

Michael Donnino

List of Publications by Year in Descending Order

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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.

172
papers

9,023
citations

47
h-index

92
g-index

177
ext. papers

11,402
ext. citations

6.9
avg, IF

6.14
L-index

#	Paper	IF	Citations
172	2015 Guidelines for Cardiopulmonary Resuscitation and survival after adult and paediatric out-of-hospital cardiac arrest. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2021 , 7, 407-415	4.6	3
171	The Effect of a Single Dose of Thiamine on Oxygen Consumption in Patients Requiring Mechanical Ventilation for Acute Illness: A Phase II, Randomized, Double-Blind, Placebo-Controlled Trial 2021 , 3, e0579		
170	A Trigger and Response System for Preventing Cardiac Arrest in the ICU 2021 , 3, e0557		
169	Association Between the Oxygen Consumption: Lactate Ratio and Survival in Critically Ill Patients With Sepsis. <i>Shock</i> , 2021 , 55, 775-781	3.4	3
168	Variation in SOFA (Sequential Organ Failure Assessment) Score Performance in Different Infectious States. <i>Journal of Intensive Care Medicine</i> , 2021 , 36, 1217-1222	3.3	1
167	Comparison between Patients Hospitalized with Influenza and COVID-19 at a Tertiary Care Center. <i>Journal of General Internal Medicine</i> , 2021 , 36, 1689-1695	4	12
166	Ubiquinol (reduced coenzyme Q10) as a metabolic resuscitator in post-cardiac arrest: A randomized, double-blind, placebo-controlled trial. <i>Resuscitation</i> , 2021 , 162, 388-395	4	1
165	Thermoregulation in post-cardiac arrest patients treated with targeted temperature management. <i>Resuscitation</i> , 2021 , 162, 63-69	4	1
164	Diabetic Ketoacidosis and Dysregulation of Proglucagon Family of Molecules. <i>Current Developments in Nutrition</i> , 2021 , 5, 857-857	0.4	78
163	Performance of the APACHE II and SOFA Scores in Diabetic Ketoacidosis. <i>Journal of Intensive Care Medicine</i> , 2021 , 8850666211023718	3.3	
162	Lactate and hypotension as predictors of mortality after in-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 158, 208-214	4	5
161	Vasopressin and methylprednisolone for in-hospital cardiac arrest - Protocol for a randomized, double-blind, placebo-controlled trial. <i>Resuscitation Plus</i> , 2021 , 5, 100081	1.4	2
160	Psychophysiologic symptom relief therapy for chronic back pain: a pilot randomized controlled trial. <i>Pain Reports</i> , 2021 , 6, e959	3.5	2
159	Effect of Vasopressin and Methylprednisolone vs Placebo on Return of Spontaneous Circulation in Patients With In-Hospital Cardiac Arrest: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1586-1594	27.4	15
158	Thiamine Supplementation in Patients With Alcohol Use Disorder Presenting With Acute Critical Illness : A Nationwide Retrospective Observational Study. <i>Annals of Internal Medicine</i> , 2021 ,	8	1
157	Use of SOFA score in cardiac arrest research: A scoping review. <i>Resuscitation Plus</i> , 2020 , 4, 100040	1.4	
156	Targeted Temperature Management for Cardiac Arrest. <i>New England Journal of Medicine</i> , 2020 , 382, e109	59.2	2

155	Thiamine (vitamin B1) in septic shock: a targeted therapy. <i>Journal of Thoracic Disease</i> , 2020 , 12, S78-S83	2.6	21
154	Lidocaine versus amiodarone for pediatric in-hospital cardiac arrest: An observational study. <i>Resuscitation</i> , 2020 , 149, 191-201	4	6
153	Age-dependent trends in survival after adult in-hospital cardiac arrest. <i>Resuscitation</i> , 2020 , 151, 189-196	4	14
152	Antipsychotics and the Risk of Mortality or Cardiopulmonary Arrest in Hospitalized Adults. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 544-550	5.6	7
151	Adult Advanced Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2020 , 142, S92-S139	16.7	33
150	Part 3: Adult Basic and Advanced Life Support: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2020 , 142, S366-S468	16.7	251
149	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Health-Related Quality of Life in Sepsis 2020 , 2, e0270		1
148	Adult Advanced Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Resuscitation</i> , 2020 , 156, A80-A119	4	56
147	Trends in survival and introduction of the 2010 and 2015 guidelines for adult in-hospital cardiac arrest. <i>Resuscitation</i> , 2020 , 157, 112-120	4	6
146	Vitamin C levels amongst initial survivors of out of hospital cardiac arrest. <i>Resuscitation</i> , 2020 , 156, 190-193	4.3	5
145	Continuous Neuromuscular Blockade Following Successful Resuscitation From Cardiac Arrest: A Randomized Trial. <i>Journal of the American Heart Association</i> , 2020 , 9, e017171	6	2
144	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Organ Injury in Septic Shock: The ACTS Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 642-650	27.4	83
143	Mitochondrial dysfunction in adults after out-of-hospital cardiac arrest. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020 , 9, S138-S144	4.3	6
142	Ubiquinol (Reduced Coenzyme Q10) and Cellular Oxygen Consumption in Patients Undergoing Coronary Artery Bypass Grafting. <i>Journal of Intensive Care Medicine</i> , 2020 , 35, 797-804	3.3	1
141	Predicting Outcome After Out-of-Hospital Cardiac Arrest: Lactate, Need for Vasopressors, and Cytochrome. <i>Journal of Intensive Care Medicine</i> , 2020 , 35, 1483-1489	3.3	4
140	Pediatric Massive and Submassive Pulmonary Embolism: A Single-Center Experience. <i>Hospital Pediatrics</i> , 2020 , 10, 272-276	2.5	3
139	Cardiac arrest in the intensive care unit: An assessment of preventability. <i>Resuscitation</i> , 2019 , 145, 15-20	4	9
138	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Template for In-Hospital Cardiac Arrest: A Consensus Report From a Task Force of the International Liaison Committee on Resuscitation (American Heart Association, European Resuscitation Council, Australian and New Zealand Council on Resuscitation, Heart and Stroke Foundation of Canada, InterAmerican Heart Foundation, Resuscitation Council of Southern Africa, Resuscitation Council of Asia). <i>Circulation</i> , 2019 , 140, e746-e757	16.7	41

137	Immune checkpoint inhibition in sepsis: a Phase 1b randomized study to evaluate the safety, tolerability, pharmacokinetics, and pharmacodynamics of nivolumab. <i>Intensive Care Medicine</i> , 2019 , 45, 1360-1371	14.5	65
136	Acute respiratory compromise on hospital wards: Association between recent ICU discharge and outcome. <i>Resuscitation</i> , 2019 , 144, 40-45	4	
135	Trends in Survival After Pediatric In-Hospital Cardiac Arrest in the United States. <i>Circulation</i> , 2019 , 140, 1398-1408	16.7	36
134	Supplemental thiamine for the treatment of acute heart failure syndrome: a randomized controlled trial. <i>BMC Complementary and Alternative Medicine</i> , 2019 , 19, 96	4.7	5
133	Retrospective cohort study of hospital variation in airway management during in-hospital cardiac arrest and the association with patient survival: insights from Get With The Guidelines-Resuscitation. <i>Critical Care</i> , 2019 , 23, 158	10.8	5
132	Association Between Elevated Mean Arterial Blood Pressure and Neurologic Outcome After Resuscitation From Cardiac Arrest: Results From a Multicenter Prospective Cohort Study. <i>Critical Care Medicine</i> , 2019 , 47, 93-100	1.4	35
131	In-Hospital Cardiac Arrest: A Review. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1200-1210	2.1	24.2
130	In reply. <i>Annals of Emergency Medicine</i> , 2019 , 73, 321-322	2.1	
129	Vasopressors during adult cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2019 , 139, 106-121	4	43
128	Advanced airway management during adult cardiac arrest: A systematic review. <i>Resuscitation</i> , 2019 , 139, 133-143	4	30
127	Trends Over Time in Drug Administration During Adult In-Hospital Cardiac Arrest. <i>Critical Care Medicine</i> , 2019 , 47, 194-200	1.4	12
126	Reasons for death in patients successfully resuscitated from out-of-hospital and in-hospital cardiac arrest. <i>Resuscitation</i> , 2019 , 136, 93-99	4	57
125	Performance of the CURB-65 Score in Predicting Critical Care Interventions in Patients Admitted With Community-Acquired Pneumonia. <i>Annals of Emergency Medicine</i> , 2019 , 74, 60-68	2.1	24
124	Annual Incidence of Adult and Pediatric In-Hospital Cardiac Arrest in the United States. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12,	5.8	104
123	Hemodynamic decompensation in normotensive patients admitted to the ICU with pulmonary embolism. <i>Journal of Critical Care</i> , 2019 , 54, 105-109	4	2
122	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Template for In-Hospital Cardiac Arrest: A Consensus Report From a Task Force of the International Liaison Committee on Resuscitation (American Heart Association, European Resuscitation Council, Intensive Care Society, Japanese Resuscitation Council, Korean Council of Asia)	4	30
121	Ascorbic Acid, Corticosteroids and Thiamine in Sepsis (ACTS) protocol and statistical analysis plan: a prospective, multicentre, double-blind, randomised, placebo-controlled clinical trial. <i>BMJ Open</i> , 2019 , 9, e034406	3	5
120	Annual Incidence of Adult and Pediatric In-Hospital Cardiac Arrest in the United States. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12, e005580	5.8	69

119	Guideline removal of atropine and survival after adult in-hospital cardiac arrest with a non-shockable rhythm. <i>Resuscitation</i> , 2019 , 137, 69-77	4	2
118	2019 American Heart Association Focused Update on Advanced Cardiovascular Life Support: Use of Advanced Airways, Vasopressors, and Extracorporeal Cardiopulmonary Resuscitation During Cardiac Arrest: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2019 , 140, e881-e894	16.7	97
117	Coenzyme Q10 in acute influenza. <i>Influenza and Other Respiratory Viruses</i> , 2019 , 13, 64-70	5.6	7
116	Partial pressure of arterial carbon dioxide after resuscitation from cardiac arrest and neurological outcome: A prospective multi-center protocol-directed cohort study. <i>Resuscitation</i> , 2019 , 135, 212-220	4	26
115	Improvement in Outcomes After Cardiac Arrest and Resuscitation by Inhibition of S-Nitrosoglutathione Reductase. <i>Circulation</i> , 2019 , 139, 815-827	16.7	22
114	In-hospital cardiac arrest: are we overlooking a key distinction?. <i>Current Opinion in Critical Care</i> , 2018 , 24, 151-157	3.5	19
113	Preliminary observations in systemic oxygen consumption during targeted temperature management after cardiac arrest. <i>Resuscitation</i> , 2018 , 127, 89-94	4	6
112	Increased Heat Generation in Postcardiac Arrest Patients During Targeted Temperature Management Is Associated With Better Outcomes. <i>Critical Care Medicine</i> , 2018 , 46, 1133-1138	1.4	7
111	"Resuscitation time bias"-A unique challenge for observational cardiac arrest research. <i>Resuscitation</i> , 2018 , 125, 79-82	4	90
110	Association Between Early Hyperoxia Exposure After Resuscitation From Cardiac Arrest and Neurological Disability: Prospective Multicenter Protocol-Directed Cohort Study. <i>Circulation</i> , 2018 , 137, 2114-2124	16.7	95
109	The association between tidal volume and neurological outcome following in-hospital cardiac arrest. <i>Resuscitation</i> , 2018 , 124, 106-111	4	6
108	Neighborhood characteristics, bystander automated external defibrillator use, and patient outcomes in public out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2018 , 126, 72-79	4	18
107	Response. <i>Journal of Critical Care</i> , 2018 , 44, 467-468	4	
106	Extracorporeal cardiopulmonary resuscitation for cardiac arrest: A systematic review. <i>Resuscitation</i> , 2018 , 131, 91-100	4	121
105	The Effects of Thiamine on Breast Cancer Cells. <i>Molecules</i> , 2018 , 23,	4.8	10
104	Sodium bicarbonate on severe metabolic acidosis during prolonged cardiopulmonary resuscitation: a double-blind, randomized, placebo-controlled pilot study. <i>Journal of Thoracic Disease</i> , 2018 , 10, 2295-2302	2.6	24
103	Erythrocyte P2X receptor expression is correlated with change in haematocrit in patients admitted to the ICU with blood pathogen-positive sepsis. <i>Critical Care</i> , 2018 , 22, 181	10.8	5
102	Derivation and Internal Validation of a Mortality Prediction Tool for Initial Survivors of Pediatric In-Hospital Cardiac Arrest. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 186-195	3	12

101	Factors associated with performing urgent coronary angiography in out-of-hospital cardiac arrest patients. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, 832-839	2.7	10
100	Temporal Trends in the Use of Therapeutic Hypothermia for Out-of-Hospital Cardiac Arrest. <i>JAMA Network Open</i> , 2018 , 1, e184511	10.4	40
99	2018 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Circulation</i> , 2018 , 138, e714-e730	16.7	27
98	Association Between Time to Defibrillation and Survival in Pediatric In-Hospital Cardiac Arrest With a First Documented Shockable Rhythm. <i>JAMA Network Open</i> , 2018 , 1, e182643	10.4	13
97	2018 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Resuscitation</i> , 2018 , 133, 194-206	4	35
96	Ascorbic acid, corticosteroids, and thiamine in sepsis: a review of the biologic rationale and the present state of clinical evaluation. <i>Critical Care</i> , 2018 , 22, 283	10.8	68
95	Association Between Tracheal Intubation During Adult In-Hospital Cardiac Arrest and Survival. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 494-506	27.4	101
94	Acute Respiratory Compromise in the Emergency Department: A Description and Analysis of 3571 Events from the Get With the Guidelines-Resuscitation Registry. <i>Journal of Emergency Medicine</i> , 2017 , 52, 393-402	1.5	2
93	Characterization of mitochondrial injury after cardiac arrest (COMICA). <i>Resuscitation</i> , 2017 , 113, 56-62	4	19
92	Thiamine as a Renal Protective Agent in Septic Shock. A Secondary Analysis of a Randomized, Double-Blind, Placebo-controlled Trial. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 737-741	4.7	59
91	Response to a Letter to the Editor. <i>Journal of Critical Care</i> , 2017 , 39, 279	4	
90	Predicting in-hospital mortality for initial survivors of acute respiratory compromise (ARC) events: Development and validation of the ARC Score. <i>Resuscitation</i> , 2017 , 115, 5-10	4	6
89	Time Interval Data in a Pediatric In-Hospital Resuscitation Study-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 973-974	27.4	
88	An Emergency Department Validation of the SEP-3 Sepsis and Septic Shock Definitions and Comparison With 1992 Consensus Definitions. <i>Annals of Emergency Medicine</i> , 2017 , 70, 544-552.e5	2.1	61
87	Response to a letter to the editor. <i>Journal of Critical Care</i> , 2017 , 40, 270	4	
86	Intubation During In-Hospital Cardiac Arrest-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 2019-2020	27.4	1
85	Outcomes in variceal hemorrhage following the use of a balloon tamponade device. <i>American Journal of Emergency Medicine</i> , 2017 , 35, 1500-1502	2.9	11
84	Reasons for death in patients with sepsis and septic shock. <i>Journal of Critical Care</i> , 2017 , 38, 284-288	4	27

83	Pediatric In-Hospital Acute Respiratory Compromise: A Report From the American Heart Association's Get With the Guidelines-Resuscitation Registry. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 838-849	3	6
82	The association between physician turnover (the "July Effect") and survival after in-hospital cardiac arrest. <i>Resuscitation</i> , 2017 , 114, 133-140	4	13
81	Cardiac arrest risk standardization using administrative data compared to registry data. <i>PLoS ONE</i> , 2017 , 12, e0182864	3.7	3
80	Enhanced pyruvate dehydrogenase activity improves cardiac outcomes in a murine model of cardiac arrest. <i>PLoS ONE</i> , 2017 , 12, e0185046	3.7	14
79	Cytochrome c in patients undergoing coronary artery bypass grafting: A post hoc analysis of a randomized trial. <i>Journal of Critical Care</i> , 2017 , 42, 248-254	4	
78	Bystander automated external defibrillator use and clinical outcomes after out-of-hospital cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2017 , 120, 77-87	4	67
77	Magnitude of temperature elevation is associated with neurologic and survival outcomes in resuscitated cardiac arrest patients with postrewarming pyrexia. <i>Journal of Critical Care</i> , 2017 , 38, 78-83 ⁴		15
76	Absolute lactate value vs relative reduction as a predictor of mortality in severe sepsis and septic shock. <i>Journal of Critical Care</i> , 2017 , 37, 179-184	4	25
75	The Association Between Admission Magnesium Concentrations and Lactic Acidosis in Critical Illness. <i>Journal of Intensive Care Medicine</i> , 2016 , 31, 187-92	3.3	20
74	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	5.9	59
73	Time to Epinephrine and Survival After Pediatric In-Hospital Cardiac Arrest. <i>Survey of Anesthesiology</i> , 2016 , 60, 206-207		1
72	Acute respiratory compromise on inpatient wards in the United States: Incidence, outcomes, and factors associated with in-hospital mortality. <i>Resuscitation</i> , 2016 , 105, 123-9	4	27
71	Thiamine as an adjunctive therapy in cardiac surgery: a randomized, double-blind, placebo-controlled, phase II trial. <i>Critical Care</i> , 2016 , 20, 92	10.8	22
70	When to Stop CPR and When to Perform Rhythm Analysis: Potential Confusion Among ACLS Providers. <i>Journal of Intensive Care Medicine</i> , 2016 , 31, 537-43	3.3	3
69	Inflammatory markers following resuscitation from out-of-hospital cardiac arrest-A prospective multicenter observational study. <i>Resuscitation</i> , 2016 , 103, 117-124	4	38
68	Epinephrine Administration and Pediatric In-Hospital Cardiac Arrest--Reply. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 417	27.4	
67	Randomized, Double-Blind, Placebo-Controlled Trial of Thiamine as a Metabolic Resuscitator in Septic Shock: A Pilot Study. <i>Critical Care Medicine</i> , 2016 , 44, 360-7	1.4	177
66	The prevalence and significance of abnormal vital signs prior to in-hospital cardiac arrest. <i>Resuscitation</i> , 2016 , 98, 112-7	4	92

65	Cytochrome C in Patients with Septic Shock. <i>Shock</i> , 2016 , 45, 512-7	3.4	3
64	Pyruvate Dehydrogenase Activity Is Decreased in Emergency Department Patients With Diabetic Ketoacidosis. <i>Academic Emergency Medicine</i> , 2016 , 23, 685-9	3.4	4
63	Hospital Variation in Time to Epinephrine for Nonshockable In-Hospital Cardiac Arrest. <i>Circulation</i> , 2016 , 134, 2105-2114	16.7	27
62	Thiamine as a neuroprotective agent after cardiac arrest. <i>Resuscitation</i> , 2016 , 105, 138-44	4	29
61	Corticosteroid therapy in refractory shock following cardiac arrest: a randomized, double-blind, placebo-controlled, trial. <i>Critical Care</i> , 2016 , 20, 82	10.8	30
60	The impact of downtime on neurologic intact survival in patients with targeted temperature management after out-of-hospital cardiac arrest: National multicenter cohort study. <i>Resuscitation</i> , 2016 , 105, 203-8	4	20
59	Location of In-Hospital Cardiac Arrest in the United States-Variability in Event Rate and Outcomes. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	60
58	Association Between Tracheal Intubation During Pediatric In-Hospital Cardiac Arrest and Survival. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1786-1797	27.4	65
57	Immunocapture and microplate-based activity and quantity measurement of pyruvate dehydrogenase in human peripheral blood mononuclear cells. <i>Bioanalysis</i> , 2015 , 7, 583-92	2.1	5
56	Disease heterogeneity and risk stratification in sepsis-related occult hypoperfusion: A retrospective cohort study. <i>Journal of Critical Care</i> , 2015 , 30, 531-6	4	9
55	Pyruvate Dehydrogenase Activity and Quantity Decreases After Coronary Artery Bypass Grafting: a Prospective Observational Study. <i>Shock</i> , 2015 , 43, 250-4	3.4	17
54	Postoperative Lactate Levels and Hospital Length of Stay After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 1454-60	2.1	19
53	Part 4: Advanced life support: 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations. <i>Resuscitation</i> , 2015 , 95, e71-120	16.7	180
52	Part 7: Adult Advanced Cardiovascular Life Support: 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2015 , 132, S444-64	16.7	827
51	Part 4: Advanced Life Support: 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2015 , 132, S84-145	16.7	222
50	Estimating duration of central venous catheter at time of insertion: Clinician judgment and clinical predictors. <i>Journal of Critical Care</i> , 2015 , 30, 1299-302	4	1
49	Time to Epinephrine and Survival After Pediatric In-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 802-10	27.4	118
48	Pyruvate Dehydrogenase Activity Is Decreased in the Peripheral Blood Mononuclear Cells of Patients with Sepsis. A Prospective Observational Trial. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 1662-6	4.7	25

47	The relationship between age and outcome in out-of-hospital cardiac arrest patients. <i>Resuscitation</i> , 2015 , 94, 49-54	4	50
46	Ubiquinol (reduced Coenzyme Q10) in patients with severe sepsis or septic shock: a randomized, double-blind, placebo-controlled, pilot trial. <i>Critical Care</i> , 2015 , 19, 275	10.8	22
45	The administration of dextrose during in-hospital cardiac arrest is associated with increased mortality and neurologic morbidity. <i>Critical Care</i> , 2015 , 19, 160	10.8	21
44	Predicting Outcome With Diffusion-Weighted Imaging in Cardiac Arrest Patients Receiving Hypothermia Therapy: Multicenter Retrospective Cohort Study. <i>Critical Care Medicine</i> , 2015 , 43, 2370-7	1.4	39
43	Reply to letter: Continuous neuromuscular blockade is associated with decreased mortality in post-cardiac arrest patients--problems with the data. <i>Resuscitation</i> , 2014 , 85, e3	4	2
42	Septic shock and adequacy of early empiric antibiotics in the emergency department. <i>Journal of Emergency Medicine</i> , 2014 , 47, 601-7	1.5	18
41	Randomized controlled trial of calcitriol in severe sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 533-41	10.2	91
40	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	5.9	119
39	Neurologic outcome in comatose patients resuscitated from out-of-hospital cardiac arrest with prolonged downtime and treated with therapeutic hypothermia. <i>Resuscitation</i> , 2014 , 85, 1042-6	4	27
38	The association between a quantitative computed tomography (CT) measurement of cerebral edema and outcomes in post-cardiac arrest-a validation study. <i>Resuscitation</i> , 2014 , 85, 1348-53	4	47
37	Factors associated with the occurrence of cardiac arrest after emergency tracheal intubation in the emergency department. <i>PLoS ONE</i> , 2014 , 9, e112779	3.7	42
36	Fever after rewarming: incidence of pyrexia in postcardiac arrest patients who have undergone mild therapeutic hypothermia. <i>Journal of Intensive Care Medicine</i> , 2014 , 29, 365-9	3.3	26
35	Intravenous thiamine is associated with increased oxygen consumption in critically ill patients with preserved cardiac index. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 1597-601	4.7	8
34	The authors reply. <i>Critical Care Medicine</i> , 2014 , 42, e806	1.4	
33	Initial lactate and lactate change in post-cardiac arrest: a multicenter validation study. <i>Critical Care Medicine</i> , 2014 , 42, 1804-11	1.4	104
32	The relationship between lactate and thiamine levels in patients with diabetic ketoacidosis. <i>Journal of Critical Care</i> , 2014 , 29, 182.e5-8	4	26
31	Continuous neuromuscular blockade is associated with decreased mortality in post-cardiac arrest patients. <i>Resuscitation</i> , 2013 , 84, 1728-33	4	48
30	Etiology and therapeutic approach to elevated lactate levels. <i>Mayo Clinic Proceedings</i> , 2013 , 88, 1127-40.6.4	4	341

29	APACHE II scoring to predict outcome in post-cardiac arrest. <i>Resuscitation</i> , 2013 , 84, 651-6	4	36
28	Sublingual microcirculation is impaired in post-cardiac arrest patients. <i>Resuscitation</i> , 2013 , 84, 1717-22	4	31
27	From door to recovery: a collaborative approach to the development of a post-cardiac arrest center. <i>Critical Care Nurse</i> , 2013 , 33, 42-54	1.6	6
26	Increased plasma levels of microparticles expressing CD39 and CD133 in acute liver injury. <i>Transplantation</i> , 2013 , 95, 63-9	1.8	34
25	Prevalence and significance of lactic acidosis in diabetic ketoacidosis. <i>Journal of Critical Care</i> , 2012 , 27, 132-7	4	61
24	Pharmacokinetics of high-dose oral thiamine hydrochloride in healthy subjects. <i>BMC Clinical Pharmacology</i> , 2012 , 12, 4		66
23	Neurologic recovery after therapeutic hypothermia in patients with post-cardiac arrest myoclonus. <i>Resuscitation</i> , 2012 , 83, 265-9	4	82
22	Coenzyme Q10 levels are low and associated with increased mortality in post-cardiac arrest patients. <i>Resuscitation</i> , 2012 , 83, 991-5	4	18
21	Prevalence and characteristics of nonlactate and lactate expressors in septic shock. <i>Journal of Critical Care</i> , 2012 , 27, 344-50	4	45
20	A pilot study examining the severity and outcome of the post-cardiac arrest syndrome: a comparative analysis of two geographically distinct hospitals. <i>Circulation</i> , 2012 , 126, 1478-83	16.7	14
19	Cannabinoid hyperemesis: a case series. <i>Journal of Emergency Medicine</i> , 2011 , 40, e63-6	1.5	39
18	Coenzyme Q10 levels are low and may be associated with the inflammatory cascade in septic shock. <i>Critical Care</i> , 2011 , 15, R189	10.8	34
17	International validation of the out-of-hospital cardiac arrest score in the United States. <i>Critical Care Medicine</i> , 2011 , 39, 1670-4	1.4	30
16	Primary outcomes for resuscitation science studies: a consensus statement from the American Heart Association. <i>Circulation</i> , 2011 , 124, 2158-77	16.7	210
15	The development and implementation of cardiac arrest centers. <i>Resuscitation</i> , 2011 , 82, 974-8	4	65
14	Part 12: cardiac arrest in special situations: 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2010 , 122, S829-61	16.7	548
13	Part 9: post-cardiac arrest care: 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2010 , 122, S768-86	16.7	983
12	Thiamine deficiency in critically ill patients with sepsis. <i>Journal of Critical Care</i> , 2010 , 25, 576-81	4	141

11	Coronary artery bypass graft surgery depletes plasma thiamine levels. <i>Nutrition</i> , 2010 , 26, 133-6	4.8	41
10	Statin therapy is associated with decreased mortality in patients with infection. <i>Academic Emergency Medicine</i> , 2009 , 16, 230-4	3.4	42
9	Relative adrenal insufficiency in post-cardiac arrest shock is under-recognized. <i>Resuscitation</i> , 2008 , 76, 221-5	4	28
8	Distinctive acid-base pattern in Wernicke's encephalopathy. <i>Annals of Emergency Medicine</i> , 2007 , 50, 722-5	2.1	14
7	Myths and misconceptions of Wernicke's encephalopathy: what every emergency physician should know. <i>Annals of Emergency Medicine</i> , 2007 , 50, 715-21	2.1	157
6	Effective lactate clearance is associated with improved outcome in post-cardiac arrest patients. <i>Resuscitation</i> , 2007 , 75, 229-34	4	123
5	Performance of severity of illness scoring systems in emergency department patients with infection. <i>Academic Emergency Medicine</i> , 2007 , 14, 709-14	3.4	83
4	Occult hypoperfusion and mortality in patients with suspected infection. <i>Intensive Care Medicine</i> , 2007 , 33, 1892-9	14.5	263
3	Inadequate blood volume collected for culture: a survey of health care professionals. <i>Mayo Clinic Proceedings</i> , 2007 , 82, 1069-72	6.4	10
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1	Gastrointestinal beriberi: a previously unrecognized syndrome. <i>Annals of Internal Medicine</i> , 2004 , 141, 898-9	8	50