

# Jon C Rittenberger

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

6,193  
citations

76196

40  
h-index

71532

76  
g-index

119  
all docs

119  
docs citations

119  
times ranked

5250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Part 3: Adult Basic and Advanced Life Support: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2020, 142, S366-S468.	1.6	896
2	Out-of-hospital cardiac arrest survival improving over time: Results from the Resuscitation Outcomes Consortium (ROC). <i>Resuscitation</i> , 2015, 91, 108-115.	1.3	388
3	Frequency and Timing of Nonconvulsive Status Epilepticus in Comatose Post-Cardiac Arrest Subjects Treated with Hypothermia. <i>Neurocritical Care</i> , 2012, 16, 114-122.	1.2	229
4	Association between a quantitative CT scan measure of brain edema and outcome after cardiac arrest. <i>Resuscitation</i> , 2011, 82, 1180-1185.	1.3	195
5	Association between Cerebral Performance Category, Modified Rankin Scale, and discharge disposition after cardiac arrest. <i>Resuscitation</i> , 2011, 82, 1036-1040.	1.3	188
6	Association Between Duration of Resuscitation and Favorable Outcome After Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2016, 134, 2084-2094.	1.6	173
7	Review of A Large Clinical Series: Coronary Angiography Predicts Improved Outcome Following Cardiac Arrest: Propensity-adjusted Analysis. <i>Journal of Intensive Care Medicine</i> , 2009, 24, 179-186.	1.3	160
8	Outcomes of a hospital-wide plan to improve care of comatose survivors of cardiac arrest. <i>Resuscitation</i> , 2008, 79, 198-204.	1.3	158
9	Early coronary angiography and induced hypothermia are associated with survival and functional recovery after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2014, 85, 657-663.	1.3	157
10	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.	3.9	154
11	Clinically distinct electroencephalographic phenotypes of early myoclonus after cardiac arrest. <i>Annals of Neurology</i> , 2016, 80, 175-184.	2.8	146
12	Sudden Cardiac Arrest Survivorship: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2020, 141, e654-e685.	1.6	141
13	Receiving hospital characteristics associated with survival after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2010, 81, 524-529.	1.3	139
14	An early, novel illness severity score to predict outcome after cardiac arrest. <i>Resuscitation</i> , 2011, 82, 1399-1404.	1.3	139
15	Validation of the Pittsburgh Cardiac Arrest Category illness severity score. <i>Resuscitation</i> , 2015, 89, 86-92.	1.3	115
16	Prevalence and effect of fever on outcome following resuscitation from cardiac arrest. <i>Resuscitation</i> , 2013, 84, 1062-1067.	1.3	110
17	Neurological and functional status following cardiac arrest: Method and tool utility. <i>Resuscitation</i> , 2008, 79, 249-256.	1.3	107
18	Long-term survival benefit from treatment at a specialty center after cardiac arrest. <i>Resuscitation</i> , 2016, 108, 48-53.	1.3	99

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19	Arrest etiology among patients resuscitated from cardiac arrest. Resuscitation, 2018, 130, 33-40.	1.3	92
20	Increased survival after EMS witnessed cardiac arrest. Observations from the Resuscitation Outcomes Consortium (ROC) Epistryâ€”Cardiac arrest. Resuscitation, 2010, 81, 826-830.	1.3	85
21	Association of Initial Illness Severity and Outcomes After Cardiac Arrest With Targeted Temperature Management at 36 Â°C or 33 Â°C. JAMA Network Open, 2020, 3, e208215.	2.8	82
22	Malignant EEG patterns in cardiac arrest patients treated with targeted temperature management who survive to hospital discharge. Resuscitation, 2015, 90, 127-132.	1.3	76
23	Post-resuscitation arterial oxygen and carbon dioxide and outcomes after out-of-hospital cardiac arrest. Resuscitation, 2017, 120, 113-118.	1.3	74
24	Mild Hypothermia Alters Midazolam Pharmacokinetics in Normal Healthy Volunteers. Drug Metabolism and Disposition, 2010, 38, 781-788.	1.7	73
25	Successful outcome utilizing hypothermia after cardiac arrest in pregnancy: A case report. Critical Care Medicine, 2008, 36, 1354-1356.	0.4	71
26	Continuous EEG monitoring enhances multimodal outcome prediction in hypoxicâ€”ischemic brain injury. Resuscitation, 2016, 109, 121-126.	1.3	70
27	Combination of initial neurologic examination, quantitative brain imaging and electroencephalography to predict outcome after cardiac arrest. Resuscitation, 2017, 110, 120-125.	1.3	69
28	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.	1.3	61
29	Renal dysfunction is common following resuscitation from out-of-hospital cardiac arrest. Resuscitation, 2013, 84, 1371-1374.	1.3	60
30	Association between clinical examination and outcome after cardiac arrest. Resuscitation, 2010, 81, 1128-1132.	1.3	56
31	Combining NSE and S100B with clinical examination findings to predict survival after resuscitation from cardiac arrest. Resuscitation, 2014, 85, 1025-1029.	1.3	56
32	Inflammatory markers following resuscitation from out-of-hospital cardiac arrestâ€”A prospective multicenter observational study. Resuscitation, 2016, 103, 117-124.	1.3	56
33	Early coronary angiography and percutaneous coronary intervention are associated with improved outcomes after out of hospital cardiac arrest. Resuscitation, 2018, 123, 15-21.	1.3	52
34	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.	1.3	52
35	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, 1232-1239.	1.3	50
36	Functional Outcomes: One Year after a Cardiac Arrest. BioMed Research International, 2015, 2015, 1-8.	0.9	50

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37	Post-discharge outcomes after resuscitation from out-of-hospital cardiac arrest: A ROC PRIMED substudy. <i>Resuscitation</i> , 2015, 93, 74-81.	1.3	49
38	ERRORS OF OMISSION IN THE TREATMENT OF PREHOSPITAL CHEST PAIN PATIENTS. <i>Prehospital Emergency Care</i> , 2005, 9, 2-7.	1.0	48
39	Effect of sedation on quantitative electroencephalography after cardiac arrest. <i>Resuscitation</i> , 2018, 124, 132-137.	1.3	45
40	Time to give the first medication during resuscitation in out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2006, 70, 201-206.	1.3	44
41	Group-Based Trajectory Modeling of Suppression Ratio After Cardiac Arrest. <i>Neurocritical Care</i> , 2016, 25, 415-423.	1.2	41
42	Efficacy of different cooling technologies for therapeutic temperature management: A prospective intervention study. <i>Resuscitation</i> , 2018, 124, 14-20.	1.3	41
43	Phenotyping Cardiac Arrest: Bench and Bedside Characterization of Brain and Heart Injury Based on Etiology. <i>Critical Care Medicine</i> , 2018, 46, e508-e515.	0.4	41
44	Association of delay to first intervention with return of spontaneous circulation in a swine model of cardiac arrest. <i>Resuscitation</i> , 2007, 73, 154-160.	1.3	38
45	Development and validation of the Cerebral Performance Categories-Extended (CPC-E). <i>Resuscitation</i> , 2015, 94, 98-105.	1.3	38
46	Dexmedetomidine Reduces Shivering during Mild Hypothermia in Waking Subjects. <i>PLoS ONE</i> , 2015, 10, e0129709.	1.1	35
47	Neurocognitive outcomes following successful resuscitation from cardiac arrest. <i>Resuscitation</i> , 2015, 90, 67-72.	1.3	35
48	Reintubation in critically ill patients: procedural complications and implications for care. <i>Critical Care</i> , 2015, 19, 12.	2.5	35
49	Biochemical signaling by remote ischemic conditioning of the arm versus thigh: Is one raise of the cuff enough?. <i>Redox Biology</i> , 2017, 12, 491-498.	3.9	34
50	Combination of initial neurologic examination and continuous EEG to predict survival after cardiac arrest. <i>Resuscitation</i> , 2015, 94, 73-79.	1.3	32
51	Methylphenidate and amantadine to stimulate reawakening in comatose patients resuscitated from cardiac arrest. <i>Resuscitation</i> , 2013, 84, 818-824.	1.3	31
52	Hemodynamic Resuscitation Characteristics Associated with Improved Survival and Shock Resolution After Cardiac Arrest. <i>Shock</i> , 2016, 45, 613-619.	1.0	30
53	Emergency Neurological Life Support: Resuscitation Following Cardiac Arrest. <i>Neurocritical Care</i> , 2015, 23, 119-128.	1.2	29
54	Echocardiographic left ventricular systolic dysfunction early after resuscitation from cardiac arrest does not predict mortality or vasopressor requirements. <i>Resuscitation</i> , 2016, 106, 58-64.	1.3	29

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55	Socioeconomic factors associated with outcome after cardiac arrest in patients under the age of 65. Resuscitation, 2015, 93, 14-19.	1.3	28
56	Concordance of Brain and Core Temperature in Comatose Patients After Cardiac Arrest. Therapeutic Hypothermia and Temperature Management, 2016, 6, 194-197.	0.3	28
57	Repeated diffusion weighted imaging in comatose cardiac arrest patients with therapeutic hypothermia. Resuscitation, 2015, 96, 1-8.	1.3	27
58	Recreational drug overdose-related cardiac arrests: Break on through to the other side. Resuscitation, 2015, 89, 177-181.	1.3	26
59	Billing diagnoses do not accurately identify out-of-hospital cardiac arrest patients: An analysis of a regional healthcare system. Resuscitation, 2016, 98, 9-14.	1.3	26
60	Characterization of mitochondrial injury after cardiac arrest (COMICA). Resuscitation, 2017, 113, 56-62.	1.3	26
61	Serum Neutrophil Gelatinase-Associated Lipocalin Predicts Survival After Resuscitation From Cardiac Arrest. Critical Care Medicine, 2016, 44, 111-119.	0.4	25
62	Comparison of three cognitive exams in cardiac arrest survivors. Resuscitation, 2017, 116, 98-104.	1.3	24
63	Determinants of Heat Generation in Patients Treated With Therapeutic Hypothermia Following Cardiac Arrest. Journal of the American Heart Association, 2014, 3, e000580.	1.6	22
64	Solving fatigue-related problems with cardiac arrest survivors living in the community. Resuscitation, 2017, 118, 70-74.	1.3	21
65	Emergency Neurological Life Support: Resuscitation Following Cardiac Arrest. Neurocritical Care, 2012, 17, 21-28.	1.2	20
66	The effect of hypothermia dose on vasopressor requirements and outcome after cardiac arrest. Resuscitation, 2013, 84, 189-193.	1.3	20
67	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.	1.2	20
68	An intervention for cardiac arrest survivors with chronic fatigue: A feasibility study with preliminary outcomes. Resuscitation, 2016, 105, 109-115.	1.3	19
69	Inter-rater reliability for witnessed collapse and presence of bystander CPR. Resuscitation, 2006, 70, 410-415.	1.3	17
70	Successful Treatment of Metoprolol-Induced Cardiac Arrest With High-Dose Insulin, Lipid Emulsion, and ECMO. American Journal of Emergency Medicine, 2015, 33, 1111.e1-1111.e4.	0.7	16
71	Unsupervised learning of early post-arrest brain injury phenotypes. Resuscitation, 2020, 153, 154-160.	1.3	16
72	Differential association of subtypes of epileptiform activity with outcome after cardiac arrest. Resuscitation, 2019, 136, 138-145.	1.3	15

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73	Increasing CPR duration prior to first defibrillation does not improve return of spontaneous circulation or survival in a swine model of prolonged ventricular fibrillation. <i>Resuscitation</i> , 2008, 79, 155-160.	1.3	14
74	Patterns of organ donation among resuscitated patients at a regional cardiac arrest center. <i>Resuscitation</i> , 2014, 85, 248-252.	1.3	14
75	Frequency of adjustment with comorbidity and illness severity scores and indices in cardiac arrest research. <i>Resuscitation</i> , 2017, 110, 56-73.	1.3	14
76	Preliminary experience with point-of-care EEG in post-cardiac arrest patients. <i>Resuscitation</i> , 2019, 135, 98-102.	1.3	14
77	Shallow metabolic depression and human spaceflight: a feasible first step. <i>Journal of Applied Physiology</i> , 2020, 128, 637-647.	1.2	12
78	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.	0.8	11
79	Relationship Between Duration of Targeted Temperature Management, Ischemic Interval, and Good Functional Outcome From Out-of-Hospital Cardiac Arrest. <i>Critical Care Medicine</i> , 2020, 48, 370-377.	0.4	10
80	Predictors of ROSC in witnessed aeromedical cardiac arrests. <i>Resuscitation</i> , 2008, 76, 43-46.	1.3	9
81	Association of antiplatelet therapy with patient outcomes after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017, 121, 98-103.	1.3	9
82	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.	0.3	9
83	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.	1.3	9
84	Evoked potentials improve multimodal prognostication after cardiac arrest. <i>Resuscitation</i> , 2019, 139, 92-98.	1.3	9
85	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. <i>Resuscitation</i> , 2020, 154, 69-76.	1.3	9
86	Therapeutic Hypothermia After Cardiac Arrest. <i>American Journal of Nursing</i> , 2012, 112, 38-44.	0.2	8
87	Temperature management for out-of-hospital cardiac arrest. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2017, 30, 30-36.	0.1	8
88	Selection bias, interventions and outcomes for survivors of cardiac arrest. <i>Heart</i> , 2018, 104, 1356-1361.	1.2	7
89	Cooling to Facilitate Metabolic Suppression in Healthy Individuals. <i>Aerospace Medicine and Human Performance</i> , 2019, 90, 475-479.	0.2	7
90	External validation of Pittsburgh Cardiac Arrest Category illness severity score. <i>Resuscitation</i> , 2022, 172, 32-37.	1.3	7

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91	Glycated Hemoglobin is Associated with Glycemic Control and 6-Month Neurologic Outcome in Cardiac Arrest Survivors Undergoing Therapeutic Hypothermia. <i>Neurocritical Care</i> , 2020, 32, 448-458.	1.2	6
92	Postcardiac Arrest Management. <i>Emergency Medicine Clinics of North America</i> , 2015, 33, 691-712.	0.5	5
93	Cardiac arrest survivors lost to follow-up after 3-Months, 6-Months and 1-Year. <i>Resuscitation</i> , 2020, 150, 8-16.	1.3	5
94	534. <i>Critical Care Medicine</i> , 2012, 40, 1-328.	0.4	5
95	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.	0.5	5
96	Should our crystal ball after cardiac arrest include one of the building blocks of life?*. <i>Critical Care Medicine</i> , 2012, 40, 3321-3323.	0.4	3
97	Thrombin-antithrombin levels are associated with survival in patients resuscitated from cardiac arrest. <i>Resuscitation</i> , 2013, 84, 1400-1403.	1.3	3
98	Bystander Cardiopulmonary Resuscitation: A Civic Duty. <i>American Journal of Bioethics</i> , 2017, 17, 51-53.	0.5	3
99	State-of-the-art considerations in post-arrest care. <i>Journal of the American College of Emergency Physicians Open</i> , 2020, 1, 107-116.	0.4	3
100	One-year outcomes in individual domains of the cerebral performance category extended. <i>Resuscitation Plus</i> , 2021, 8, 100184.	0.6	3
101	Muddy waters: Hypothermia does not work?. <i>Resuscitation</i> , 2011, 82, 1120-1121.	1.3	2
102	The Race Is On. <i>Circulation</i> , 2015, 132, 1073-1075.	1.6	2
103	Neurostimulant use is associated with improved survival in comatose patients after cardiac arrest regardless of electroencephalographic substrate. <i>Resuscitation</i> , 2018, 123, 38-42.	1.3	2
104	Quantitative EEG after cardiac arrest: New insights from an old technology. <i>Resuscitation</i> , 2019, 142, 184-185.	1.3	2
105	Phenotypes of severe post-CPR brain injury. <i>Resuscitation</i> , 2019, 142, e1.	1.3	2
106	Glycopyrrolate does not ameliorate hypothermia associated bradycardia in healthy individuals: A randomized crossover trial. <i>Resuscitation</i> , 2021, 164, 79-83.	1.3	2
107	Beyond induced sedation: BIS for post-arrest monitoring. <i>Resuscitation</i> , 2018, 126, A5-A6.	1.3	1
108	Initial absence of N20 waveforms from median nerve somatosensory evoked potentials in a patient with cardiac arrest and good outcomes. <i>Clinical and Experimental Emergency Medicine</i> , 2019, 6, 177-182.	0.5	1

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109	Striking the Balance. Critical Care Medicine, 2014, 42, 2637-2638.	0.4	0
110	Early CT imaging of the brain – A guide to therapy. Resuscitation, 2014, 85, 1309-1310.	1.3	0
111	Inhalational neuroprotectants: A noble cause. Resuscitation, 2016, 107, A7-A8.	1.3	0
112	In search of a needle. Resuscitation, 2018, 131, A5-A6.	1.3	0
113	More than a death marker – Serum biomarkers identify future cognitive impairment. Resuscitation, 2021, 162, 435-436.	1.3	0
114	Post-resuscitation Management of the Poisoned Patient. , 2016, , 1-15.		0
115	Post-Resuscitation Management of the Poisoned Patient. , 2017, , 101-115.		0