

Thomas D Rea

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

210
papers

14,903
citations

58
h-index

119
g-index

224
ext. papers

17,859
ext. citations

7.9
avg, IF

6.29
L-index

#	Paper	IF	Citations
210	Assessment of Clinical Criteria for Sepsis: For the Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 762-74	27.4	1800
209	Epidemiology of Covid-19 in a Long-Term Care Facility in King County, Washington. <i>New England Journal of Medicine</i> , 2020 , 382, 2005-2011	59.2	823
208	Part 5: Adult Basic Life Support and Cardiopulmonary Resuscitation Quality: 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2015 , 132, S414-35	16.7	601
207	Incidence of EMS-treated out-of-hospital cardiac arrest in Europe. <i>Resuscitation</i> , 2005 , 67, 75-80	4	578
206	Cardiac arrest and cardiopulmonary resuscitation outcome reports: update of the Utstein Resuscitation Registry Templates for Out-of-Hospital Cardiac Arrest: a statement for healthcare professionals from a task force of the International Liaison Committee on Resuscitation (American Heart Association, European Resuscitation Council, Intensive Care Society, Japanese Resuscitation Society, Resuscitation Council of Australia, Resuscitation Council of South Africa, Resuscitation Council of the United Kingdom, Resuscitation Council of New Zealand, Resuscitation Council of Singapore, Resuscitation Council of Thailand, Resuscitation Council of the Philippines, Resuscitation Council of India, Resuscitation Council of the Middle East, Resuscitation Council of the Arab World, Resuscitation Council of the Islamic Republic of Iran, Resuscitation Council of the Islamic Republic of Pakistan, Resuscitation Council of the Islamic Republic of Turkey, Resuscitation Council of the Islamic Republic of Afghanistan, Resuscitation Council of the Islamic Republic of Iraq, Resuscitation Council of the Islamic Republic of Mauritania, Resuscitation Council of the Islamic Republic of Mali, Resuscitation Council of the Islamic Republic of Niger, Resuscitation Council of the Islamic Republic of Chad, Resuscitation Council of the Islamic Republic of Sudan, Resuscitation Council of the Islamic Republic of Somalia, Resuscitation Council of the Islamic Republic of Djibouti, Resuscitation Council of the Islamic Republic of Comoros, Resuscitation Council of the Islamic Republic of Madagascar, Resuscitation Council of the Islamic Republic of Mauritius, Resuscitation Council of the Islamic Republic of Seychelles, Resuscitation Council of the Islamic Republic of Zanzibar, Resuscitation Council of the Islamic Republic of the Maldives, Resuscitation Council of the Islamic Republic of the Bahamas, Resuscitation Council of the Islamic Republic of the Cayman Islands, Resuscitation Council of the Islamic Republic of the Turks and Caicos Islands, Resuscitation Council of the Islamic Republic of the Virgin Islands, Resuscitation Council of the Islamic Republic of the British Virgin Islands, Resuscitation Council of the Islamic Republic of the United States Virgin Islands, Resuscitation Council of the Islamic Republic of the Northern Mariana Islands, Resuscitation Council of the Islamic Republic of the Marshall Islands, Resuscitation Council of the Islamic Republic of the Federated States of Micronesia, Resuscitation Council of the Islamic Republic of the Republic of the Marshall Islands, Resuscitation Council of the Islamic Republic of the Republic of the Federated States of Micronesia, Resuscitation Council of the Islamic Republic of the Republic of the Marshall Islands, Resuscitation Council of the Islamic Republic of the Republic of the Federated States of Micronesia)	16.7	472
205	Effect of prehospital induction of mild hypothermia on survival and neurological status among adults with cardiac arrest: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 45-52	27.4	383
204	Incidence of EMS-treated out-of-hospital cardiac arrest in the United States. <i>Resuscitation</i> , 2004 , 63, 17-24	4	380
203	Survival after application of automatic external defibrillators before arrival of the emergency medical system: evaluation in the resuscitation outcomes consortium population of 21 million. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1713-20	15.1	358
202	Dispatcher-assisted cardiopulmonary resuscitation and survival in cardiac arrest. <i>Circulation</i> , 2001 , 104, 2513-6	16.7	306
201	Out-of-hospital cardiac arrest survival improving over time: Results from the Resuscitation Outcomes Consortium (ROC). <i>Resuscitation</i> , 2015 , 91, 108-15	4	296
200	Manual chest compression vs use of an automated chest compression device during resuscitation following out-of-hospital cardiac arrest: a randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2006 , 295, 2620-8	27.4	247
199	Severe sepsis in pre-hospital emergency care: analysis of incidence, care, and outcome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 1264-71	10.2	228
198	Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2016 , 374, 1711-22	59.2	225
197	Statin use and the risk of incident dementia: the Cardiovascular Health Study. <i>Archives of Neurology</i> , 2005 , 62, 1047-51		214
196	Temporal trends in sudden cardiac arrest: a 25-year emergency medical services perspective. <i>Circulation</i> , 2003 , 107, 2780-5	16.7	212
195	Increasing use of cardiopulmonary resuscitation during out-of-hospital ventricular fibrillation arrest: survival implications of guideline changes. <i>Circulation</i> , 2006 , 114, 2760-5	16.7	208
194	Rationale, development and implementation of the Resuscitation Outcomes Consortium Epistry-Cardiac Arrest. <i>Resuscitation</i> , 2008 , 78, 161-9	4	205

193	Ventricular tachyarrhythmias after cardiac arrest in public versus at home. <i>New England Journal of Medicine</i> , 2011 , 364, 313-21	59.2	201
192	CPR with chest compression alone or with rescue breathing. <i>New England Journal of Medicine</i> , 2010 , 363, 423-33	59.2	197
191	Early versus later rhythm analysis in patients with out-of-hospital cardiac arrest. <i>New England Journal of Medicine</i> , 2011 , 365, 787-97	59.2	185
190	Trial of Continuous or Interrupted Chest Compressions during CPR. <i>New England Journal of Medicine</i> , 2015 , 373, 2203-14	59.2	173
189	Diabetes, glucose level, and risk of sudden cardiac death. <i>European Heart Journal</i> , 2005 , 26, 2142-7	9.5	167
188	Predicting survival after out-of-hospital cardiac arrest: role of the Utstein data elements. <i>Annals of Emergency Medicine</i> , 2010 , 55, 249-57	2.1	159
187	Out-of-hospital cardiac arrest: current concepts. <i>Lancet, The</i> , 2018 , 391, 970-979	40	148
186	A trial of an impedance threshold device in out-of-hospital cardiac arrest. <i>New England Journal of Medicine</i> , 2011 , 365, 798-806	59.2	148
185	Plasma phospholipid trans fatty acids, fatal ischemic heart disease, and sudden cardiac death in older adults: the cardiovascular health study. <i>Circulation</i> , 2006 , 114, 209-15	16.7	146
184	Cerebral Performance Category and long-term prognosis following out-of-hospital cardiac arrest. <i>Critical Care Medicine</i> , 2013 , 41, 1252-7	1.4	143
183	Factors impeding dispatcher-assisted telephone cardiopulmonary resuscitation. <i>Annals of Emergency Medicine</i> , 2003 , 42, 731-7	2.1	142
182	Genetic variations in nitric oxide synthase 1 adaptor protein are associated with sudden cardiac death in US white community-based populations. <i>Circulation</i> , 2009 , 119, 940-51	16.7	141
181	Emergency medical service dispatch cardiopulmonary resuscitation prearrival instructions to improve survival from out-of-hospital cardiac arrest: a scientific statement from the American Heart Association. <i>Circulation</i> , 2012 , 125, 648-55	16.7	138
180	A multisite assessment of the American College of Surgeons Committee on Trauma field triage decision scheme for identifying seriously injured children and adults. <i>Journal of the American College of Surgeons</i> , 2011 , 213, 709-21	4.4	137
179	Incidence of out-of-hospital cardiac arrest. <i>American Journal of Cardiology</i> , 2004 , 93, 1455-60	3	132
178	Smoking status and risk for recurrent coronary events after myocardial infarction. <i>Annals of Internal Medicine</i> , 2002 , 137, 494-500	8	132
177	Long-term prognosis following resuscitation from out of hospital cardiac arrest: role of percutaneous coronary intervention and therapeutic hypothermia. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 21-7	15.1	131
176	Early coronary angiography and induced hypothermia are associated with survival and functional recovery after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2014 , 85, 657-63	4	128

175	Dispatcher-assisted cardiopulmonary resuscitation: risks for patients not in cardiac arrest. <i>Circulation</i> , 2010 , 121, 91-7	16.7	117
174	Endotracheal intubation versus supraglottic airway insertion in out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2012 , 83, 1061-6	4	110
173	Prediction of critical illness during out-of-hospital emergency care. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 747-54	27.4	110
172	Public access defibrillation in out-of-hospital cardiac arrest: a community-based study. <i>Circulation</i> , 2004 , 109, 1859-63	16.7	105
171	Increasing cardiopulmonary resuscitation provision in communities with low bystander cardiopulmonary resuscitation rates: a science advisory from the American Heart Association for healthcare providers, policymakers, public health departments, and community leaders. <i>Circulation</i> , 2013 , 127, 1342-50	16.7	104
170	Reliability of the Cerebral Performance Category to classify neurological status among survivors of ventricular fibrillation arrest: a cohort study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2011 , 19, 38	3.6	98
169	Beta2-adrenergic receptor genetic variants and risk of sudden cardiac death. <i>Circulation</i> , 2006 , 113, 1842-6	16.7	98
168	Is epinephrine during cardiac arrest associated with worse outcomes in resuscitated patients?. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 2360-7	15.1	94
167	Out-of-hospital cardiac arrest frequency and survival: evidence for temporal variability. <i>Resuscitation</i> , 2010 , 81, 175-81	4	83
166	Time to Epinephrine Administration and Survival From Nonshockable Out-of-Hospital Cardiac Arrest Among Children and Adults. <i>Circulation</i> , 2018 , 137, 2032-2040	16.7	78
165	Temporal patterns in long-term survival after resuscitation from out-of-hospital cardiac arrest. <i>Circulation</i> , 2003 , 108, 1196-201	16.7	73
164	Body mass index and the risk of recurrent coronary events following acute myocardial infarction. <i>American Journal of Cardiology</i> , 2001 , 88, 467-72	3	70
163	2017 American Heart Association Focused Update on Adult Basic Life Support and Cardiopulmonary Resuscitation Quality: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2018 , 137, e7-e13	16.7	69
162	Impact of Bystander Automated External Defibrillator Use on Survival and Functional Outcomes in Shockable Observed Public Cardiac Arrests. <i>Circulation</i> , 2018 , 137, 2104-2113	16.7	68
161	Defibrillation waveform and post-shock rhythm in out-of-hospital ventricular fibrillation cardiac arrest. <i>Resuscitation</i> , 2003 , 59, 189-96	4	68
160	Automated external defibrillators: to what extent does the algorithm delay CPR?. <i>Annals of Emergency Medicine</i> , 2005 , 46, 132-41	2.1	68
159	A quantitative analysis of out-of-hospital pediatric and adolescent resuscitation quality--A report from the ROC epistry-cardiac arrest. <i>Resuscitation</i> , 2015 , 93, 150-7	4	65
158	Impact of Regionalization of ST-Segment-Elevation Myocardial Infarction Care on Treatment Times and Outcomes for Emergency Medical Services-Transported Patients Presenting to Hospitals With Percutaneous Coronary Intervention: Mission: Lifeline Accelerator-2. <i>Circulation</i> , 2018 , 137, 376-387	16.7	65

157	Community approaches to improve resuscitation after out-of-hospital sudden cardiac arrest. <i>Circulation</i> , 2010 , 121, 1134-40	16.7	64
156	Type 2 diabetes mellitus and the risk of sudden cardiac arrest in the community. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2010 , 11, 53-9	10.5	64
155	Survival associated with two sets of diagnostic criteria for congestive heart failure. <i>American Journal of Epidemiology</i> , 2004 , 160, 628-35	3.8	62
154	Increasing hospital volume is not associated with improved survival in out of hospital cardiac arrest of cardiac etiology. <i>Resuscitation</i> , 2012 , 83, 862-8	4	59
153	Age-related differences in breast cancer treatment. <i>Annals of Surgical Oncology</i> , 1994 , 1, 45-52	3.1	59
152	Three-phase model of cardiac arrest: time-dependent benefit of bystander cardiopulmonary resuscitation. <i>American Journal of Cardiology</i> , 2006 , 98, 497-9	3	58
151	Impact of changes in resuscitation practice on survival and neurological outcome after out-of-hospital cardiac arrest resulting from nonshockable arrhythmias. <i>Circulation</i> , 2012 , 125, 1787-94	16.7	56
150	The process of prehospital airway management: challenges and solutions during paramedic endotracheal intubation. <i>Critical Care Medicine</i> , 2014 , 42, 1372-8	1.4	52
149	The relationship between shocks and survival in out-of-hospital cardiac arrest patients initially found in PEA or asystole. <i>Resuscitation</i> , 2007 , 74, 418-26	4	52
148	Socioeconomic indicators and the risk of acute coronary heart disease events: comparison of population-based data from the United States and Finland. <i>Annals of Epidemiology</i> , 2011 , 21, 572-9	6.4	51
147	Long-term prognosis following resuscitation from out-of-hospital cardiac arrest: role of aetiology and presenting arrest rhythm. <i>Resuscitation</i> , 2012 , 83, 1001-5	4	49
146	Chest compression alone cardiopulmonary resuscitation is associated with better long-term survival compared with standard cardiopulmonary resuscitation. <i>Circulation</i> , 2013 , 127, 435-41	16.7	48
145	Genome-wide association study identifies GPC5 as a novel genetic locus protective against sudden cardiac arrest. <i>PLoS ONE</i> , 2010 , 5, e9879	3.7	48
144	The relationship between time to arrival of emergency medical services (EMS) and survival from out-of-hospital ventricular fibrillation cardiac arrest. <i>Resuscitation</i> , 2010 , 81, 622-5	4	46
143	Congestive heart failure incidence and prognosis: case identification using central adjudication versus hospital discharge diagnoses. <i>Annals of Epidemiology</i> , 2006 , 16, 115-22	6.4	46
142	Prevalence of COVID-19 in Out-of-Hospital Cardiac Arrest: Implications for Bystander Cardiopulmonary Resuscitation. <i>Circulation</i> , 2020 , 142, 507-509	16.7	42
141	The epidemiology and outcome of prehospital respiratory distress. <i>Academic Emergency Medicine</i> , 2014 , 21, 543-50	3.4	42
140	Improving bystander cardiopulmonary resuscitation. <i>Current Opinion in Critical Care</i> , 2011 , 17, 219-24	3.5	41

139	A population-based investigation of public access defibrillation: role of emergency medical services care. <i>Resuscitation</i> , 2010 , 81, 163-7	4	41
138	Genetic variants of coagulation factor XIII, postmenopausal estrogen therapy, and risk of nonfatal myocardial infarction. <i>Blood</i> , 2003 , 102, 25-30	2.2	41
137	Clinical Characteristics of Patients With Coronavirus Disease 2019 (COVID-19) Receiving Emergency Medical Services in King County, Washington. <i>JAMA Network Open</i> , 2020 , 3, e2014549	10.4	40
136	Association of Intra-arrest Transport vs Continued On-Scene Resuscitation With Survival to Hospital Discharge Among Patients With Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1058-1067	27.4	40
135	Physiologic field triage criteria for identifying seriously injured older adults. <i>Prehospital Emergency Care</i> , 2014 , 18, 461-70	2.8	39
134	A link between emergency dispatch and public access AEDs: potential implications for early defibrillation. <i>Resuscitation</i> , 2011 , 82, 995-8	4	38
133	Withholding resuscitation: a new approach to prehospital end-of-life decisions. <i>Annals of Internal Medicine</i> , 2006 , 144, 634-40	8	38
132	American Heart Association Response to the 2015 Institute of Medicine Report on Strategies to Improve Cardiac Arrest Survival. <i>Circulation</i> , 2015 , 132, 1049-70	16.7	37
131	Hemostasis, inflammation, and fatal and nonfatal coronary heart disease: long-term follow-up of the atherosclerosis risk in communities (ARIC) cohort. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 2182-90	9.4	37
130	Bystander CPR in out-of-hospital cardiac arrest: the role of limited English proficiency. <i>Resuscitation</i> , 2011 , 82, 680-4	4	37
129	Energy doses for treatment of out-of-hospital pediatric ventricular fibrillation. <i>Resuscitation</i> , 2006 , 70, 80-9	4	37
128	Time trends in the use of beta-blockers and other pharmacotherapies in older adults with congestive heart failure. <i>American Heart Journal</i> , 2004 , 148, 710-7	4.9	37
127	Agonal respirations during cardiac arrest. <i>Current Opinion in Critical Care</i> , 2005 , 11, 188-91	3.5	37
126	An emergency medical services program of alternate destination of patient care. <i>Prehospital Emergency Care</i> , 2002 , 6, 309-14	2.8	37
125	Effects of bystander CPR following out-of-hospital cardiac arrest on hospital costs and long-term survival. <i>Resuscitation</i> , 2017 , 115, 129-134	4	36
124	Post-discharge outcomes after resuscitation from out-of-hospital cardiac arrest: A ROC PRIMED substudy. <i>Resuscitation</i> , 2015 , 93, 74-81	4	36
123	Long-term outcomes following pediatric out-of-hospital cardiac arrest*. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 755-60	3	36
122	Endogenous red blood cell membrane fatty acids and sudden cardiac arrest. <i>Metabolism: Clinical and Experimental</i> , 2010 , 59, 1029-34	12.7	36

121	The incidence and significance of emesis associated with out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2007 , 74, 427-31	4	35
120	A systematic study of Epstein-Barr virus serologic assays following acute infection. <i>American Journal of Clinical Pathology</i> , 2002 , 117, 156-61	1.9	35
119	The Resuscitation Outcomes Consortium Epistry-Trauma: design, development, and implementation of a North American epidemiologic prehospital trauma registry. <i>Resuscitation</i> , 2008 , 78, 170-8	4	34
118	Training seniors in the operation of an automated external defibrillator: a randomized trial comparing two training methods. <i>Annals of Emergency Medicine</i> , 2001 , 38, 216-22	2.1	34
117	Early Identification of Patients With Out-of-Hospital Cardiac Arrest With No Chance of Survival and Consideration for Organ Donation. <i>Annals of Internal Medicine</i> , 2016 , 165, 770-778	8	32
116	Changes to DA-CPR instructions: can we reduce time to first compression and improve quality of bystander CPR?. <i>Resuscitation</i> , 2014 , 85, 1169-73	4	31
115	Red blood cell membrane alpha-linolenic acid and the risk of sudden cardiac arrest. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 534-40	12.7	31
114	Socioeconomic status and survival from out-of-hospital cardiac arrest. <i>Academic Emergency Medicine</i> , 2005 , 12, 941-7	3.4	31
113	Multistate 5-Year Initiative to Improve Care for Out-of-Hospital Cardiac Arrest: Primary Results From the HeartRescue Project. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	30
112	Course of quantitative ventricular fibrillation waveform measure and outcome following out-of-hospital cardiac arrest. <i>Heart Rhythm</i> , 2014 , 11, 230-6	6.7	30
111	Performance of chest compressions by laypersons during the Public Access Defibrillation Trial. <i>Resuscitation</i> , 2010 , 81, 293-6	4	30
110	Physician Variation in Time to Antimicrobial Treatment for Septic Patients Presenting to the Emergency Department. <i>Critical Care Medicine</i> , 2017 , 45, 1011-1018	1.4	29
109	Weight loss, muscle strength, and angiotensin-converting enzyme inhibitors in older adults with congestive heart failure or hypertension. <i>Journal of the American Geriatrics Society</i> , 2005 , 53, 1996-2000	5.6	29
108	The relationship between chest compression fraction and outcome from ventricular fibrillation arrests in prolonged resuscitations. <i>Resuscitation</i> , 2014 , 85, 879-84	4	28
107	Logarithm of the absolute correlations of the ECG waveform estimates duration of ventricular fibrillation and predicts successful defibrillation. <i>Resuscitation</i> , 2008 , 78, 346-54	4	28
106	Time to intubation and survival in prehospital cardiac arrest. <i>Prehospital Emergency Care</i> , 2004 , 8, 394-9	2.8	26
105	Survival After Intravenous Versus Intraosseous Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Shock-Refractory Cardiac Arrest. <i>Circulation</i> , 2020 , 141, 188-198	16.7	25
104	Prehospital systolic blood pressure thresholds: a community-based outcomes study. <i>Academic Emergency Medicine</i> , 2013 , 20, 597-604	3.4	25

103	Genetic variation in angiotensin-converting enzyme-related pathways associated with sudden cardiac arrest risk. <i>Heart Rhythm</i> , 2009 , 6, 1306-14	6.7	25
102	Erythrocyte very long-chain saturated fatty acids associated with lower risk of incident sudden cardiac arrest. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014 , 91, 149-53	2.8	23
101	Cardiac arrest at exercise facilities: implications for placement of automated external defibrillators. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 2102-9	15.1	23
100	Occupational exposures and programmatic response to COVID-19 pandemic: an emergency medical services experience. <i>Emergency Medicine Journal</i> , 2020 , 37, 707-713	1.5	23
99	Understanding of sepsis among emergency medical services: a survey study. <i>Journal of Emergency Medicine</i> , 2012 , 42, 666-77	1.5	21
98	Procainamide and survival in ventricular fibrillation out-of-hospital cardiac arrest. <i>Academic Emergency Medicine</i> , 2010 , 17, 617-23	3.4	21
97	Development and validation of a prehospital prediction model for acute traumatic coagulopathy. <i>Critical Care</i> , 2016 , 20, 371	10.8	20
96	Effect of prehospital induction of mild hypothermia on 3-month neurological status and 1-year survival among adults with cardiac arrest: long-term follow-up of a randomized, clinical trial. <i>Journal of the American Heart Association</i> , 2015 , 4, e001693	6	19
95	Resuscitation of residents with do not resuscitate orders in long-term care facilities. <i>Prehospital Emergency Care</i> , 2003 , 7, 303-6	2.8	19
94	Socioeconomic status and survival from ventricular fibrillation out-of-hospital cardiac arrest. <i>Annals of Epidemiology</i> , 2016 , 26, 418-423.e1	6.4	19
93	Ventricular Fibrillation Waveform Analysis During Chest Compressions to Predict Survival From Cardiac Arrest. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e006924	6.4	19
92	Adaptive rhythm sequencing: A method for dynamic rhythm classification during CPR. <i>Resuscitation</i> , 2015 , 91, 26-31	4	18
91	Ventricular fibrillation waveform measures combined with prior shock outcome predict defibrillation success during cardiopulmonary resuscitation. <i>Journal of Electrocardiology</i> , 2018 , 51, 99-106 ⁴	1.4	18
90	Emergency medical services and mortality from heart disease: a community study. <i>Annals of Emergency Medicine</i> , 2003 , 41, 494-9	2.1	18
89	Antiarrhythmic Drugs for Nonshockable-Turned-Shockable Out-of-Hospital Cardiac Arrest: The ALPS Study (Amiodarone, Lidocaine, or Placebo). <i>Circulation</i> , 2017 , 136, 2119-2131	16.7	17
88	Long-term neurologic outcomes following paediatric out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2016 , 102, 122-6	4	16
87	Improving risk classification of critical illness with biomarkers: a simulation study. <i>Journal of Critical Care</i> , 2013 , 28, 541-8	4	16
86	The relationship between chronic health conditions and outcome following out-of-hospital ventricular fibrillation cardiac arrest. <i>Resuscitation</i> , 2017 , 120, 71-76	4	16

85	Cardiopulmonary resuscitation duty cycle in out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2015 , 87, 86-90	4	16
84	Accuracy of prehospital transport time estimation. <i>Academic Emergency Medicine</i> , 2014 , 21, 9-16	3.4	16
83	Intravenous access during out-of-hospital emergency care of noninjured patients: a population-based outcome study. <i>Annals of Emergency Medicine</i> , 2012 , 59, 296-303	2.1	16
82	Time to first shock by emergency medical technicians with automated external defibrillators. <i>Prehospital Emergency Care</i> , 2002 , 6, 373-7	2.8	16
81	Short ECG segments predict defibrillation outcome using quantitative waveform measures. <i>Resuscitation</i> , 2016 , 109, 16-20	4	16
80	Deaths and high-risk trauma patients missed by standard trauma data sources. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 83, 427-437	3.3	15
79	Association between survival and early versus later rhythm analysis in out-of-hospital cardiac arrest: do agency-level factors influence outcomes?. <i>Annals of Emergency Medicine</i> , 2014 , 64, 1-8	2.1	15
78	Disaster events and the risk of sudden cardiac death: a Washington State investigation. <i>Prehospital and Disaster Medicine</i> , 2007 , 22, 313-7	0.8	15
77	Should dispatchers instruct lay bystanders to undress patients before performing CPR? A randomized simulation study. <i>Resuscitation</i> , 2013 , 84, 979-81	4	14
76	The availability and use of out-of-hospital physiologic information to identify high-risk injured children in a multisite, population-based cohort. <i>Prehospital Emergency Care</i> , 2009 , 13, 420-31	2.8	14
75	CPR during ischemia and reperfusion: a model for survival benefits. <i>Resuscitation</i> , 2008 , 77, 6-9	4	14
74	Association of beta-blocker use with mortality among patients with congestive heart failure in the Cardiovascular Health Study (CHS). <i>American Heart Journal</i> , 2005 , 150, 464-70	4.9	14
73	The acute respiratory distress syndrome after out-of-hospital cardiac arrest: Incidence, risk factors, and outcomes. <i>Resuscitation</i> , 2019 , 135, 37-44	4	14
72	EPINEPHRINE USE BY EMERGENCY MEDICAL TECHNICIANS FOR PRESUMED ANAPHYLAXIS. <i>Prehospital Emergency Care</i> , 2004 , 8, 405-410	2.8	13
71	Common variation in fatty acid metabolic genes and risk of incident sudden cardiac arrest. <i>Heart Rhythm</i> , 2014 , 11, 471-7	6.7	12
70	Common variation in fatty acid genes and resuscitation from sudden cardiac arrest. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 422-9		12
69	Digoxin therapy and the risk of primary cardiac arrest in patients with congestive heart failure: effect of mild-moderate renal impairment. <i>Journal of Clinical Epidemiology</i> , 2003 , 56, 646-50	5.7	12
68	Dispatcher assistance and automated external defibrillator performance among elders. <i>Academic Emergency Medicine</i> , 2001 , 8, 968-73	3.4	12

67	Out-of-hospital Care of Critical Drug Overdoses Involving Cardiac Arrest. <i>Academic Emergency Medicine</i> , 2004 , 11, 71-74	3.4	12
66	Association of Bystander and First-Responder Efforts and Outcomes According to Sex: Results From the North Carolina HeartRescue Statewide Quality Improvement Initiative. <i>Journal of the American Heart Association</i> , 2018 , 7, e009873	6	12
65	Causes of Chest Compression Interruptions During Out-of-Hospital Cardiac Arrest Resuscitation. <i>Journal of the American Heart Association</i> , 2020 , 9, e015599	6	11
64	Prehospital Care and Emergency Department Door-to-Antibiotic Time in Sepsis. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 1443-1450	4.7	11
63	The impact of first responder turnout and curb-to-care intervals on survival from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017 , 113, 51-55	4	10
62	Pre-hospital aspiration is associated with increased pulmonary complications. <i>Surgical Infections</i> , 2015 , 16, 159-64	2	10
61	Quality of life and prognosis among survivors of out-of-hospital cardiac arrest. <i>Current Opinion in Critical Care</i> , 2004 , 10, 218-23	3.5	10
60	Risk for Acquiring Coronavirus Disease Illness among Emergency Medical Service Personnel Exposed to Aerosol-Generating Procedures. <i>Emerging Infectious Diseases</i> , 2021 , 27, 2340-2348	10.2	10
59	An accurate method for real-time chest compression detection from the impedance signal. <i>Resuscitation</i> , 2016 , 105, 22-8	4	9
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29	Interim Guidance for Emergency Medical Services Management of Out-of-Hospital Cardiac Arrest During the COVID-19 Pandemic. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e007666	5.8	3
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27	The association of chronic health status and survival following ventricular fibrillation cardiac arrest: Investigation of a primary myocardial mechanism. <i>Resuscitation</i> , 2019 , 137, 190-196	4	2
26	Cardiac arrest: survivors or still victims?. <i>Circulation</i> , 2008 , 118, 328-30	16.7	2
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24	Occupational Exposures and Programmatic Response to COVID-19 Pandemic: An Emergency Medical Services Experience		2
23	Bystander Cardiopulmonary Resuscitation Quality: Potential for Improvements in Cardiac Arrest Resuscitation. <i>Journal of the American Heart Association</i> , 2021 , 10, e017930	6	2
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12	Incidence, Mechanism, and Outcomes of On-Plane Versus Off-Plane Cardiac Arrest in Air Travelers. <i>Journal of the American Heart Association</i> , 2021 , 10, e021360	6	1
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