Clifton W Callaway

List of Publications by Year
in descending order

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401 papers	53,182 citations	4388 86 h-index	1461 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.	7.4	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.	3.0	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.	27.0	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.	0.9	357

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19	Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Cardiac Arrest. New England Journal of Medicine, 2016, 374, 1711-1722.	27.0	329
20	Regional Systems of Care for Out-of-Hospital Cardiac Arrest. Circulation, 2010, 121, 709-729.	1.6	297
21	Duration of Resuscitation Efforts and Functional Outcome After Out-of-Hospital Cardiac Arrest. Circulation, 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. Resuscitation, 2016, 102, 127-135.	3.0	285
23	Primary Outcomes for Resuscitation Science Studies. Circulation, 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?. Circulation, 2014, 130, 1962-1970.	1.6	274
25	Pontogeniculooccipital waves: spontaneous visual system activity during rapid eye movement sleep. Cellular and Molecular Neurobiology, 1987, 7, 105-149.	3.3	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. Resuscitation, 2013, 84, 1324-1338.	3.0	270
27	Chest Compression Rates and Survival Following Out-of-Hospital Cardiac Arrest*. Critical Care Medicine, 2015, 43, 840-848.	0.9	270
28	Interruptions in Cardiopulmonary Resuscitation From Paramedic Endotracheal Intubation. Annals of Emergency Medicine, 2009, 54, 645-652.e1.	0.6	267
29	Out-of-Hospital Hypertonic Resuscitation Following Severe Traumatic Brain Injury. JAMA - Journal of the American Medical Association, 2010, 304, 1455.	7.4	260
30	Rationale, development and implementation of the Resuscitation Outcomes Consortium Epistryâ€"Cardiac Arrest. Resuscitation, 2008, 78, 161-169.	3.0	241
31	Trial of Continuous or Interrupted Chest Compressions during CPR. New England Journal of Medicine, 2015, 373, 2203-2214.	27.0	239
32	Early versus Later Rhythm Analysis in Patients with Out-of-Hospital Cardiac Arrest. New England Journal of Medicine, 2011, 365, 787-797.	27.0	235
33	Part 4: Advanced life support. Resuscitation, 2015, 95, e71-e120.	3.0	234
34	Standards for Studies of Neurological Prognostication in Comatose Survivors of Cardiac Arrest: A Scientific Statement From the American Heart Association. Circulation, 2019, 140, e517-e542.	1.6	234
35	Admission hypothermia and outcome after major trauma. Critical Care Medicine, 2005, 33, 1296-1301.	0.9	233
36	Frequency and Timing of Nonconvulsive Status Epilepticus in Comatose Post-Cardiac Arrest Subjects Treated with Hypothermia. Neurocritical Care, 2012, 16, 114-122.	2.4	229

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37	Temperature Management After Cardiac Arrest. Circulation, 2015, 132, 2448-2456.	1.6	219
38	Part 8: Advanced life support. Resuscitation, 2010, 81, e93-e174.	3.0	214
39	Effect of real-time feedback during cardiopulmonary resuscitation outside hospital: prospective, cluster-randomised trial. BMJ: British Medical Journal, 2011, 342, d512-d512.	2.3	196
40	Association between a quantitative CT scan measure of brain edema and outcome after cardiac arrest. Resuscitation, 2011, 82, 1180-1185.	3.0	195
41	Part 1: Executive Summary. Circulation, 2015, 132, S2-39.	1.6	192
42	A Trial of an Impedance Threshold Device in Out-of-Hospital Cardiac Arrest. New England Journal of Medicine, 2011, 365, 798-806.	27.0	190
43	Association between Cerebral Performance Category, Modified Rankin Scale, and discharge disposition after cardiac arrest. Resuscitation, 2011, 82, 1036-1040.	3.0	188
44	Predicting Survival After Out-of-Hospital Cardiac Arrest: Role of the Utstein Data Elements. Annals of Emergency Medicine, 2010, 55, 249-257.	0.6	187
45	Association Between Poor Sleep, Fatigue, and Safety Outcomes in Emergency Medical Services Providers. Prehospital Emergency Care, 2012, 16, 86-97.	1.8	174
46	Association Between Duration of Resuscitation and Favorable Outcome After Out-of-Hospital Cardiac Arrest. Circulation, 2016, 134, 2084-2094.	1.6	173
47	Textâ€Messageâ€Based Drinking Assessments and Brief Interventions for Young Adults Discharged from the Emergency Department. Alcoholism: Clinical and Experimental Research, 2012, 36, 552-560.	2.4	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. Resuscitation, 2013, 84, 1310-1323.	3.0	166
49	Review of A Large Clinical Series: Coronary Angiography Predicts Improved Outcome Following Cardiac Arrest: Propensity-adjusted Analysis. Journal of Intensive Care Medicine, 2009, 24, 179-186.	2.8	160
50	Unchanged pediatric out-of-hospital cardiac arrest incidence and survival rates with regional variation in North America. Resuscitation, 2016, 107, 121-128.	3.0	160
51	Outcomes of a hospital-wide plan to improve care of comatose survivors of cardiac arrest. Resuscitation, 2008, 79, 198-204.	3.0	158
52	Early coronary angiography and induced hypothermia are associated with survival and functional recovery after out-of-hospital cardiac arrest. Resuscitation, 2014, 85, 657-663.	3.0	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. BMJ, The, 2014, 348, g3028-g3028.	6.0	156
54	Part 1: Executive summary. Resuscitation, 2015, 95, e1-e31.	3.0	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. Circulation, 2019, 139, e530-e552.	1.6	154
56	Association Between Tracheal Intubation During Adult In-Hospital Cardiac Arrest and Survival. JAMA - Journal of the American Medical Association, 2017, 317, 494.	7.4	151
57	Clinically distinct electroencephalographic phenotypes of early myoclonus after cardiac arrest. Annals of Neurology, 2016, 80, 175-184.	5.3	146
58	Sudden Cardiac Arrest Survivorship: A Scientific Statement From the American Heart Association. Circulation, 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. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 520-530.	4.3	139
60	Receiving hospital characteristics associated with survival after out-of-hospital cardiac arrest. Resuscitation, 2010, 81, 524-529.	3.0	139
61	An early, novel illness severity score to predict outcome after cardiac arrest. Resuscitation, 2011, 82, 1399-1404.	3.0	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. Resuscitation, 2012, 83, 188-196.	3.0	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. Circulation, 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. Resuscitation, 2014, 85, 732-740.	3.0	136
65	A Text Message Alcohol Intervention for Young Adult Emergency Department Patients: A Randomized Clinical Trial. Annals of Emergency Medicine, 2014, 64, 664-672.e4.	0.6	130
66	Initial Lactate and Lactate Change in Postâ€“Cardiac Arrest. Critical Care Medicine, 2014, 42, 1804-1811.	0.9	128
67	Hypothermic Reperfusion after Cardiac Arrest Augments Brain-Derived Neurotrophic Factor Activation. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 843-851.	4.3	119
68	Gender Disparities Among Adult Recipients of Bystander Cardiopulmonary Resuscitation in the Public. Circulation: Cardiovascular Quality and Outcomes, 2018, 11, e004710.	2.2	117
69	The rate of brain death and organ donation in patients resuscitated from cardiac arrest: a systematic review and meta-analysis. Intensive Care Medicine, 2016, 42, 1661-1671.	8.2	116
70	Delayed, spontaneous hypothermia reduces neuronal damage after asphyxial cardiac arrest in rats. Critical Care Medicine, 2000, 28, 3511-3516.	0.9	115
71	Validation of the Pittsburgh Cardiac Arrest Category illness severity score. Resuscitation, 2015, 89, 86-92.	3.0	115
72	Scaling Exponent Predicts Defibrillation Success for Out-of-Hospital Ventricular Fibrillation Cardiac Arrest. Circulation, 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.	0.9	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.	3.0	110
76	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Resuscitation, 2019, 145, 95-150.	3.0	110
77	Feasibility of external cranial cooling during out-of-hospital cardiac arrest. Resuscitation, 2002, 52, 159-165.	3.0	107
78	Neurological and functional status following cardiac arrest: Method and tool utility. Resuscitation, 2008, 79, 249-256.	3.0	107
79	The Relationship Between Shift Work, Sleep, and Cognition in Career Emergency Physicians. Academic Emergency Medicine, 2012, 19, 85-91.	1.8	107
80	Hyperthermia in Psychostimulant Overdose. Annals of Emergency Medicine, 1994, 24, 68-76.	0.6	106
81	Usefulness of Vasopressin Administered With Epinephrine During Out-of-Hospital Cardiac Arrest. American Journal of Cardiology, 2006, 98, 1316-1321.	1.6	105
82	Machine learning-based prediction of acute coronary syndrome using only the pre-hospital 12-lead electrocardiogram. Nature Communications, 2020, 11, 3966.	12.8	102
83	Long-term survival benefit from treatment at a specialty center after cardiac arrest. Resuscitation, 2016, 108, 48-53.	3.0	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.	3.0	96
85	Arrest etiology among patients resuscitated from cardiac arrest. Resuscitation, 2018, 130, 33-40.	3.0	92
86	Socioeconomic status and incidence of sudden cardiac arrest. Cmaj, 2011, 183, 1705-1712.	2.0	90
87	Serotonin1B Receptor Activation Mimics Behavioral Effects of Presynaptic Serotonin Release. Neuropsychopharmacology, 1993, 8, 201-211.	5.4	89
88	Hypothermia after cardiac arrest does not alter serum inflammatory markers*. Critical Care Medicine, 2008, 36, 2607-2612.	0.9	87
89	Temperature Management After Cardiac Arrest. Resuscitation, 2016, 98, 97-104.	3.0	86
90	Brain injury after cardiac arrest. Lancet, The, 2021, 398, 1269-1278.	13.7	86

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91	Increased survival after EMS witnessed cardiac arrest. Observations from the Resuscitation Outcomes Consortium (ROC) Epistryâ€"Cardiac arrest. Resuscitation, 2010, 81, 826-830.	3.0	85
92	Lipid Emulsion Combined with Epinephrine and Vasopressin Does Not Improve Survival in a Swine Model of Bupivacaine-induced Cardiac Arrest. Anesthesiology, 2009, 111, 138-146.	2.5	85
93	Waveform analysis of ventricular fibrillation to predict defibrillation. Current Opinion in Critical Care, 2005, 11, 192-199.	3.2	84
94	Recovery between Work Shifts among Emergency Medical Services Clinicians. Prehospital Emergency Care, 2015, 19, 365-375.	1.8	84
95	Impact of Percutaneous Coronary Intervention Performance Reporting on Cardiac Resuscitation Centers. Circulation, 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. JAMA Network Open, 2020, 3, e208215.	5.9	82
97	Cardiopulmonary Resuscitation Training Disparities in the United States. Journal of the American Heart Association, 2017, 6, .	3.7	79
98	Out-of-Hospital Cardiac Arrest Resuscitation Systems of Care: A Scientific Statement From the American Heart Association. Circulation, 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). International Emergency Nursing, 2010, 18, 8-28.	1.5	78
100	Serum Biomarkers of Brain Injury to Classify Outcome After Pediatric Cardiac Arrest*. Critical Care Medicine, 2014, 42, 664-674.	0.9	78
101	Ventricular Fibrillation Scaling Exponent Can Guide Timing of Defibrillation and Other Therapies. Circulation, 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. Resuscitation, 2019, 138, 168-181.	3.0	77
103	Malignant EEG patterns in cardiac arrest patients treated with targeted temperature management who survive to hospital discharge. Resuscitation, 2015, 90, 127-132.	3.0	76
104	Early administration of epinephrine (adrenaline) in patients with cardiac arrest with initial shockable rhythm in hospital: propensity score matched analysis. BMJ, The, 2016, 353, i1577.	6.0	76
105	Vasopressors during adult cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2019, 139, 106-121.	3.0	76
106	Prehospital intravenous access and fluid resuscitation in severe sepsis: an observational cohort study. Critical Care, 2014, 18, 533.	5.8	75
107	Mild Hypothermia Alters Midazolam Pharmacokinetics in Normal Healthy Volunteers. Drug Metabolism and Disposition, 2010, 38, 781-788.	3.3	73
108	The development and implementation of cardiac arrest centers. Resuscitation, 2011, 82, 974-978.	3.0	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. American Heart Journal, 2019, 217, 23-31.	2.7	72
110	Noninvasive regional cerebral oxygen saturation for neurological prognostication of patients with out-of-hospital cardiac arrest: A prospective multicenter observational study. Resuscitation, 2014, 85, 778-784.	3.0	71
111	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Template for In-Hospital Cardiac Arrest. Resuscitation, 2019, 144, 166-177.	3.0	71
112	Association between hospital post-resuscitative performance and clinical outcomes after out-of-hospital cardiac arrest. Resuscitation, 2015, 92, 45-52.	3.0	70
113	Continuous EEG monitoring enhances multimodal outcome prediction in hypoxicâ€"ischemic brain injury. Resuscitation, 2016, 109, 121-126.	3.0	70
114	Combination of initial neurologic examination, quantitative brain imaging and electroencephalography to predict outcome after cardiac arrest. Resuscitation, 2017, 110, 120-125.	3.0	69
115	Differential effects of out-of-hospital interventions on short- and long-term survival after cardiopulmonary arrest. Resuscitation, 2005, 67, 69-74.	3.0	68
116	The Brain after Cardiac Arrest. Seminars in Neurology, 2017, 37, 019-024.	1.4	68
117	Amphetamine derivatives induce locomotor hyperactivity by acting as indirect serotonin agonists. Psychopharmacology, 1991, 104, 293-301.	3.1	67
118	Does induction of hypothermia improve outcomes after in-hospital cardiac arrest?. Resuscitation, 2013, 84, 620-625.	3.0	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. Resuscitation, 2014, 85, 1599-1609.	3.0	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. Resuscitation, 2017, 115, 120-128.	3.0	63
121	Reserpine enhances amphetamine stereotypies without increasing amphetamine-induced changes in striatal dialysate dopamine. Brain Research, 1989, 505, 83-90.	2.2	62
122	Temperature Management and Modern Postâ€"Cardiac Arrest Care. New England Journal of Medicine, 2013, 369, 2262-2263.	27.0	62
123	Normoxic ventilation during resuscitation and outcome from asphyxial cardiac arrest in rats. Resuscitation, 1999, 42, 221-229.	3.0	61
124	Cerebral oximetry in out-of-hospital cardiac arrest: standard CPR rarely provides detectable hemoglobinâ€"oxygen saturation to the frontal cortex. Resuscitation, 2004, 63, 189-194.	3.0	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). International Emergency Nursing, 2009, 17, 203-225.	1.5	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. Resuscitation, 2017, 117, 24-31.	3.0	61

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127	Renal dysfunction is common following resuscitation from out-of-hospital cardiac arrest. Resuscitation, 2013, 84, 1371-1374.	3.0	60
128	Variation in Survival After Out-of-Hospital Cardiac Arrest Between Emergency Medical Services Agencies. JAMA Cardiology, 2018, 3, 989.	6.1	60
129	Continuous neuromuscular blockade is associated with decreased mortality in post-cardiac arrest patients. Resuscitation, 2013, 84, 1728-1733.	3.0	59
130	Vasopressin administered with epinephrine is associated with a return of a pulse in out-of-hospital cardiac arrest. Resuscitation, 2004, 63, 277-282.	3.0	57
131	Cognitive function following treadmill exercise in thermal protective clothing. European Journal of Applied Physiology, 2012, 112, 1733-1740.	2.5	57
132	Epinephrine for cardiac arrest. Current Opinion in Cardiology, 2013, 28, 36-42.	1.8	57
133	ILCOR Scientific Knowledge Gaps and Clinical Research Priorities for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care: A Consensus Statement. Circulation, 2018, 137, e802-e819.	1.6	57
134	Geldanamycin Provides Posttreatment Protection Against Glutamate-Induced Oxidative Toxicity in a Mouse Hippocampal Cell Line. Journal of Neurochemistry, 1999, 72, 95-101.	3.9	56
135	Association between clinical examination and outcome after cardiac arrest. Resuscitation, 2010, 81, 1128-1132.	3.0	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. Academic Emergency Medicine, 2012, 19, 949-958.	1.8	56
137	Combining NSE and S100B with clinical examination findings to predict survival after resuscitation from cardiac arrest. Resuscitation, 2014, 85, 1025-1029.	3.0	56
138	Inflammatory markers following resuscitation from out-of-hospital cardiac arrestâ€"A prospective multicenter observational study. Resuscitation, 2016, 103, 117-124.	3.0	56
139	Ventricular fibrillation exhibits dynamical properties and self-similarity. Resuscitation, 2000, 47, 163-173.	3.0	54
140	The International Liaison Committee on Resuscitationâ€"Review of the last 25 years and vision for the future. Resuscitation, 2017, 121, 104-116.	3.0	54
141	Part 2: Evidence Evaluation and Management of Potential or Perceived Conflicts of Interest. Circulation, 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. Resuscitation, 2018, 127, 132-146.	3.0	53
143	Tranexamic Acid During Prehospital Transport in Patients at Risk for Hemorrhage After Injury. JAMA Surgery, 2020, , .	4.3	53
144	Body temperature changes are associated with outcomes following in-hospital cardiac arrest and return of spontaneous circulation. Resuscitation, 2009, 80, 1365-1370.	3.0	52

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145	Early coronary angiography and percutaneous coronary intervention are associated with improved outcomes after out of hospital cardiac arrest. Resuscitation, 2018, 123, 15-21.	3.0	52
146	Core Temperature Cooling in Healthy Volunteers After Rapid Intravenous Infusion of Cold and Room Temperature Saline Solution. Annals of Emergency Medicine, 2008, 51, 153-159.	0.6	50
147	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.	3.0	50
148	Functional Outcomes: One Year after a Cardiac Arrest. BioMed Research International, 2015, 2015, 1-8.	1.9	50
149	American Heart Association Response to the 2015 Institute of Medicine Report on Strategies to Improve Cardiac Arrest Survival. Circulation, 2015, 132, 1049-1070.	1.6	50
150	Comparison of the Effects of Hypothermia at 33Â°C or 35Â°C after Cardiac Arrest in Rats. Academic Emergency Medicine, 2007, 14, 293-300.	1.8	48
151	Incidence of Rearrest After Return of Spontaneous Circulation in Out-of-Hospital Cardiac Arrest. Prehospital Emergency Care, 2010, 14, 413-418.	1.8	47
152	Ethical challenges in resuscitation. Intensive Care Medicine, 2018, 44, 703-716.	8.2	47
153	Pre-hospital advanced airway management for adults with out-of-hospital cardiac arrest: nationwide cohort study. BMJ: British Medical Journal, 2019, 364, l430.	2.3	47
154	Resuscitation Outcomes Consortium (ROC) PRIMED cardiac arrest trial methods. Resuscitation, 2008, 78, 179-185.	3.0	45
155	Comparison of Video Laryngoscopy and Direct Laryngoscopy in a Critical Care Transport Service. Prehospital Emergency Care, 2013, 17, 149-154.	1.8	45
156	Effect of sedation on quantitative electroencephalography after cardiac arrest. Resuscitation, 2018, 124, 132-137.	3.0	45
157	Hyponatremia in runners requiring on-site medical treatment at a single marathon. Medicine and Science in Sports and Exercise, 2002, 34, 185-189.	0.4	44
158	Long-Term Outcomes of Out-of-Hospital Cardiac Arrest Care at Regionalized Centers. Annals of Emergency Medicine, 2019, 73, 29-39.	0.6	43
159	The Resuscitation Outcomes Consortium Epistry-Trauma: Design, development, and implementation of a North American Epidemiologic Prehospital Trauma Registry. Resuscitation, 2008, 78, 170-178.	3.0	42
160	Regional variations in early and late survival after out-of-hospital cardiac arrest. Resuscitation, 2012, 83, 1343-1348.	3.0	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. Journal of Pain, 2018, 19, 430-438.	1.4	42
162	Group-Based Trajectory Modeling of Suppression Ratio After Cardiac Arrest. Neurocritical Care, 2016, 25, 415-423.	2.4	41

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163	Efficacy of different cooling technologies for therapeutic temperature management: A prospective intervention study. Resuscitation, 2018, 124, 14-20.	3.0	41
164	Phenotyping Cardiac Arrest: Bench and Bedside Characterization of Brain and Heart Injury Based on Etiology. Critical Care Medicine, 2018, 46, e508-e515.	0.9	41
165	Mobile Phone Text Messaging to Assess Symptoms After Mild Traumatic Brain Injury and Provide Self-Care Support. Journal of Head Trauma Rehabilitation, 2013, 28, 302-312.	1.7	39
166	Surrogate Consent by Family Members for Out-of-hospital Cardiac Arrest Research. Academic Emergency Medicine, 2001, 8, 851-853.	1.8	38
167	Association of delay to first intervention with return of spontaneous circulation in a swine model of cardiac arrest. Resuscitation, 2007, 73, 154-160.	3.0	38
168	Variables Associated with Successful Intubation Attempts Using Video Laryngoscopy: A Preliminary Report in a Helicopter Emergency Medical Service. Prehospital Emergency Care, 2012, 16, 293-298.	1.8	38
169	Development and validation of the Cerebral Performance Categories-Extended (CPC-E). Resuscitation, 2015, 94, 98-105.	3.0	38
170	Prognostication after cardiac arrest: Results of an international, multi-professional survey. Resuscitation, 2019, 138, 190-197.	3.0	38
171	Increased chest compression to ventilation ratio improves delivery of CPR. Resuscitation, 2007, 74, 446-452.	3.0	37
172	Part 3: Evidence Evaluation Process. Circulation, 2010, 122, S283-90.	1.6	37
173	Scaling Structure of Electrocardiographic Waveform During Prolonged Ventricular Fibrillation in Swine. PACE - Pacing and Clinical Electrophysiology, 2000, 23, 180-191.	1.2	36
174	Delayed hypothermia preferentially increases expression of brain-derived neurotrophic factor exon III in rat hippocampus after asphyxial cardiac arrest. Molecular Brain Research, 2005, 135, 21-29.	2.3	36
175	Summary of NIH Medical-Surgical Emergency Research Roundtable Held on April 30 to May 1, 2009. Annals of Emergency Medicine, 2010, 56, 522-537.	0.6	36
176	Extracorporeal Cardiopulmonary Resuscitation for Refractory Out-of-Hospital Cardiac Arrest: The State of the Evidence and Framework for Application. Canadian Journal of Cardiology, 2018, 34, 146-155.	1.7	36
177	Dexmedetomidine Reduces Shivering during Mild Hypothermia in Waking Subjects. PLoS ONE, 2015, 10, e0129709.	2.5	35
178	Neurocognitive outcomes following successful resuscitation from cardiac arrest. Resuscitation, 2015, 90, 67-72.	3.0	35
179	Stimulant effects of 3,4-methylenedioxymethamphetamine in the nucleus accumbens of rat. European Journal of Pharmacology, 1992, 214, 45-51.	3.5	34
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