

Thomas D Rea

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Version: 2024-02-21

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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

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
58	Ventricular fibrillation waveform measures and the etiology of cardiac arrest. <i>Resuscitation</i> , 2016 , 109, 71-75	4	9
57	Intentions to use an automated external defibrillator during a cardiac emergency among a group of seniors trained in its operation. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2002 , 31, 25-9	2.6	9
56	Improving response to out-of-hospital cardiac arrest: The verified responder program pilot. <i>Resuscitation</i> , 2020 , 154, 1-6	4	8
55	Rhythm profiles and survival after out-of-hospital ventricular fibrillation cardiac arrest. <i>Resuscitation</i> , 2018 , 125, 22-27	4	8
54	A Method to Detect Presence of Chest Compressions During Resuscitation Using Transthoracic Impedance. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 768-774	7.2	8
53	Effect of Out-of-Hospital Sodium Nitrite on Survival to Hospital Admission After Cardiac Arrest: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 138-145	27.4	8
52	Use of rapid sequence intubation predicts improved survival among patients intubated after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2013 , 84, 1353-8	4	7
51	Response to Letter Regarding Articles, Increasing Use of Cardiopulmonary Resuscitation During Out-of-Hospital Ventricular Fibrillation Arrest: Survival Implications of Guideline Changes and Measuring Progress in Resuscitation: It's Time for a Better Tool <i>Circulation</i> , 2007 , 116,	16.7	7
50	Emergency Medical Services and Do Not Attempt Resuscitation directives among patients with out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 158, 73-78	4	7

49	Performance of coronary angiography and intervention after out of hospital cardiac arrest. <i>Resuscitation</i> , 2018 , 133, 141-146	4	7
48	The AutoPulse Assisted Prehospital International Resuscitation (ASPIRE) trial investigators respond to inhomogeneity and temporal effects assertions. <i>American Journal of Emergency Medicine</i> , 2010 , 28, 973-6; author reply 976-8	2.9	6
47	Myocardial substrate in secondary ventricular fibrillation: insights from quantitative waveform measures. <i>Prehospital Emergency Care</i> , 2011 , 15, 388-92	2.8	6
46	Mental stress-induced ischemia and all-cause mortality in patients with coronary artery disease. <i>Circulation</i> , 2002 , 106, e183-4; author reply e183-4	16.7	6
45	Impact of Building Height and Volume on Cardiac Arrest Response Time. <i>Prehospital Emergency Care</i> , 2016 , 20, 212-9	2.8	6
44	Inclined position is associated with improved first pass success and laryngoscopic view in prehospital endotracheal intubations. <i>American Journal of Emergency Medicine</i> , 2019 , 37, 937-941	2.9	6
43	Strategy to Address Private Location Cardiac Arrest: A Public Safety Survey. <i>Prehospital Emergency Care</i> , 2018 , 22, 784-787	2.8	5
42	County-Level Effects of Prehospital Regionalization of Critically Ill Patients: A Simulation Study. <i>Critical Care Medicine</i> , 2015 , 43, 1807-15	1.4	5
41	PREVALENCE OF AUTOMATED EXTERNAL DEFIBRILLATORS AT CARDIAC ARREST HIGH-RISK SITES. <i>Prehospital Emergency Care</i> , 2004 , 8, 280-283	2.8	5
40	Web-based training for EMT continuing education. <i>Prehospital Emergency Care</i> , 2005 , 9, 333-7	2.8	5
39	Delays in recognition of the need for telephone-assisted CPR due to caller descriptions of chief complaint. <i>Resuscitation</i> , 2020 , 149, 82-86	4	4
38	Sudden cardiac arrest: a call to action from the Institute of Medicine. <i>Annals of Internal Medicine</i> , 2015 , 163, 794-5	8	4
37	Prehospital tourniquet use: An evaluation of community application and outcome. <i>Journal of Trauma and Acute Care Surgery</i> , 2021 , 90, 1040-1047	3.3	4
36	Fewer tracheal intubation attempts are associated with improved neurologically intact survival following out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 167, 289-296	4	4
35	A method to predict ventricular fibrillation shock outcome during chest compressions. <i>Computers in Biology and Medicine</i> , 2021 , 129, 104136	7	4
34	Availability and Accuracy of EMS Information about Chronic Health and Medications in Cardiac Arrest. <i>Western Journal of Emergency Medicine</i> , 2017 , 18, 864-869	3.3	3
33	Syringe Administration of Epinephrine by Emergency Medical Technicians for Anaphylaxis. <i>Prehospital Emergency Care</i> , 2018 , 22, 319-325	2.8	3
32	Measure and improve. <i>Resuscitation</i> , 2011 , 82, 645-6	4	3

31	Increasing first responder CPR during resuscitation of out-of-hospital cardiac arrest using automated external defibrillators. <i>Resuscitation</i> , 2006 , 71, 29-33	4	3
30	Electrocardiogram-based pulse prediction during cardiopulmonary resuscitation. <i>Resuscitation</i> , 2020 , 147, 104-111	4	3
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28	Merits of expanding the Utstein case definition for out of hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 158, 88-93	4	3
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
25	The influence of emergency medical technician glucometry on paramedic involvement. <i>Prehospital Emergency Care</i> , 2005 , 9, 318-21	2.8	2
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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10	Machine learning and feature engineering for predicting pulse presence during chest compressions. <i>Royal Society Open Science</i> , 2021 , 8, 210566	3.3	0
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