70	Comparing demographics of organ donor referrals from the intensive care unit and outside units. <i>Transplant International</i> , 2021 , 34, 2146-2153	3	1

69	Awakening from post anoxic coma with burst suppression with identical bursts. <i>Resuscitation Plus</i> , 2021 , 7, 100151	1.4	0
68	Time to specialty care and mortality after cardiac arrest. <i>American Journal of Emergency Medicine</i> , 2021 , 50, 618-624	2.9	1
67	Sex differences in post cardiac arrest discharge locations.. <i>Resuscitation Plus</i> , 2021 , 8, 100185	1.4	0
66	Indirect effects of COVID-19 on OHCA in a low prevalence region. <i>Resuscitation</i> , 2020 , 156, 282-283	4	20
65	Sensitivity of Continuous Electroencephalography to Detect Ictal Activity After Cardiac Arrest. <i>JAMA Network Open</i> , 2020 , 3, e203751	10.4	12
64	Are providers overconfident in predicting outcome after cardiac arrest?. <i>Resuscitation</i> , 2020 , 153, 97-104	4	3
63	Duration and clinical features of cardiac arrest predict early severe cerebral edema. <i>Resuscitation</i> , 2020 , 153, 111-118	4	8
62	Comparison of parametric and nonparametric methods for outcome prediction using longitudinal data after cardiac arrest. <i>Resuscitation</i> , 2020 , 148, 152-160	4	6
61	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. <i>Resuscitation</i> , 2020 , 148, 259-265	4	7
60	Rate of intra-arrest epinephrine administration and early post-arrest organ failure after in-hospital cardiac arrest. <i>Resuscitation</i> , 2020 , 156, 15-18	4	1
59	Data-driven classification of arrest location for emergency department cardiac arrests. <i>Resuscitation</i> , 2020 , 154, 26-30	4	2
58	Early risk stratification after resuscitation from cardiac arrest. <i>Journal of the American College of Emergency Physicians Open</i> , 2020 , 1, 922-931	1.6	1
57	Postarrest Interventions that Save Lives. <i>Emergency Medicine Clinics of North America</i> , 2020 , 38, 771-782	1.9	1
56	Unsupervised learning of early post-arrest brain injury phenotypes. <i>Resuscitation</i> , 2020 , 153, 154-160	4	6
55	Association of Initial Illness Severity and Outcomes After Cardiac Arrest With Targeted Temperature Management at 36 °C or 33 °C. <i>JAMA Network Open</i> , 2020 , 3, e208215	10.4	17
54	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
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. <i>Journal of Neurotrauma</i> , 2020 , 37, 2353-2371	5.4	15
52	Predicting neurological recovery with Canonical Autocorrelation Embeddings. <i>PLoS ONE</i> , 2019 , 14, e0219766	19.6	1

51	Differential association of subtypes of epileptiform activity with outcome after cardiac arrest. <i>Resuscitation</i> , 2019 , 136, 138-145	4	7
50	Evoked potentials improve multimodal prognostication after cardiac arrest. <i>Resuscitation</i> , 2019 , 139, 92-98	4	6
49	A novel methodological framework for multimodality, trajectory model-based prognostication. <i>Resuscitation</i> , 2019 , 137, 197-204	4	7
48	Prognostication after cardiac arrest: Results of an international, multi-professional survey. <i>Resuscitation</i> , 2019 , 138, 190-197	4	23
47	Long-Term Outcomes of Out-of-Hospital Cardiac Arrest Care at Regionalized Centers. <i>Annals of Emergency Medicine</i> , 2019 , 73, 29-39	2.1	30
46	Association of antiepileptic drugs with resolution of epileptiform activity after cardiac arrest. <i>Resuscitation</i> , 2019 , 142, 82-90	4	18
45	Intra-Arrest Administration of Cyclosporine and Methylprednisolone Does Not Reduce Postarrest Myocardial Dysfunction. <i>BioMed Research International</i> , 2019 , 2019, 6539050	3	3
44	Organ donation after resuscitation from cardiac arrest. <i>Resuscitation</i> , 2019 , 145, 63-69	4	1
43	BrainFlux: An Integrated Data Warehousing Infrastructure for Dynamic Health Data. <i>Communications in Computer and Information Science</i> , 2019 , 135-143	0.3	
42	Trajectories of prescription opioids filled over time. <i>PLoS ONE</i> , 2019 , 14, e0222677	3.7	6
41	Preliminary experience with point-of-care EEG in post-cardiac arrest patients. <i>Resuscitation</i> , 2019 , 135, 98-102	4	4
40	Markers of cardiogenic shock predict persistent acute kidney injury after out of hospital cardiac arrest. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2019 , 48, 126-130	2.6	8
39	Selection bias, interventions and outcomes for survivors of cardiac arrest. <i>Heart</i> , 2018 , 104, 1356-1361	5.1	4
38	Neurostimulant use is associated with improved survival in comatose patients after cardiac arrest regardless of electroencephalographic substrate. <i>Resuscitation</i> , 2018 , 123, 38-42	4	2
37	Demographic, social, economic and geographic factors associated with long-term outcomes in a cohort of cardiac arrest survivors. <i>Resuscitation</i> , 2018 , 128, 31-36	4	6
36	Phenotyping Cardiac Arrest: Bench and Bedside Characterization of Brain and Heart Injury Based on Etiology. <i>Critical Care Medicine</i> , 2018 , 46, e508-e515	1.4	27
35	Effect of neuromonitor-guided titrated care on brain tissue hypoxia after opioid overdose cardiac arrest. <i>Resuscitation</i> , 2018 , 129, 121-126	4	10
34	Variability of extracorporeal cardiopulmonary resuscitation utilization for refractory adult out-of-hospital cardiac arrest: an international survey study. <i>Clinical and Experimental Emergency Medicine</i> , 2018 , 5, 100-106	1.7	4

33	Effect of sedation on quantitative electroencephalography after cardiac arrest. <i>Resuscitation</i> , 2018 , 124, 132-137	4	23
32	Using the Beta distribution in group-based trajectory models. <i>BMC Medical Research Methodology</i> , 2018 , 18, 152	4.7	11
31	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
30	Intracranial Pressure Trajectories: A Novel Approach to Informing Severe Traumatic Brain Injury Phenotypes. <i>Critical Care Medicine</i> , 2018 , 46, 1792-1802	1.4	34
29	Differences in Prehospital Patient Assessments for Pediatric Versus Adult Patients. <i>Journal of Pediatrics</i> , 2018 , 199, 200-205.e6	3.6	18
28	Arrest etiology among patients resuscitated from cardiac arrest. <i>Resuscitation</i> , 2018 , 130, 33-40	4	56
27	The Brain after Cardiac Arrest. <i>Seminars in Neurology</i> , 2017 , 37, 19-24	3.2	41
26	Reply. <i>Annals of Neurology</i> , 2017 , 81, 476-477	9.4	
25	Prevalence, natural history, and time-dependent outcomes of a multi-center North American cohort of out-of-hospital cardiac arrest extracorporeal CPR candidates. <i>Resuscitation</i> , 2017 , 117, 24-31	4	34
24	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). <i>Resuscitation</i> , 2017 , 121, e13	4	
23	Post-resuscitation arterial oxygen and carbon dioxide and outcomes after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017 , 120, 113-118	4	40
22	Association of antiplatelet therapy with patient outcomes after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017 , 121, 98-103	4	7
21	Emergency Neurological Life Support: Resuscitation Following Cardiac Arrest. <i>Neurocritical Care</i> , 2017 , 27, 134-143	3.3	8
20	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. <i>Therapeutic Hypothermia and Temperature Management</i> , 2017 , 7, 30-35	1.3	6
19	Cost and Utility of Microbiological Cultures Early After Intensive Care Unit Admission for Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 2017 , 26, 58-63	3.3	3
18	Clinically distinct electroencephalographic phenotypes of early myoclonus after cardiac arrest. <i>Annals of Neurology</i> , 2016 , 80, 175-84	9.4	99
17	Concordance of Brain and Core Temperature in Comatose Patients After Cardiac Arrest. <i>Therapeutic Hypothermia and Temperature Management</i> , 2016 , 6, 194-197	1.3	18
16	Association of early withdrawal of life-sustaining therapy for perceived neurological prognosis with mortality after cardiac arrest. <i>Resuscitation</i> , 2016 , 102, 127-35	4	165

15	Billing diagnoses do not accurately identify out-of-hospital cardiac arrest patients: An analysis of a regional healthcare system. <i>Resuscitation</i> , 2016 , 98, 9-14	4	19
14	Serum Neutrophil Gelatinase-Associated Lipocalin Predicts Survival After Resuscitation From Cardiac Arrest. <i>Critical Care Medicine</i> , 2016 , 44, 111-9	1.4	21
13	Group-Based Trajectory Modeling of Suppression Ratio After Cardiac Arrest. <i>Neurocritical Care</i> , 2016 , 25, 415-423	3.3	27
12	Long-term survival benefit from treatment at a specialty center after cardiac arrest. <i>Resuscitation</i> , 2016 , 108, 48-53	4	72
11	Recreational drug overdose-related cardiac arrests: break on through to the other side. <i>Resuscitation</i> , 2015 , 89, 177-81	4	21
10	Association between hospital post-resuscitative performance and clinical outcomes after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2015 , 92, 45-52	4	58
9	Reintubation in critically ill patients: procedural complications and implications for care. <i>Critical Care</i> , 2015 , 19, 12	10.8	25
8	Exposure to high concentrations of inspired oxygen does not worsen lung injury after cardiac arrest. <i>Critical Care</i> , 2015 , 19, 105	10.8	18
7	The association between hyperoxia and patient outcomes after cardiac arrest: analysis of a high-resolution database. <i>Intensive Care Medicine</i> , 2015 , 41, 49-57	14.5	116
6	Dexmedetomidine Reduces Shivering during Mild Hypothermia in Waking Subjects. <i>PLoS ONE</i> , 2015 , 10, e0129709	3.7	26
5	Validation of the Pittsburgh Cardiac Arrest Category illness severity score. <i>Resuscitation</i> , 2015 , 89, 86-92	4	82
4	Acute respiratory distress syndrome after spontaneous intracerebral hemorrhage*. <i>Critical Care Medicine</i> , 2013 , 41, 1992-2001	1.4	54
3	Hemoglobin-based oxygen carriers for hemorrhagic shock. <i>Resuscitation</i> , 2012 , 83, 285-92	4	31
2	Prolonged emergency department length of stay is not associated with worse outcomes in patients with intracerebral hemorrhage. <i>Neurocritical Care</i> , 2012 , 17, 334-42	3.3	19
1	An Evidence-Based Approach for Integrating Bedside Ultrasound Into Routine Practice in the Assessment of Undifferentiated Shock. <i>ICU Director</i> , 2010 , 1, 163-174		12