

Clifton W Callaway

List of Publications by Year in descending order

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Version: 2024-02-01

401
papers

53,182
citations

4370

86
h-index

1456

220
g-index

405
all docs

405
docs citations

405
times ranked

44651
citing authors

#	ARTICLE	IF	CITATIONS
1	Heart Disease and Stroke Statisticsâ€™2019 Update: A Report From the American Heart Association. Circulation, 2019, 139, e56-e528.	1.6	6,192
2	Heart Disease and Stroke Statisticsâ€™2020 Update: A Report From the American Heart Association. Circulation, 2020, 141, e139-e596.	1.6	5,545
3	Heart Disease and Stroke Statisticsâ€™2018 Update: A Report From the American Heart Association. Circulation, 2018, 137, e67-e492.	1.6	5,228
4	Heart Disease and Stroke Statisticsâ€™2021 Update. Circulation, 2021, 143, e254-e743.	1.6	3,444
5	Regional Variation in Out-of-Hospital Cardiac Arrest Incidence and Outcome. JAMA - Journal of the American Medical Association, 2008, 300, 1423.	3.8	1,676
6	Part 9: Postâ€™Cardiac Arrest Care. Circulation, 2010, 122, S768-86.	1.6	1,419
7	Part 8: Adult Advanced Cardiovascular Life Support. Circulation, 2010, 122, S729-67.	1.6	1,294
8	Postâ€™Cardiac Arrest Syndrome. Circulation, 2008, 118, 2452-2483.	1.6	1,289
9	Part 8: Postâ€™Cardiac Arrest Care. Circulation, 2015, 132, S465-82.	1.6	1,121
10	Post-cardiac arrest syndrome: Epidemiology, pathophysiology, treatment, and prognostication. Resuscitation, 2008, 79, 350-379.	1.3	941
11	Part 1: Executive Summary. Circulation, 2010, 122, S640-56.	1.6	902
12	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Templates for Out-of-Hospital Cardiac Arrest. Circulation, 2015, 132, 1286-1300.	1.6	726
13	Chest Compression Fraction Determines Survival in Patients With Out-of-Hospital Ventricular Fibrillation. Circulation, 2009, 120, 1241-1247.	1.6	667
14	Part 1: Executive Summary. Circulation, 2015, 132, S315-67.	1.6	634
15	Prehospital Plasma during Air Medical Transport in Trauma Patients at Risk for Hemorrhagic Shock. New England Journal of Medicine, 2018, 379, 315-326.	13.9	573
16	Part 4: Advanced Life Support. Circulation, 2015, 132, S84-145.	1.6	560
17	Part 8: Advanced Life Support. Circulation, 2010, 122, S345-421.	1.6	412
18	What is the role of chest compression depth during out-of-hospital cardiac arrest resuscitation?*. Critical Care Medicine, 2012, 40, 1192-1198.	0.4	357

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19	Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2016, 374, 1711-1722.	13.9	329
20	Regional Systems of Care for Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2010, 121, 709-729.	1.6	297
21	Duration of Resuscitation Efforts and Functional Outcome After Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2013, 128, 2488-2494.	1.6	294
22	Association of early withdrawal of life-sustaining therapy for perceived neurological prognosis with mortality after cardiac arrest. <i>Resuscitation</i> , 2016, 102, 127-135.	1.3	285
23	Primary Outcomes for Resuscitation Science Studies. <i>Circulation</i> , 2011, 124, 2158-2177.	1.6	277
24	What Is the Optimal Chest Compression Depth During Out-of-Hospital Cardiac Arrest Resuscitation of Adult Patients?. <i>Circulation</i> , 2014, 130, 1962-1970.	1.6	274
25	Pontogeniculooccipital waves: spontaneous visual system activity during rapid eye movement sleep. <i>Cellular and Molecular Neurobiology</i> , 1987, 7, 105-149.	1.7	273
26	Predictors of poor neurological outcome in adult comatose survivors of cardiac arrest: A systematic review and meta-analysis. Part 2: Patients treated with therapeutic hypothermia. <i>Resuscitation</i> , 2013, 84, 1324-1338.	1.3	270
27	Chest Compression Rates and Survival Following Out-of-Hospital Cardiac Arrest*. <i>Critical Care Medicine</i> , 2015, 43, 840-848.	0.4	270
28	Interruptions in Cardiopulmonary Resuscitation From Paramedic Endotracheal Intubation. <i>Annals of Emergency Medicine</i> , 2009, 54, 645-652.e1.	0.3	267
29	Out-of-Hospital Hypertonic Resuscitation Following Severe Traumatic Brain Injury. <i>JAMA - Journal of the American Medical Association</i> , 2010, 304, 1455.	3.8	260
30	Rationale, development and implementation of the Resuscitation Outcomes Consortium Epistry Cardiac Arrest. <i>Resuscitation</i> , 2008, 78, 161-169.	1.3	241
31	Trial of Continuous or Interrupted Chest Compressions during CPR. <i>New England Journal of Medicine</i> , 2015, 373, 2203-2214.	13.9	239
32	Early versus Later Rhythm Analysis in Patients with Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2011, 365, 787-797.	13.9	235
33	Part 4: Advanced life support. <i>Resuscitation</i> , 2015, 95, e71-e120.	1.3	234
34	Standards for Studies of Neurological Prognostication in Comatose Survivors of Cardiac Arrest: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019, 140, e517-e542.	1.6	234
35	Admission hypothermia and outcome after major trauma. <i>Critical Care Medicine</i> , 2005, 33, 1296-1301.	0.4	233
36	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

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37	Temperature Management After Cardiac Arrest. <i>Circulation</i> , 2015, 132, 2448-2456.	1.6	219
38	Part 8: Advanced life support. <i>Resuscitation</i> , 2010, 81, e93-e174.	1.3	214
39	Effect of real-time feedback during cardiopulmonary resuscitation outside hospital: prospective, cluster-randomised trial. <i>BMJ: British Medical Journal</i> , 2011, 342, d512-d512.	2.4	196
40	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
41	Part 1: Executive Summary. <i>Circulation</i> , 2015, 132, S2-39.	1.6	192
42	A Trial of an Impedance Threshold Device in Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2011, 365, 798-806.	13.9	190
43	Association between Cerebral Performance Category, Modified Rankin Scale, and discharge disposition after cardiac arrest. <i>Resuscitation</i> , 2011, 82, 1036-1040.	1.3	188
44	Predicting Survival After Out-of-Hospital Cardiac Arrest: Role of the Utstein Data Elements. <i>Annals of Emergency Medicine</i> , 2010, 55, 249-257.	0.3	187
45	Association Between Poor Sleep, Fatigue, and Safety Outcomes in Emergency Medical Services Providers. <i>Prehospital Emergency Care</i> , 2012, 16, 86-97.	1.0	174
46	Association Between Duration of Resuscitation and Favorable Outcome After Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2016, 134, 2084-2094.	1.6	173
47	Text-Based Drinking Assessments and Brief Interventions for Young Adults Discharged from the Emergency Department. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 552-560.	1.4	167
48	Predictors of poor neurological outcome in adult comatose survivors of cardiac arrest: A systematic review and meta-analysis. Part 1: Patients not treated with therapeutic hypothermia. <i>Resuscitation</i> , 2013, 84, 1310-1323.	1.3	166
49	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
50	Unchanged pediatric out-of-hospital cardiac arrest incidence and survival rates with regional variation in North America. <i>Resuscitation</i> , 2016, 107, 121-128.	1.3	160
51	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
52	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
53	Time to administration of epinephrine and outcome after in-hospital cardiac arrest with non-shockable rhythms: retrospective analysis of large in-hospital data registry. <i>BMJ, The</i> , 2014, 348, g3028-g3028.	3.0	156
54	Part 1: Executive summary. <i>Resuscitation</i> , 2015, 95, e1-e31.	1.3	155

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55	The Evolving Role of the Cardiac Catheterization Laboratory in the Management of Patients With Out-of-Hospital Cardiac Arrest: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019, 139, e530-e552.	1.6	154
56	Association Between Tracheal Intubation During Adult In-Hospital Cardiac Arrest and Survival. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 494.	3.8	151
57	Clinically distinct electroencephalographic phenotypes of early myoclonus after cardiac arrest. <i>Annals of Neurology</i> , 2016, 80, 175-184.	2.8	146
58	Sudden Cardiac Arrest Survivorship: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2020, 141, e654-e685.	1.6	141
59	Hypothermia during Reperfusion after Asphyxial Cardiac Arrest Improves Functional Recovery and Selectively Alters Stress-Induced Protein Expression. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 520-530.	2.4	139
60	Receiving hospital characteristics associated with survival after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2010, 81, 524-529.	1.3	139
61	An early, novel illness severity score to predict outcome after cardiac arrest. <i>Resuscitation</i> , 2011, 82, 1399-1404.	1.3	139
62	Does therapeutic hypothermia benefit adult cardiac arrest patients presenting with non-shockable initial rhythms?: A systematic review and meta-analysis of randomized and non-randomized studies. <i>Resuscitation</i> , 2012, 83, 188-196.	1.3	138
63	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Pediatric Life Support; Neonatal Life Support; Education, Implementation, and Teams; and First Aid Task Forces. <i>Circulation</i> , 2019, 140, e826-e880.	1.6	138
64	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
65	A Text Message Alcohol Intervention for Young Adult Emergency Department Patients: A Randomized Clinical Trial. <i>Annals of Emergency Medicine</i> , 2014, 64, 664-672.e4.	0.3	130
66	Initial Lactate and Lactate Change in Post-Cardiac Arrest. <i>Critical Care Medicine</i> , 2014, 42, 1804-1811.	0.4	128
67	Hypothermic Reperfusion after Cardiac Arrest Augments Brain-Derived Neurotrophic Factor Activation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 843-851.	2.4	119
68	Gender Disparities Among Adult Recipients of Bystander Cardiopulmonary Resuscitation in the Public. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004710.	0.9	117
69	The rate of brain death and organ donation in patients resuscitated from cardiac arrest: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2016, 42, 1661-1671.	3.9	116
70	Delayed, spontaneous hypothermia reduces neuronal damage after asphyxial cardiac arrest in rats. <i>Critical Care Medicine</i> , 2000, 28, 3511-3516.	0.4	115
71	Validation of the Pittsburgh Cardiac Arrest Category illness severity score. <i>Resuscitation</i> , 2015, 89, 86-92.	1.3	115
72	Scaling Exponent Predicts Defibrillation Success for Out-of-Hospital Ventricular Fibrillation Cardiac Arrest. <i>Circulation</i> , 2001, 103, 1656-1661.	1.6	114

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73	Delays From First Medical Contact to Antibiotic Administration for Sepsis*. Critical Care Medicine, 2017, 45, 759-765.	0.4	114
74	Prehospital Serum Lactate as a Predictor of Outcomes in Trauma Patients: A Retrospective Observational Study. Journal of Trauma, 2011, 70, 782-786.	2.3	113
75	Prevalence and effect of fever on outcome following resuscitation from cardiac arrest. Resuscitation, 2013, 84, 1062-1067.	1.3	110
76	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Resuscitation, 2019, 145, 95-150.	1.3	110
77	Feasibility of external cranial cooling during out-of-hospital cardiac arrest. Resuscitation, 2002, 52, 159-165.	1.3	107
78	Neurological and functional status following cardiac arrest: Method and tool utility. Resuscitation, 2008, 79, 249-256.	1.3	107
79	The Relationship Between Shift Work, Sleep, and Cognition in Career Emergency Physicians. Academic Emergency Medicine, 2012, 19, 85-91.	0.8	107
80	Hyperthermia in Psychostimulant Overdose. Annals of Emergency Medicine, 1994, 24, 68-76.	0.3	106
81	Usefulness of Vasopressin Administered With Epinephrine During Out-of-Hospital Cardiac Arrest. American Journal of Cardiology, 2006, 98, 1316-1321.	0.7	105
82	Machine learning-based prediction of acute coronary syndrome using only the pre-hospital 12-lead electrocardiogram. Nature Communications, 2020, 11, 3966.	5.8	102
83	Long-term survival benefit from treatment at a specialty center after cardiac arrest. Resuscitation, 2016, 108, 48-53.	1.3	99
84	A quantitative analysis of out-of-hospital pediatric and adolescent resuscitation quality â€” A report from the ROC epistry-cardiac arrest. Resuscitation, 2015, 93, 150-157.	1.3	96
85	Arrest etiology among patients resuscitated from cardiac arrest. Resuscitation, 2018, 130, 33-40.	1.3	92
86	Socioeconomic status and incidence of sudden cardiac arrest. Cmaj, 2011, 183, 1705-1712.	0.9	90
87	Serotonin1B Receptor Activation Mimics Behavioral Effects of Presynaptic Serotonin Release. Neuropsychopharmacology, 1993, 8, 201-211.	2.8	89
88	Hypothermia after cardiac arrest does not alter serum inflammatory markers*. Critical Care Medicine, 2008, 36, 2607-2612.	0.4	87
89	Temperature Management After Cardiac Arrest. Resuscitation, 2016, 98, 97-104.	1.3	86
90	Brain injury after cardiac arrest. Lancet, The, 2021, 398, 1269-1278.	6.3	86

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91	Increased survival after EMS witnessed cardiac arrest. Observations from the Resuscitation Outcomes Consortium (ROC) Epistryâ€”Cardiac arrest. <i>Resuscitation</i> , 2010, 81, 826-830.	1.3	85
92	Lipid Emulsion Combined with Epinephrine and Vasopressin Does Not Improve Survival in a Swine Model of Bupivacaine-induced Cardiac Arrest. <i>Anesthesiology</i> , 2009, 111, 138-146.	1.3	85
93	Waveform analysis of ventricular fibrillation to predict defibrillation. <i>Current Opinion in Critical Care</i> , 2005, 11, 192-199.	1.6	84
94	Recovery between Work Shifts among Emergency Medical Services Clinicians. <i>Prehospital Emergency Care</i> , 2015, 19, 365-375.	1.0	84
95	Impact of Percutaneous Coronary Intervention Performance Reporting on Cardiac Resuscitation Centers. <i>Circulation</i> , 2013, 128, 762-773.	1.6	83
96	Association of Initial Illness Severity and Outcomes After Cardiac Arrest With Targeted Temperature Management at 36 Â°C or 33 Â°C. <i>JAMA Network Open</i> , 2020, 3, e208215.	2.8	82
97	Cardiopulmonary Resuscitation Training Disparities in the United States. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	79
98	Out-of-Hospital Cardiac Arrest Resuscitation Systems of Care: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2018, 137, e645-e660.	1.6	79
99	Post-cardiac arrest syndrome: Epidemiology, pathophysiology, treatment, and prognostication: A Scientific Statement from the International Liaison Committee on Resuscitation; the American Heart Association Emergency Cardiovascular Care Committee; the Council on Cardiovascular Surgery and Anesthesia; the Council on Cardiopulmonary, Perioperative, and Critical Care; the Council on Clinical Cardiology; the Council on Stroke (Part II). <i>International Emergency Nursing</i> , 2010, 18, 8-28.	0.6	78
100	Serum Biomarkers of Brain Injury to Classify Outcome After Pediatric Cardiac Arrest*. <i>Critical Care Medicine</i> , 2014, 42, 664-674.	0.4	78
101	Ventricular Fibrillation Scaling Exponent Can Guide Timing of Defibrillation and Other Therapies. <i>Circulation</i> , 2004, 109, 926-931.	1.6	77
102	International variation in survival after out-of-hospital cardiac arrest: A validation study of the Utstein template. <i>Resuscitation</i> , 2019, 138, 168-181.	1.3	77
103	Malignant EEG patterns in cardiac arrest patients treated with targeted temperature management who survive to hospital discharge. <i>Resuscitation</i> , 2015, 90, 127-132.	1.3	76
104	Early administration of epinephrine (adrenaline) in patients with cardiac arrest with initial shockable rhythm in hospital: propensity score matched analysis. <i>BMJ, The</i> , 2016, 353, i1577.	3.0	76
105	Vasopressors during adult cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2019, 139, 106-121.	1.3	76
106	Prehospital intravenous access and fluid resuscitation in severe sepsis: an observational cohort study. <i>Critical Care</i> , 2014, 18, 533.	2.5	75
107	Mild Hypothermia Alters Midazolam Pharmacokinetics in Normal Healthy Volunteers. <i>Drug Metabolism and Disposition</i> , 2010, 38, 781-788.	1.7	73
108	The development and implementation of cardiac arrest centers. <i>Resuscitation</i> , 2011, 82, 974-978.	1.3	73

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109	Targeted hypothermia versus targeted Normothermia after out-of-hospital cardiac arrest (TTM2): A randomized clinical trialâ€”Rationale and design. <i>American Heart Journal</i> , 2019, 217, 23-31.	1.2	72
110	Noninvasive regional cerebral oxygen saturation for neurological prognostication of patients with out-of-hospital cardiac arrest: A prospective multicenter observational study. <i>Resuscitation</i> , 2014, 85, 778-784.	1.3	71
111	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Template for In-Hospital Cardiac Arrest. <i>Resuscitation</i> , 2019, 144, 166-177.	1.3	71
112	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
113	Continuous EEG monitoring enhances multimodal outcome prediction in hypoxicâ€”ischemic brain injury. <i>Resuscitation</i> , 2016, 109, 121-126.	1.3	70
114	Combination of initial neurologic examination, quantitative brain imaging and electroencephalography to predict outcome after cardiac arrest. <i>Resuscitation</i> , 2017, 110, 120-125.	1.3	69
115	Differential effects of out-of-hospital interventions on short- and long-term survival after cardiopulmonary arrest. <i>Resuscitation</i> , 2005, 67, 69-74.	1.3	68
116	The Brain after Cardiac Arrest. <i>Seminars in Neurology</i> , 2017, 37, 019-024.	0.5	68
117	Amphetamine derivatives induce locomotor hyperactivity by acting as indirect serotonin agonists. <i>Psychopharmacology</i> , 1991, 104, 293-301.	1.5	67
118	Does induction of hypothermia improve outcomes after in-hospital cardiac arrest?. <i>Resuscitation</i> , 2013, 84, 620-625.	1.3	65
119	Apples to apples or apples to oranges? International variation in reporting of process and outcome of care for out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2014, 85, 1599-1609.	1.3	63
120	Nationwide and regional trends in survival from out-of-hospital cardiac arrest in Japan: A 10-year cohort study from 2005 to 2014. <i>Resuscitation</i> , 2017, 115, 120-128.	1.3	63
121	Reserpine enhances amphetamine stereotypies without increasing amphetamine-induced changes in striatal dialysate dopamine. <i>Brain Research</i> , 1989, 505, 83-90.	1.1	62
122	Temperature Management and Modern Postâ€”Cardiac Arrest Care. <i>New England Journal of Medicine</i> , 2013, 369, 2262-2263.	13.9	62
123	Normoxic ventilation during resuscitation and outcome from asphyxial cardiac arrest in rats. <i>Resuscitation</i> , 1999, 42, 221-229.	1.3	61
124	Cerebral oximetry in out-of-hospital cardiac arrest: standard CPR rarely provides detectable hemoglobinâ€”oxygen saturation to the frontal cortex. <i>Resuscitation</i> , 2004, 63, 189-194.	1.3	61
125	Post-cardiac arrest syndrome: Epidemiology, pathophysiology, treatment, and prognostication: A Scientific Statement from the International Liaison Committee on Resuscitation; the American Heart Association Emergency Cardiovascular Care Committee; the Council on Cardiovascular Surgery and Anesthesia; the Council on Cardiopulmonary, Perioperative, and Critical Care; the Council on Clinical Cardiology; the Council on Stroke (Part 1). <i>International Emergency Nursing</i> , 2009, 17, 203-225.	0.6	61
126	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.	1.3	61

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127	Renal dysfunction is common following resuscitation from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2013, 84, 1371-1374.	1.3	60
128	Variation in Survival After Out-of-Hospital Cardiac Arrest Between Emergency Medical Services Agencies. <i>JAMA Cardiology</i> , 2018, 3, 989.	3.0	60
129	Continuous neuromuscular blockade is associated with decreased mortality in post-cardiac arrest patients. <i>Resuscitation</i> , 2013, 84, 1728-1733.	1.3	59
130	Vasopressin administered with epinephrine is associated with a return of a pulse in out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2004, 63, 277-282.	1.3	57
131	Cognitive function following treadmill exercise in thermal protective clothing. <i>European Journal of Applied Physiology</i> , 2012, 112, 1733-1740.	1.2	57
132	Epinephrine for cardiac arrest. <i>Current Opinion in Cardiology</i> , 2013, 28, 36-42.	0.8	57
133	ILCOR Scientific Knowledge Gaps and Clinical Research Priorities for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care: A Consensus Statement. <i>Circulation</i> , 2018, 137, e802-e819.	1.6	57
134	Geldanamycin Provides Posttreatment Protection Against Glutamate-Induced Oxidative Toxicity in a Mouse Hippocampal Cell Line. <i>Journal of Neurochemistry</i> , 1999, 72, 95-101.	2.1	56
135	Association between clinical examination and outcome after cardiac arrest. <i>Resuscitation</i> , 2010, 81, 1128-1132.	1.3	56
136	A Mobile Phone Text Message Program to Measure Oral Antibiotic Use and Provide Feedback on Adherence to Patients Discharged From the Emergency Department. <i>Academic Emergency Medicine</i> , 2012, 19, 949-958.	0.8	56
137	Combining NSE and S100B with clinical examination findings to predict survival after resuscitation from cardiac arrest. <i>Resuscitation</i> , 2014, 85, 1025-1029.	1.3	56
138	Inflammatory markers following resuscitation from out-of-hospital cardiac arrest—A prospective multicenter observational study. <i>Resuscitation</i> , 2016, 103, 117-124.	1.3	56
139	Ventricular fibrillation exhibits dynamical properties and self-similarity. <i>Resuscitation</i> , 2000, 47, 163-173.	1.3	54
140	The International Liaison Committee on Resuscitation—Review of the last 25 years and vision for the future. <i>Resuscitation</i> , 2017, 121, 104-116.	1.3	54
141	Part 2: Evidence Evaluation and Management of Potential or Perceived Conflicts of Interest. <i>Circulation</i> , 2010, 122, S657-64.	1.6	53
142	ILCOR Scientific Knowledge Gaps and Clinical Research Priorities for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care: A Consensus Statement. <i>Resuscitation</i> , 2018, 127, 132-146.	1.3	53
143	Tranexamic Acid During Prehospital Transport in Patients at Risk for Hemorrhage After Injury. <i>JAMA Surgery</i> , 2020, , .	2.2	53
144	Body temperature changes are associated with outcomes following in-hospital cardiac arrest and return of spontaneous circulation. <i>Resuscitation</i> , 2009, 80, 1365-1370.	1.3	52

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145	Early coronary angiography and percutaneous coronary intervention are associated with improved outcomes after out of hospital cardiac arrest. <i>Resuscitation</i> , 2018, 123, 15-21.	1.3	52
146	Core Temperature Cooling in Healthy Volunteers After Rapid Intravenous Infusion of Cold and Room Temperature Saline Solution. <i>Annals of Emergency Medicine</i> , 2008, 51, 153-159.	0.3	50
147	Risk-adjusted outcome prediction with initial post-cardiac arrest illness severity: Implications for cardiac arrest survivors being considered for early invasive strategy. <i>Resuscitation</i> , 2014, 85, 1232-1239.	1.3	50
148	Functional Outcomes: One Year after a Cardiac Arrest. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	50
149	American Heart Association Response to the 2015 Institute of Medicine Report on Strategies to Improve Cardiac Arrest Survival. <i>Circulation</i> , 2015, 132, 1049-1070.	1.6	50
150	Comparison of the Effects of Hypothermia at 33°C or 35°C after Cardiac Arrest in Rats. <i>Academic Emergency Medicine</i> , 2007, 14, 293-300.	0.8	48
151	Incidence of Rearrest After Return of Spontaneous Circulation in Out-of-Hospital Cardiac Arrest. <i>Prehospital Emergency Care</i> , 2010, 14, 413-418.	1.0	47
152	Ethical challenges in resuscitation. <i>Intensive Care Medicine</i> , 2018, 44, 703-716.	3.9	47
153	Pre-hospital advanced airway management for adults with out-of-hospital cardiac arrest: nationwide cohort study. <i>BMJ: British Medical Journal</i> , 2019, 364, 1430.	2.4	47
154	Resuscitation Outcomes Consortium (ROC) PRIMED cardiac arrest trial methods. <i>Resuscitation</i> , 2008, 78, 179-185.	1.3	45
155	Comparison of Video Laryngoscopy and Direct Laryngoscopy in a Critical Care Transport Service. <i>Prehospital Emergency Care</i> , 2013, 17, 149-154.	1.0	45
156	Effect of sedation on quantitative electroencephalography after cardiac arrest. <i>Resuscitation</i> , 2018, 124, 132-137.	1.3	45
157	Hyponatremia in runners requiring on-site medical treatment at a single marathon. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 185-189.	0.2	44
158	Long-Term Outcomes of Out-of-Hospital Cardiac Arrest Care at Regionalized Centers. <i>Annals of Emergency Medicine</i> , 2019, 73, 29-39.	0.3	43
159	The Resuscitation Outcomes Consortium Epistry-Trauma: Design, development, and implementation of a North American Epidemiologic Prehospital Trauma Registry. <i>Resuscitation</i> , 2008, 78, 170-178.	1.3	42
160	Regional variations in early and late survival after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2012, 83, 1343-1348.	1.3	42
161	The Effect of a Statewide Mandatory Prescription Drug Monitoring Program on Opioid Prescribing by Emergency Medicine Providers Across 15 Hospitals in a Single Health System. <i>Journal of Pain</i> , 2018, 19, 430-438.	0.7	42
162	Group-Based Trajectory Modeling of Suppression Ratio After Cardiac Arrest. <i>Neurocritical Care</i> , 2016, 25, 415-423.	1.2	41

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164	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
165	Mobile Phone Text Messaging to Assess Symptoms After Mild Traumatic Brain Injury and Provide Self-Care Support. <i>Journal of Head Trauma Rehabilitation</i> , 2013, 28, 302-312.	1.0	39
166	Surrogate Consent by Family Members for Out-of-hospital Cardiac Arrest Research. <i>Academic Emergency Medicine</i> , 2001, 8, 851-853.	0.8	38
167	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
168	Variables Associated with Successful Intubation Attempts Using Video Laryngoscopy: A Preliminary Report in a Helicopter Emergency Medical Service. <i>Prehospital Emergency Care</i> , 2012, 16, 293-298.	1.0	38
169	Development and validation of the Cerebral Performance Categories-Extended (CPC-E). <i>Resuscitation</i> , 2015, 94, 98-105.	1.3	38
170	Prognostication after cardiac arrest: Results of an international, multi-professional survey. <i>Resuscitation</i> , 2019, 138, 190-197.	1.3	38
171	Increased chest compression to ventilation ratio improves delivery of CPR. <i>Resuscitation</i> , 2007, 74, 446-452.	1.3	37
172	Part 3: Evidence Evaluation Process. <i>Circulation</i> , 2010, 122, S283-90.	1.6	37
173	Scaling Structure of Electrocardiographic Waveform During Prolonged Ventricular Fibrillation in Swine. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000, 23, 180-191.	0.5	36
174	Delayed hypothermia preferentially increases expression of brain-derived neurotrophic factor exon III in rat hippocampus after asphyxial cardiac arrest. <i>Molecular Brain Research</i> , 2005, 135, 21-29.	2.5	36
175	Summary of NIH Medical-Surgical Emergency Research Roundtable Held on April 30 to May 1, 2009. <i>Annals of Emergency Medicine</i> , 2010, 56, 522-537.	0.3	36
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177	Dexmedetomidine Reduces Shivering during Mild Hypothermia in Waking Subjects. <i>PLoS ONE</i> , 2015, 10, e0129709.	1.1	35
178	Neurocognitive outcomes following successful resuscitation from cardiac arrest. <i>Resuscitation</i> , 2015, 90, 67-72.	1.3	35
179	Stimulant effects of 3,4-methylenedioxymethamphetamine in the nucleus accumbens of rat. <i>European Journal of Pharmacology</i> , 1992, 214, 45-51.	1.7	34
180	Motion Capture Measures Variability in Laryngoscopic Movement During Endotracheal Intubation. <i>Simulation in Healthcare</i> , 2012, 7, 255-260.	0.7	34

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182	Sensitivity of Continuous Electroencephalography to Detect Ictal Activity After Cardiac Arrest. <i>JAMA Network Open</i> , 2020, 3, e203751.	2.8	34
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184	Emergency physician recognition of delirium. <i>Postgraduate Medical Journal</i> , 2013, 89, 621-625.	0.9	33
185	Documentation discrepancies of time-dependent critical events in out of hospital cardiac arrest. <i>Resuscitation</i> , 2014, 85, 1111-1114.	1.3	33
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187	Logarithm of the absolute correlations of the ECG waveform estimates duration of ventricular fibrillation and predicts successful defibrillation. <i>Resuscitation</i> , 2008, 78, 346-354.	1.3	32
188	Estimates of sedation in patients undergoing endotracheal intubation in US EDs. <i>American Journal of Emergency Medicine</i> , 2013, 31, 222-226.	0.7	32
189	Combination of initial neurologic examination and continuous EEG to predict survival after cardiac arrest. <i>Resuscitation</i> , 2015, 94, 73-79.	1.3	32
190	Variation in Bystander Cardiopulmonary Resuscitation Delivery and Subsequent Survival From Out-of-Hospital Cardiac Arrest Based on Neighborhood-Level Ethnic Characteristics. <i>Circulation</i> , 2020, 141, 34-41.	1.6	32
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194	Pre-resuscitation Lactate and Hospital Mortality in Prehospital Patients. <i>Prehospital Emergency Care</i> , 2014, 18, 321-327.	1.0	31
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197	High-dose diazepam facilitates core cooling during cold saline infusion in healthy volunteers. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 582-586.	0.9	30
198	Exploratory study of serum ubiquitin carboxyl-terminal esterase L1 and glial fibrillary acidic protein for outcome prognostication after pediatric cardiac arrest. <i>Resuscitation</i> , 2016, 101, 65-70.	1.3	30

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204	Intracranial Pressure Increases During Rewarming Period After Mild Therapeutic Hypothermia in Postcardiac Arrest Patients. <i>Therapeutic Hypothermia and Temperature Management</i> , 2016, 6, 189-193.	0.3	29
205	Prehospital advanced airway management for paediatric patients with out-of-hospital cardiac arrest: A nationwide cohort study. <i>Resuscitation</i> , 2019, 145, 175-184.	1.3	29
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212	Hypothermia and ERK activation after cardiac arrest. <i>Brain Research</i> , 2005, 1064, 108-118.	1.1	27
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218	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.	1.3	26
219	Characterization of mitochondrial injury after cardiac arrest (COMICA). <i>Resuscitation</i> , 2017, 113, 56-62.	1.3	26
220	Antiarrhythmic Drugs for Nonshockable-Turned-Shockable Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2017, 136, 2119-2131.	1.6	26
221	A comparison of CPR delivery with various compression-to-ventilation ratios during two-rescuer CPR. <i>Resuscitation</i> , 2005, 65, 325-328.	1.3	25
222	Risk of cardiopulmonary arrest after acute respiratory compromise in hospitalized patients. <i>Resuscitation</i> , 2008, 79, 234-240.	1.3	25
223	Resuscitation characteristics and outcomes in suspected drug overdose-related out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2014, 85, 1375-1379.	1.3	25
224	Serum Neutrophil Gelatinase-Associated Lipocalin Predicts Survival After Resuscitation From Cardiac Arrest. <i>Critical Care Medicine</i> , 2016, 44, 111-119.	0.4	25
225	Bench to Bedside Resuscitation from Prolonged Ventricular Fibrillation. <i>Academic Emergency Medicine</i> , 2001, 8, 909-924.	0.8	24
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227	Magnitude of national ED visits and resource utilization by the uninsured. <i>American Journal of Emergency Medicine</i> , 2013, 31, 722-726.	0.7	24
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230	Comparison of three cognitive exams in cardiac arrest survivors. <i>Resuscitation</i> , 2017, 116, 98-104.	1.3	24
231	The impact of increased chest compression fraction on survival for out-of-hospital cardiac arrest patients with a non-shockable initial rhythm. <i>Resuscitation</i> , 2020, 154, 93-100.	1.3	24
232	Characteristics of paediatric out-of-hospital cardiac arrest in the United States. <i>Resuscitation</i> , 2020, 153, 227-233.	1.3	24
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238	Exposure to high concentrations of inspired oxygen does not worsen lung injury after cardiac arrest. Critical Care, 2015, 19, 105.	2.5	22
239	The present and future of cardiac arrest care: international experts reach out to caregivers and healthcare authorities. Intensive Care Medicine, 2018, 44, 823-832.	3.9	22
240	Improving neurologic outcomes after out-of-hospital cardiac arrest. Prehospital Emergency Care, 1997, 1, 45-57.	1.0	21
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242	Solving fatigue-related problems with cardiac arrest survivors living in the community. Resuscitation, 2017, 118, 70-74.	1.3	21
243	Comparison of clinical risk scores for triaging high-risk chest pain patients at the emergency department. American Journal of Emergency Medicine, 2019, 37, 461-467.	0.7	21
244	Suppression of behavioral activity by norfenfluramine and related drugs in rats is not mediated by serotonin release. Psychopharmacology, 1993, 111, 169-178.	1.5	20
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251	Real-time fatigue reduction in emergency care clinicians: The SleepTrackTXT randomized trial. American Journal of Industrial Medicine, 2015, 58, 1098-1113.	1.0	19
252	An intervention for cardiac arrest survivors with chronic fatigue: A feasibility study with preliminary outcomes. Resuscitation, 2016, 105, 109-115.	1.3	19

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256	Regional changes in glial cell line-derived neurotrophic factor after cardiac arrest and hypothermia in rats. <i>Neuroscience Letters</i> , 2004, 368, 135-139.	1.0	18
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259	Spatial indices of repolarization correlate with non-ST elevation myocardial ischemia in patients with chest pain. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 1-12.	1.6	18
260	Cardiac Arrest and the Role of Thrombolytic Agents. <i>Annals of Emergency Medicine</i> , 2000, 35, 472-480.	0.3	17
261	Inter-rater reliability for witnessed collapse and presence of bystander CPR. <i>Resuscitation</i> , 2006, 70, 410-415.	1.3	17
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263	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.	1.3	17
264	Brain MR imaging and spectroscopy for outcome prognostication after pediatric cardiac arrest. <i>Resuscitation</i> , 2020, 157, 185-194.	1.3	17
265	Hypothermic versus Normothermic Temperature Control after Cardiac Arrest. , 2022, 1, .		17
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267	Unsupervised learning of early post-arrest brain injury phenotypes. <i>Resuscitation</i> , 2020, 153, 154-160.	1.3	16
268	Near-infrared spectroscopy in post-cardiac arrest patients undergoing therapeutic hypothermia. <i>Resuscitation</i> , 2012, 83, 986-990.	1.3	15
269	Organ donation after resuscitation from cardiac arrest. <i>Resuscitation</i> , 2019, 145, 63-69.	1.3	15
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272	Effects of Biphasic vs Monophasic Defibrillation on the Scaling Exponent in a Swine Model of Prolonged Ventricular Fibrillation. <i>Academic Emergency Medicine</i> , 2001, 8, 771-780.	0.8	14
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274	Video Laryngoscopic Techniques Associated with Intubation Success in a Helicopter Emergency Medical Service System. <i>Prehospital Emergency Care</i> , 2016, 20, 333-342.	1.0	14
275	Prevalence and Predictors of Delay in Seeking Emergency Care in Patients Who Call 9-1-1 for Chest Pain. <i>Journal of Emergency Medicine</i> , 2019, 57, 603-610.	0.3	14
276	Preliminary experience with point-of-care EEG in post-cardiac arrest patients. <i>Resuscitation</i> , 2019, 135, 98-102.	1.3	14
277	Racial disparities in out-of-hospital cardiac arrest interventions and survival in the Pragmatic Airway Resuscitation Trial. <i>Resuscitation</i> , 2020, 155, 152-158.	1.3	14
278	Ambulatory blood pressure monitoring among emergency medical services night shift workers. <i>Occupational and Environmental Medicine</i> , 2021, 78, 29-35.	1.3	14
279	Small molecule activators of the heat shock response and neuroprotection from stroke. <i>Current Atherosclerosis Reports</i> , 2004, 6, 295-300.	2.0	13
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281	Are providers overconfident in predicting outcome after cardiac arrest?. <i>Resuscitation</i> , 2020, 153, 97-104.	1.3	13
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285	Electrophysiological analysis of the neural circuitry underlying opiate effects in the nucleus accumbens septi. <i>Neuroscience Letters</i> , 1989, 101, 163-168.	1.0	11
286	Thrombin-Antithrombin Appearance in Out-of-Hospital Cardiac Arrest. <i>Prehospital Emergency Care</i> , 2007, 11, 9-13.	1.0	11
287	Creating an Infrastructure for Comparative Effectiveness Research in Emergency Medical Services. <i>Academic Emergency Medicine</i> , 2014, 21, 599-607.	0.8	11
288	Factors contributing to emergency department care within 30 days of hospital discharge and potential ways to prevent it: Differences in perspectives of patients, caregivers, and emergency physicians. <i>Journal of Hospital Medicine</i> , 2014, 9, 315-319.	0.7	11

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290	Continuous Neuromuscular Blockade Following Successful Resuscitation From Cardiac Arrest: A Randomized Trial. <i>Journal of the American Heart Association</i> , 2020, 9, e017171.	1.6	11
291	Between-hospital variability in organ donation after resuscitation from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021, 167, 372-379.	1.3	11
292	Physiciansâ€™ cognitive approach to prognostication after cardiac arrest. <i>Resuscitation</i> , 2022, 173, 112-121.	1.3	11
293	Post-resuscitation hemodynamics and relationship to the duration of ventricular fibrillation. <i>Resuscitation</i> , 2008, 78, 355-358.	1.3	10
294	Regional Impact of Cardiac Arrest Center Criteria on Out-of-Hospital Transportation Practices. <i>Prehospital Emergency Care</i> , 2011, 15, 381-387.	1.0	10
295	Characterization of electrocardiogram changes throughout a marathon. <i>European Journal of Applied Physiology</i> , 2014, 114, 1725-1735.	1.2	10
296	The Association Between Daily Posttraumatic Stress Symptoms and Pain Over the First 14 Days After Injury: An Experience Sampling Study. <i>Academic Emergency Medicine</i> , 2018, 25, 844-855.	0.8	10
297	The First National Institutes of Health Institutional Training Program in Emergency Care Research: Productivity and Outcomes. <i>Annals of Emergency Medicine</i> , 2018, 72, 679-690.	0.3	10
298	Bioactive Oxylipins in Infants and Children With Congenital Heart Disease Undergoing Pediatric Cardiopulmonary Bypass. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 33-41.	0.2	10
299	Predictors of ROSC in witnessed aeromedical cardiac arrests. <i>Resuscitation</i> , 2008, 76, 43-46.	1.3	9
300	Method of Cold Saline Storage for Prehospital Induced Hypothermia. <i>Prehospital Emergency Care</i> , 2009, 13, 81-84.	1.0	9
301	Studying Community Consultation in Exception From Informed Consent Trials*. <i>Critical Care Medicine</i> , 2014, 42, 451-453.	0.4	9
302	Association of antiplatelet therapy with patient outcomes after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017, 121, 98-103.	1.3	9
303	Evaluation of beat-to-beat ventricular repolarization lability from standard 12-lead ECG during acute myocardial ischemia. <i>Journal of Electrocardiology</i> , 2017, 50, 717-724.	0.4	9
304	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
305	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
306	An assessment of ventilation and perfusion markers in out-of-hospital cardiac arrest patients receiving mechanical CPR with endotracheal or supraglottic airways. <i>Resuscitation</i> , 2018, 122, 61-64.	1.3	9

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308	Evoked potentials improve multimodal prognostication after cardiac arrest. <i>Resuscitation</i> , 2019, 139, 92-98.	1.3	9
309	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
310	P HYSICIAN I NTERPRETATION AND Q UANTITATIVE M EASURES OF E LECTROCARDIOGRAPHIC V ENTRICULAR F IBRILLATION W AVEFORM. <i>Prehospital Emergency Care</i> , 2001, 5, 147-154.	1.0	8
311	Adenosine A1 receptor antagonism hastens the decay in ventricular fibrillation waveform morphology during porcine cardiac arrest. <i>Resuscitation</i> , 2006, 71, 254-259.	1.3	8
312	Neurologic recovery following cardiac arrest due to benzodiazepine and opiate toxicity. <i>Resuscitation</i> , 2009, 80, 1446-1447.	1.3	8
313	Management of Prehospital Seizure Patients by Paramedics. <i>Prehospital Emergency Care</i> , 2009, 13, 179-184.	1.0	8
314	Endothelial damage after cardiac arrest”â€œEndotheliitisâ€• <i>Resuscitation</i> , 2012, 83, 667-668.	1.3	8
315	Mobile phone text messaging intervention to improve alertness and reduce sleepiness and fatigue during shiftwork among emergency medicine clinicians: study protocol for the SleepTrackTXT pilot randomized controlled trial. <i>Trials</i> , 2014, 15, 244.	0.7	8
316	Association of remote ischemic peri-conditioning with reduced incidence of clinical heart failure after primary percutaneous coronary intervention. <i>Cardiovascular Revascularization Medicine</i> , 2017, 18, 105-109.	0.3	8
317	Brain-derived neurotrophic factor does not improve recovery after cardiac arrest in rats. <i>Neuroscience Letters</i> , 2008, 445, 103-107.	1.0	7
318	Transport of Patients After Out-of-Hospital Cardiac Arrest: Closest Facility or Most Appropriate Facility?. <i>Annals of Emergency Medicine</i> , 2009, 54, 256-257.	0.3	7
319	Dynamic prediction of patient outcomes”during ongoing cardiopulmonary resuscitation. <i>Resuscitation</i> , 2017, 111, 127-133.	1.3	7
320	Quantitative sensory testing measures individual pain responses in emergency department patients. <i>Journal of Pain Research</i> , 2017, Volume 10, 1241-1253.	0.8	7
321	Selection bias, interventions and outcomes for survivors of cardiac arrest. <i>Heart</i> , 2018, 104, 1356-1361.	1.2	7
322	Cooling to Facilitate Metabolic Suppression in Healthy Individuals. <i>Aerospace Medicine and Human Performance</i> , 2019, 90, 475-479.	0.2	7
323	Targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest: a statistical analysis plan. <i>Trials</i> , 2020, 21, 831.	0.7	7
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