Jon C Rittenberger

List of Publications by Citations

104 papers	4,114 citations	36 h-index	62 g-index
119 ext. papers	5,315 ext. citations	3.7 avg, IF	5.33 L-index

#	Paper	IF	Citations
104	Out-of-hospital cardiac arrest survival improving over time: Results from the Resuscitation Outcomes Consortium (ROC). *Resuscitation*, **2015**, 91, 108-15	4	296
103	Part 3: Adult Basic and Advanced Life Support: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. *Circulation*, **2020**, 142, S366-S468	16.7	251
102	Frequency and timing of nonconvulsive status epilepticus in comatose post-cardiac arrest subjects treated with hypothermia. *Neurocritical Care*, **2012**, 16, 114-22	3.3	191
101	Association between a quantitative CT scan measure of brain edema and outcome after cardiac arrest. *Resuscitation*, **2011**, 82, 1180-5	4	156
100	Association between Cerebral Performance Category, Modified Rankin Scale, and discharge disposition after cardiac arrest. *Resuscitation*, **2011**, 82, 1036-40	4	147
99	Coronary angiography predicts improved outcome following cardiac arrest: propensity-adjusted analysis. *Journal of Intensive Care Medicine*, **2009**, 24, 179-86	3.3	140
98	Outcomes of a hospital-wide plan to improve care of comatose survivors of cardiac arrest. *Resuscitation*, **2008**, 79, 198-204	4	137
97	Early coronary angiography and induced hypothermia are associated with survival and functional recovery after out-of-hospital cardiac arrest. *Resuscitation*, **2014**, 85, 657-63	4	128
96	Receiving hospital characteristics associated with survival after out-of-hospital cardiac arrest. *Resuscitation*, **2010**, 81, 524-9	4	124
95	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
94	Association Between Duration of Resuscitation and Favorable Outcome After Out-of-Hospital Cardiac Arrest: Implications for Prolonging or Terminating Resuscitation. *Circulation*, **2016**, 134, 2084-2094	16.7	112
93	An early, novel illness severity score to predict outcome after cardiac arrest. *Resuscitation*, **2011**, 82, 1399-404	4	106
92	Clinically distinct electroencephalographic phenotypes of early myoclonus after cardiac arrest. *Annals of Neurology*, **2016**, 80, 175-84	9.4	99
91	Neurological and functional status following cardiac arrest: method and tool utility. *Resuscitation*, **2008**, 79, 249-56	4	91
90	Prevalence and effect of fever on outcome following resuscitation from cardiac arrest. *Resuscitation*, **2013**, 84, 1062-7	4	82
89	Validation of the Pittsburgh Cardiac Arrest Category illness severity score. *Resuscitation*, **2015**, 89, 86-92	4	82
88	Long-term survival benefit from treatment at a specialty center after cardiac arrest. *Resuscitation*, **2016**, 108, 48-53	4	72

87	Increased survival after EMS witnessed cardiac arrest. Observations from the Resuscitation Outcomes Consortium (ROC) Epistry-Cardiac arrest. *Resuscitation*, **2010**, 81, 826-30	4	63
86	Successful outcome utilizing hypothermia after cardiac arrest in pregnancy: a case report. *Critical Care Medicine*, **2008**, 36, 1354-6	1.4	62
85	Malignant EEG patterns in cardiac arrest patients treated with targeted temperature management who survive to hospital discharge. *Resuscitation*, **2015**, 90, 127-32	4	60
84	Mild hypothermia alters midazolam pharmacokinetics in normal healthy volunteers. *Drug Metabolism and Disposition*, **2010**, 38, 781-8	4	57
83	Arrest etiology among patients resuscitated from cardiac arrest. *Resuscitation*, **2018**, 130, 33-40	4	56
82	Sudden Cardiac Arrest Survivorship: A Scientific Statement From the American Heart Association. *Circulation*, **2020**, 141, e654-e685	16.7	55
81	Combination of initial neurologic examination, quantitative brain imaging and electroencephalography to predict outcome after cardiac arrest. *Resuscitation*, **2017**, 110, 120-125	4	52
80	Renal dysfunction is common following resuscitation from out-of-hospital cardiac arrest. *Resuscitation*, **2013**, 84, 1371-4	4	48
79	Combining NSE and S100B with clinical examination findings to predict survival after resuscitation from cardiac arrest. *Resuscitation*, **2014**, 85, 1025-9	4	47
78	Association between clinical examination and outcome after cardiac arrest. *Resuscitation*, **2010**, 81, 1128-32	4	46
77	Errors of omission in the treatment of prehospital chest pain patients. *Prehospital Emergency Care*, **2005**, 9, 2-7	2.8	45
76	Functional Outcomes: One Year after a Cardiac Arrest. *BioMed Research International*, **2015**, 2015, 283608	3	43
75	Continuous EEG monitoring enhances multimodal outcome prediction in hypoxic-ischemic brain injury. *Resuscitation*, **2016**, 109, 121-126	4	42
74	Post-resuscitation arterial oxygen and carbon dioxide and outcomes after out-of-hospital cardiac arrest. *Resuscitation*, **2017**, 120, 113-118	4	40
73	Risk-adjusted outcome prediction with initial post-cardiac arrest illness severity: implications for cardiac arrest survivors being considered for early invasive strategy. *Resuscitation*, **2014**, 85, 1232-9	4	39
72	Inflammatory markers following resuscitation from out-of-hospital cardiac arrest-A prospective multicenter observational study. *Resuscitation*, **2016**, 103, 117-124	4	38
71	Post-discharge outcomes after resuscitation from out-of-hospital cardiac arrest: A ROC PRIMED substudy. *Resuscitation*, **2015**, 93, 74-81	4	36
70	Survival and variability over time from out of hospital cardiac arrest across large geographically diverse communities participating in the Resuscitation Outcomes Consortium. *Resuscitation*, **2018**, 131, 74-82	4	36

69	Time to give the first medication during resuscitation in out-of-hospital cardiac arrest. *Resuscitation*, **2006**, 70, 201-6	4	36
68	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
67	Early coronary angiography and percutaneous coronary intervention are associated with improved outcomes after out of hospital cardiac arrest. *Resuscitation*, **2018**, 123, 15-21	4	34
66	Association of delay to first intervention with return of spontaneous circulation in a swine model of cardiac arrest. *Resuscitation*, **2007**, 73, 154-60	4	33
65	Biochemical signaling by remote ischemic conditioning of the arm versus thigh: Is one raise of the cuff enough?. *Redox Biology*, **2017**, 12, 491-498	11.3	29
64	Combination of initial neurologic examination and continuous EEG to predict survival after cardiac arrest. *Resuscitation*, **2015**, 94, 73-9	4	28
63	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
62	Group-Based Trajectory Modeling of Suppression Ratio After Cardiac Arrest. *Neurocritical Care*, **2016**, 25, 415-423	3.3	27
61	Efficacy of different cooling technologies for therapeutic temperature management: A prospective intervention study. *Resuscitation*, **2018**, 124, 14-20	4	26
60	Dexmedetomidine Reduces Shivering during Mild Hypothermia in Waking Subjects. *PLoS ONE*, **2015**, 10, e0129709	3.7	26
59	Reintubation in critically ill patients: procedural complications and implications for care. *Critical Care*, **2015**, 19, 12	10.8	25
58	Neurocognitive outcomes following successful resuscitation from cardiac arrest. *Resuscitation*, **2015**, 90, 67-72	4	24
57	Methylphenidate and amantadine to stimulate reawakening in comatose patients resuscitated from cardiac arrest. *Resuscitation*, **2013**, 84, 818-24	4	23
56	Effect of sedation on quantitative electroencephalography after cardiac arrest. *Resuscitation*, **2018**, 124, 132-137	4	23
55	Repeated diffusion weighted imaging in comatose cardiac arrest patients with therapeutic hypothermia. *Resuscitation*, **2015**, 96, 1-8	4	22
54	Development and validation of the Cerebral Performance Categories-Extended (CPC-E). *Resuscitation*, **2015**, 94, 98-105	4	22
53	Recreational drug overdose-related cardiac arrests: break on through to the other side. *Resuscitation*, **2015**, 89, 177-81	4	21
52	Socioeconomic factors associated with outcome after cardiac arrest in patients under the age of 65. *Resuscitation*, **2015**, 93, 14-9	4	21

51	Hemodynamic Resuscitation Characteristics Associated with Improved Survival and Shock Resolution After Cardiac Arrest. *Shock*, **2016**, 45, 613-9	3.4	21
50	Serum Neutrophil Gelatinase-Associated Lipocalin Predicts Survival After Resuscitation From Cardiac Arrest. *Critical Care Medicine*, **2016**, 44, 111-9	1.4	21
49	Echocardiographic left ventricular systolic dysfunction early after resuscitation from cardiac arrest does not predict mortality or vasopressor requirements. *Resuscitation*, **2016**, 106, 58-64	4	21
48	Characterization of mitochondrial injury after cardiac arrest (COMICA). *Resuscitation*, **2017**, 113, 56-62	4	19
47	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
46	Concordance of Brain and Core Temperature in Comatose Patients After Cardiac Arrest. *Therapeutic Hypothermia and Temperature Management*, **2016**, 6, 194-197	1.3	18
45	Determinants of heat generation in patients treated with therapeutic hypothermia following cardiac arrest. *Journal of the American Heart Association*, **2014**, 3, e000580	6	17
44	Emergency neurological life support: resuscitation following cardiac arrest. *Neurocritical Care*, **2012** , 17 Suppl 1, S21-8	3.3	17
43	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
42	Solving fatigue-related problems with cardiac arrest survivors living in the community. *Resuscitation* , **2017**, 118, 70-74	4	16
41	An intervention for cardiac arrest survivors with chronic fatigue: A feasibility study with preliminary outcomes. *Resuscitation*, **2016**, 105, 109-15	4	16
40	The effect of hypothermia "dose" on vasopressor requirements and outcome after cardiac arrest. *Resuscitation*, **2013**, 84, 189-93	4	15
39	Comparison of three cognitive exams in cardiac arrest survivors. *Resuscitation*, **2017**, 116, 98-104	4	14
38	Emergency Neurological Life Support: Resuscitation Following Cardiac Arrest. *Neurocritical Care*, **2015**, 23 Suppl 2, S119-28	3.3	13
37	Increasing CPR duration prior to first defibrillation does not improve return of spontaneous circulation or survival in a swine model of prolonged ventricular fibrillation. *Resuscitation*, **2008**, 79, 155-60	4	13
36	Successful treatment of metoprolol-induced cardiac arrest with high-dose insulin, lipid emulsion, and ECMO. *American Journal of Emergency Medicine*, **2015**, 33, 1111.e1-4	2.9	12
35	Inter-rater reliability for witnessed collapse and presence of bystander CPR. *Resuscitation*, **2006**, 70, 410-5	4	12
34	Discordant Observation of Brain Injury by MRI and Malignant Electroencephalography Patterns in Comatose Survivors of Cardiac Arrest following Therapeutic Hypothermia. *American Journal of Neuroradiology*, **2016**, 37, 1787-1793	4.4	10

33	Patterns of organ donation among resuscitated patients at a regional cardiac arrest center. *Resuscitation*, **2014**, 85, 248-52	4	10
32	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
31	Association of antiplatelet therapy with patient outcomes after out-of-hospital cardiac arrest. *Resuscitation*, **2017**, 121, 98-103	4	7
30	Differential association of subtypes of epileptiform activity with outcome after cardiac arrest. *Resuscitation*, **2019**, 136, 138-145	4	7
29	Shallow metabolic depression and human spaceflight: a feasible first step. *Journal of Applied Physiology*, **2020**, 128, 637-647	3.7	7
28	Predictors of ROSC in witnessed aeromedical cardiac arrests. *Resuscitation*, **2008**, 76, 43-6	4	7
27	Relationship Between Duration of Targeted Temperature Management, Ischemic Interval, and Good Functional Outcome From Out-of-Hospital Cardiac Arrest. *Critical Care Medicine*, **2020**, 48, 370-377	1.4	7
26	Evoked potentials improve multimodal prognostication after cardiac arrest. *Resuscitation*, **2019**, 139, 92-98	4	6
25	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
24	Frequency of adjustment with comorbidity and illness severity scores and indices in cardiac arrest research. *Resuscitation*, **2017**, 110, 56-73	4	6
23	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
22	Unsupervised learning of early post-arrest brain injury phenotypes. *Resuscitation*, **2020**, 153, 154-160	4	6
21	Temperature management for out-of-hospital cardiac arrest. *JAAPA: Official Journal of the American Academy of Physician Assistants*, **2017**, 30, 30-36	0.8	5
20	Therapeutic hypothermia after cardiac arrest. *American Journal of Nursing*, **2012**, 112, 38-44; quiz 46,45	0.6	5
19	534. *Critical Care Medicine*, **2012**, 40, 1-328	1.4	5
18	Cooling to Facilitate Metabolic Suppression in Healthy Individuals. *Aerospace Medicine and Human Performance*, **2019**, 90, 475-479	1.1	4
17	Postcardiac Arrest Management. *Emergency Medicine Clinics of North America*, **2015**, 33, 691-712	1.9	4
16	Selection bias, interventions and outcomes for survivors of cardiac arrest. *Heart*, **2018**, 104, 1356-1361	5.1	4

15	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
14	Preliminary experience with point-of-care EEG in post-cardiac arrest patients. *Resuscitation*, **2019**, 135, 98-102	4	4
13	Bystander Cardiopulmonary Resuscitation: A Civic Duty. *American Journal of Bioethics*, **2017**, 17, 51-53	1.1	3
12	Glycated Hemoglobin is Associated with Glycemic Control and 6-Month Neurologic Outcome in Cardiac Arrest Survivors Undergoing Therapeutic Hypothermia. *Neurocritical Care*, **2020**, 32, 448-458	3.3	3
11	Cardiac arrest survivors lost to follow-up after 3-Months, 6-Months and 1-Year. *Resuscitation*, **2020**, 150, 8-16	4	3
10	The prognostic performance of brain ventricular characteristic differ according to sex, age, and time after cardiac arrest in comatose out-of-hospital cardiac arrest survivors. *Resuscitation*, **2020**, 154, 69-76	4	2
9	State-of-the-art considerations in post-arrest care. *Journal of the American College of Emergency Physicians Open*, **2020**, 1, 107-116	1.6	2
8	Neurostimulant use is associated with improved survival in comatose patients after cardiac arrest regardless of electroencephalographic substrate. *Resuscitation*, **2018**, 123, 38-42	4	2
7	Phenotypes of severe post-CPR brain injury. *Resuscitation*, **2019**, 142, e1	4	2
6	Thrombin-antithrombin levels are associated with survival in patients resuscitated from cardiac arrest. *Resuscitation*, **2013**, 84, 1400-3	4	1
5	One-year outcomes in individual domains of the cerebral performance category extended.. *Resuscitation Plus*, **2021**, 8, 100184	1.4	1
4	Initial absence of N20 waveforms from median nerve somatosensory evoked potentials in a patient with cardiac arrest and good outcomes. *Clinical and Experimental Emergency Medicine*, **2019**, 6, 177-182	1.7	0
3	Post-resuscitation Management of the Poisoned Patient **2016**, 1-15		
2	Post-Resuscitation Management of the Poisoned Patient **2017**, 101-115		
1	Glycopyrrolate does not ameliorate hypothermia associated bradycardia in healthy individuals: A randomized crossover trial. *Resuscitation*, **2021**, 164, 79-83	4	