Robert A Berg

List of Publications by Year
in descending order

253 papers	23,289 citations	11235 73 h-index	9346 148 g-index
259 all docs	259 docs citations	259 times ranked	11930 citing authors

#	Article	IF	Citations
1	Complicated Grief, Depression and Post-Traumatic Stress Symptoms Among Bereaved Parents following their Childâ€™s Death in the Pediatric Intensive Care Unit: A Follow-Up Study. American Journal of Hospice and Palliative Medicine, 2022, 39, 228-236.	0.8	8
2	Racial Disparities in Stroke Readmissions Reduced in Hospitals With Better Nurse Staffing. Nursing Research, 2022, 71, 33-42.	0.8	6
3	Post-Traumatic Growth in Parents following Their Child's Death in a Pediatric Intensive Care Unit. Journal of Palliative Medicine, 2022, 25, 265-273.	0.6	4
4	Outcomes Associated With Early RBC Transfusion in Pediatric Severe Sepsis: A Propensity-Adjusted Multicenter Cohort Study. Shock, 2022, 57, 88-94.	1.0	4
5	2022 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19: From the Emergency Cardiovascular Care Committee and Get With The Guidelines-Resuscitation Adult and Pediatric Task Forces of the American Heart Association in Collaboration With the American Academy of Pediatrics, American Association for Respiratory Care, the Society of Critical Care Anesthesiologists, and American Society of Anesthesiologists. Circulation: Cardiovascular Quality and Outcomes, 2022, 15, .	0.9	16
6	Prevalence of Pathogenic and Potentially Pathogenic Inborn Error of Immunity Associated Variants in Children with Severe Sepsis. Journal of Clinical Immunology, 2022, 42, 350-364.	2.0	8
7	Validity Evidence for a Novel, Comprehensive Bagâ€“Mask Ventilation Assessment Tool. Journal of Pediatrics, 2022, 245, 165-171.e13.	0.9	8
8	Effect of Physiologic Point-of-Care Cardiopulmonary Resuscitation Training on Survival With Favorable Neurologic Outcome in Cardiac Arrest in Pediatric ICUs. JAMA - Journal of the American Medical Association, 2022, 327, 934.	3.8	26
9	Deviations from PRx-derived optimal blood pressure are associated with mortality after cardiac arrest. Resuscitation, 2022, , .	1.3	5
10	Near-infrared spectroscopy during cardiopulmonary resuscitation for pediatric cardiac arrest: A prospective, observational study. Resuscitation, 2022, 174, 35-41.	1.3	6
11	Assessment of Patient Health-Related Quality of Life and Functional Outcomes in Pediatric Acute Respiratory Distress Syndrome*. Pediatric Critical Care Medicine, 2022, 23, e319-e328.	0.2	7
12	Machine learning derivation of four computable 24-h pediatric sepsis phenotypes to facilitate enrollment in early personalized anti-inflammatory clinical trials. Critical Care, 2022, 26, 128.	2.5	18
13	Association of chest compression pause duration prior to E-CPR cannulation with cardiac arrest survival outcomes. Resuscitation, 2022, 177, 85-92.	1.3	4
14	A prospective observational study of video laryngoscopyâ€guided coaching in the pediatric intensive care unit. Paediatric Anaesthesia, 2022, 32, 1015-1023.	0.6	2
15	Preoperative echocardiographic parameters predict primary graft dysfunction following pediatric lung transplantation. Pediatric Transplantation, 2021, 25, e13858.	0.5	6
16	Trends over time in drug administration during pediatric in-hospital cardiac arrest in the United States. Resuscitation, 2021, 158, 243-252.	1.3	6
17	Current CPR Recommendations. , 2021, , 1-17.		0
18	Serial Neurologic Assessment in Pediatrics (SNAP): A New Tool for Bedside Neurologic Assessment of Critically Ill Children*. Pediatric Critical Care Medicine, 2021, 22, 483-495.	0.2	8

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19	Non-invasive diffuse optical neuromonitoring during cardiopulmonary resuscitation predicts return of spontaneous circulation. Scientific Reports, 2021, 11, 3828.	1.6	9
20	MLWAVE: A novel algorithm to classify primary versus secondary asphyxia-associated ventricular fibrillation. Resuscitation Plus, 2021, 5, 100052.	0.6	0
21	A randomized and blinded trial of inhaled nitric oxide in a piglet model of pediatric cardiopulmonary resuscitation. Resuscitation, 2021, 162, 274-283.	1.3	8
22	Variability in Pediatric Brain Death Determination Protocols in the United States. Neurology, 2021, 97, .	1.5	13
23	Factors Associated With Functional Impairment After Pediatric Injury. JAMA Surgery, 2021, 156, e212058.	2.2	11
24	The Effect of Epinephrine Dosing Intervals on Outcomes from Pediatric In-Hospital Cardiac Arrest. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 977-985.	2.5	12
25	Cardiopulmonary Resuscitation and Rescue Therapies. Critical Care Medicine, 2021, 49, 1375-1388.	0.4	5
26	Barriers and facilitators for in-hospital resuscitation: A prospective clinical study. Resuscitation, 2021, 164, 70-78.	1.3	11
27	Multimodal monitoring including early EEG improves stratification of brain injury severity after pediatric cardiac arrest. Resuscitation, 2021, 167, 282-288.	1.3	11
28	Improvement in Health-Related Quality of Life After Community Acquired Pediatric Septic Shock. Frontiers in Pediatrics, 2021, 9, 675374.	0.9	5
29	Adrenaline effects on cerebral physiology during cardiac arrest: More to this story. Resuscitation, 2021, 168, 216-218.	1.3	0
30	Inhaled Nitric Oxide Use and Outcomes in Critically Ill Children With a History of Prematurity. Respiratory Care, 2021, 66, 1549-1559.	0.8	0
31	Deviations from NIRS-derived optimal blood pressure are associated with worse outcomes after pediatric cardiac arrest. Resuscitation, 2021, 168, 110-118.	1.3	23
32	Pulmonary hypertension among children with in-hospital cardiac arrest: A multicenter study. Resuscitation, 2021, 168, 52-57.	1.3	4
33	Better Nurse Staffing Is Associated With Survival for Black Patients and Diminishes Racial Disparities in Survival After In-Hospital Cardiac Arrests. Medical Care, 2021, 59, 169-176.	1.1	11
34	Biomarkers for Estimating Risk of Hospital Mortality and Long-Term Quality-of-Life Morbidity After Surviving Pediatric Septic Shock: A Secondary Analysis of the Life After Pediatric Sepsis Evaluation Investigation*. Pediatric Critical Care Medicine, 2021, 22, 8-15.	0.2	20
35	Therapeutic Alliance Between Bereaved Parents and Physicians in the PICU. Pediatric Critical Care Medicine, 2021, 22, e243-e252.	0.2	13
36	Association of MRI Brain Injury With Outcome After Pediatric Out-of-Hospital Cardiac Arrest. Neurology, 2021, 96, e719-e731.	1.5	16

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37	2021 Interim Guidance to Health Care Providers for Basic and Advanced Cardiac Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e008396.	0.9	21
38	Incentive delivery timing and follow-up survey completion in a prospective cohort study of injured children: a randomized experiment comparing prepaid and postpaid incentives. BMC Medical Research Methodology, 2021, 21, 233.	1.4	2
39	Pulse oximetry plethysmography: a new approach for physiology-directed CPR?. Resuscitation, 2021, , .	1.3	1
40	Health-Related Quality of Life After Community-Acquired Septic Shock in Children With Preexisting Severe Developmental Disabilities. Pediatric Critical Care Medicine, 2021, 22, e302-e313.	0.2	10
41	Association of Duration of Hypotension With Survival After Pediatric Cardiac Arrest. Pediatric Critical Care Medicine, 2020, 21, 143-149.	0.2	17
42	Prevalence and Outcomes of Pediatric In-Hospital Cardiac Arrest Associated With Pulmonary Hypertension*. Pediatric Critical Care Medicine, 2020, 21, 305-313.	0.2	10
43	Standardising communication to improve in-hospital cardiopulmonary resuscitation. Resuscitation, 2020, 147, 73-80.	1.3	20
44	Epinephrineâ€™s effects on cerebrovascular and systemic hemodynamics during cardiopulmonary resuscitation. Critical Care, 2020, 24, 583.	2.5	33
45	Deployment of a Clinical Pathway to Improve Postcardiac Arrest Care: A Before-After Study*. Pediatric Critical Care Medicine, 2020, 21, e898-e907.	0.2	8
46	Trajectories and Risk Factors for Altered Physical and Psychosocial Health-Related Quality of Life After Pediatric Community-Acquired Septic Shock*. Pediatric Critical Care Medicine, 2020, 21, 869-878.	0.2	19
47	Inhaled Nitric Oxide Use in Pediatric Hypoxemic Respiratory Failure*. Pediatric Critical Care Medicine, 2020, 21, 708-719.	0.2	8
48	Circulating Neurofilament Light Chain Is Associated With Survival After Pediatric Cardiac Arrest*. Pediatric Critical Care Medicine, 2020, 21, 656-661.	0.2	22
49	The neurologic impact of epinephrine during cardiac arrest: Much to learn. Resuscitation, 2020, 156, 263-264.	1.3	2
50	Pediatric Resuscitation Practices During the Coronavirus Disease 2019 Pandemic. Pediatric Critical Care Medicine, 2020, 21, e651-e660.	0.2	12
51	Longitudinal Trajectories of Caregiver Distress and Family Functioning After Community-Acquired Pediatric Septic Shock. Pediatric Critical Care Medicine, 2020, 21, 787-796.	0.2	15
52	The physiologic response to rescue therapy with vasopressin versus epinephrine during experimental pediatric cardiac arrest. Resuscitation Plus, 2020, 4, 100050.	0.6	7
53	Structured Chart Review: Assessment of a Structured Chart Review Methodology. Hospital Pediatrics, 2020, 10, 61-69.	0.6	10
54	Factors affecting the course of resuscitation from cardiac arrest with pulseless electrical activity in children and adolescents. Resuscitation, 2020, 152, 116-122.	1.3	6

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55	A pragmatic randomized trial of cardiopulmonary resuscitation training for families of cardiac patients before hospital discharge using a mobile application. Resuscitation, 2020, 152, 28-35.	1.3	8
56	Pediatric cardiopulmonary resuscitation quality during intra-hospital transport. Resuscitation, 2020, 152, 123-130.	1.3	9
57	Improved survival to hospital discharge in pediatric in-hospital cardiac arrest using 2â€¯Joules/kilogram as first defibrillation dose for initial pulseless ventricular arrhythmia. Resuscitation, 2020, 153, 88-96.	1.3	12
58	Reply to comment on update of in-hospital Utstein guidelines. Resuscitation, 2020, 149, 244.	1.3	0
59	Development of a core outcome set for pediatric critical care outcomes research. Contemporary Clinical Trials, 2020, 91, 105968.	0.8	27
60	The impact of increased chest compression fraction on survival for out-of-hospital cardiac arrest patients with a non-shockable initial rhythm. Resuscitation, 2020, 154, 93-100.	1.3	24
61	Association between time of day and CPR quality as measured by CPR hemodynamics during pediatric in-hospital CPR. Resuscitation, 2020, 153, 209-216.	1.3	4
62	Variability in chest compression rate calculations during pediatric cardiopulmonary resuscitation. Resuscitation, 2020, 149, 127-133.	1.3	1
63	Intraosseous adrenaline for adult out-of-hospital cardiac arrest: Faster access with worse outcomes. Resuscitation, 2020, 149, 238-239.	1.3	1
64	Deviations from AHA guidelines during pediatric cardiopulmonary resuscitation are associated with decreased event survival. Resuscitation, 2020, 149, 89-99.	1.3	23
65	Critical Illness Factors Associated With Long-Term Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock*. Critical Care Medicine, 2020, 48, 319-328.	0.4	64
66	Trajectory of Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock*. Critical Care Medicine, 2020, 48, 329-337.	0.4	91
67	Code Blue During the COVID-19 Pandemic. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e006779.	0.9	43
68	Interim Guidance for Basic and Advanced Life Support in Adults, Children, and Neonates With Suspected or Confirmed COVID-19. Circulation, 2020, 141, e933-e943.	1.6	315
69	The association between early impairment in cerebral autoregulation and outcome in a pediatric swine model of cardiac arrest. Resuscitation Plus, 2020, 4, 100051.	0.6	9
70	Survival and Hemodynamics During Pediatric Cardiopulmonary Resuscitation for Bradycardia and Poor Perfusion Versus Pulseless Cardiac Arrest. Critical Care Medicine, 2020, 48, 881-889.	0.4	21
71	A Core Outcome Set for Pediatric Critical Care*. Critical Care Medicine, 2020, 48, 1819-1828.	0.4	86
72	Risk Factors for Mortality in Refractory Pediatric Septic Shock Supported with Extracorporeal Life Support. ASAIO Journal, 2020, 66, 1152-1160.	0.9	6

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73	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Template for In-Hospital Cardiac Arrest. Resuscitation, 2019, 144, 166-177.	1.3	71
74	Functional outcomes among survivors of pediatric in-hospital cardiac arrest are associated with baseline neurologic and functional status, but not with diastolic blood pressure during CPR. Resuscitation, 2019, 143, 57-65.	1.3	20
75	The association of early post-resuscitation hypotension with discharge survival following targeted temperature management for pediatric in-hospital cardiac arrest. Resuscitation, 2019, 141, 24-34.	1.3	17
76	The association of immediate post cardiac arrest diastolic hypertension and survival following pediatric cardiac arrest. Resuscitation, 2019, 141, 88-95.	1.3	15
77	Pulselessness After Initiation of Cardiopulmonary Resuscitation for Bradycardia in Hospitalized Children. Circulation, 2019, 140, 370-378.	1.6	23
78	Man and machine: can apps resuscitate medical performance?. The Lancet Child and Adolescent Health, 2019, 3, 282-283.	2.7	4
79	Key components of a community response to out-of-hospital cardiacÂarrest. Nature Reviews Cardiology, 2019, 16, 407-416.	6.1	13
80	Epidemiology of Brain Death in Pediatric Intensive Care Units in the United States. JAMA Pediatrics, 2019, 173, 469.	3.3	44
81	Hemodynamic effects of chest compression interruptions during pediatric in-hospital cardiopulmonary resuscitation. Resuscitation, 2019, 139, 1-8.	1.3	18
82	Hemodynamic-Directed Cardiopulmonary Resuscitation Improves Neurologic Outcomes and Mitochondrial Function in the Heart and Brain. Critical Care Medicine, 2019, 47, e241-e249.	0.4	52
83	A Multicenter Network Assessment of Three Inflammation Phenotypes in Pediatric Sepsis-Induced Multiple Organ Failure. Pediatric Critical Care Medicine, 2019, 20, 1137-1146.	0.2	57
84	Development of the Pediatric Extracorporeal Membrane Oxygenation Prediction Model for Risk-Adjusting Mortality*. Pediatric Critical Care Medicine, 2019, 20, 426-434.	0.2	20
85	Inter-Rater Reliability Between Critical Care Nurses Performing a Pediatric Modification to the Glasgow Coma Scale*. Pediatric Critical Care Medicine, 2019, 20, 660-666.	0.2	12
86	The Association of Hospital Rate of Delayed Epinephrine Administration With Survival to Discharge for Pediatric Nonshockable In-Hospital Cardiac Arrest. Pediatric Critical Care Medicine, 2019, 20, 405-416.	0.2	10
87	Epidemiologic Trends of Adoption of Do-Not-Resuscitate Status After Pediatric In-Hospital Cardiac Arrest*. Pediatric Critical Care Medicine, 2019, 20, e432-e440.	0.2	6
88	Matched Retrospective Cohort Study of Thiamine to Treat Persistent Hyperlactatemia in Pediatric Septic Shock*. Pediatric Critical Care Medicine, 2019, 20, e452-e456.	0.2	13
89	Survival and Cardiopulmonary Resuscitation Hemodynamics Following Cardiac Arrest in Children With Surgical Compared to Medical Heart Disease. Pediatric Critical Care Medicine, 2019, 20, 1.	0.2	15
90	Ventilation Rates and Pediatric In-Hospital Cardiac Arrest Survival Outcomes*. Critical Care Medicine, 2019, 47, 1627-1636.	0.4	44

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91	Effect of Fresh vs Standard-issue Red Blood Cell Transfusions on Multiple Organ Dysfunction Syndrome in Critically Ill Pediatric Patients. JAMA - Journal of the American Medical Association, 2019, 322, 2179.	3.8	62
92	Characteristics and Outcomes of Critical Illness in Children With Feeding and Respiratory Technology Dependence. Pediatric Critical Care Medicine, 2019, 20, 417-425.	0.2	28
93	Rhythm characteristics and patterns of change during cardiopulmonary resuscitation for in-hospital paediatric cardiac arrest. Resuscitation, 2019, 135, 45-50.	1.3	9
94	A Population Pharmacokinetic Analysis to Study the Effect of Extracorporeal Membrane Oxygenation on Cefepime Disposition in Children. Pediatric Critical Care Medicine, 2019, 20, 62-70.	0.2	12
95	RBC Transfusion Practice in Pediatric Extracorporeal Membrane Oxygenation Support. Critical Care Medicine, 2018, 46, e552-e559.	0.4	40
96	Acquired infection during neonatal and pediatric extracorporeal membrane oxygenation. Perfusion (United Kingdom), 2018, 33, 472-482.	0.5	25
97	Physiology-directed cardiopulmonary resuscitation: advances in precision monitoring during cardiac arrest. Current Opinion in Critical Care, 2018, 24, 143-150.	1.6	26
98	Progressive Diaphragm Atrophy in Pediatric Acute Respiratory Failure*. Pediatric Critical Care Medicine, 2018, 19, 406-411.	0.2	65
99	Survey of Bedside Clinical Neurologic Assessments in U.S. PICUs*. Pediatric Critical Care Medicine, 2018, 19, 339-344.	0.2	11
100	Pediatric In-Hospital Cardiac Arrest Secondary to Acute Pulmonary Embolism. Critical Care Medicine, 2018, 46, e229-e234.	0.4	12
101	Association Between Diastolic Blood Pressure During Pediatric In-Hospital Cardiopulmonary Resuscitation and Survival. Circulation, 2018, 137, 1784-1795.	1.6	122
102	PICU Length of Stay: Factors Associated With Bed Utilization and Development of a Benchmarking Model. Pediatric Critical Care Medicine, 2018, 19, 196-203.	0.2	44
103	Hyperoxia and Hypocapnia During Pediatric Extracorporeal Membrane Oxygenation: Associations With Complications, Mortality, and Functional Status Among Survivors*. Pediatric Critical Care Medicine, 2018, 19, 245-253.	0.2	48
104	Improving outcomes after pediatric cardiac arrest â€“ the ICU-Resuscitation Project: study protocol for a randomized controlled trial. Trials, 2018, 19, 213.	0.7	19
105	Cerebral mitochondrial dysfunction associated with deep hypothermic circulatory arrest in neonatal swineâ€. European Journal of Cardio-thoracic Surgery, 2018, 54, 162-168.	0.6	28
106	Characterization of Pediatric In-Hospital Cardiopulmonary Resuscitation Quality Metrics Across an International Resuscitation Collaborative*. Pediatric Critical Care Medicine, 2018, 19, 421-432.	0.2	81
107	Association of Early Postresuscitation Hypotension With Survival to Discharge After Targeted Temperature Management for Pediatric Out-of-Hospital Cardiac Arrest. JAMA Pediatrics, 2018, 172, 143.	3.3	44
108	Derivation and Internal Validation of a Mortality Prediction Tool for Initial Survivors of Pediatric In-Hospital Cardiac Arrest*. Pediatric Critical Care Medicine, 2018, 19, 186-195.	0.2	14

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109	Pulmonary Vasodilator Therapy in Shock-associated Cardiac Arrest. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 905-912.	2.5	22
110	Cognitive Development One Year After Infantile Critical Pertussis*. Pediatric Critical Care Medicine, 2018, 19, 89-97.	0.2	12
111	Failure of Invasive Airway Placement on the First Attempt Is Associated With Progression to Cardiac Arrest in Pediatric Acute Respiratory Compromise*. Pediatric Critical Care Medicine, 2018, 19, 9-16.	0.2	23
112	A Dynamic Model of Rescuer Parameters for Optimizing Blood Gas Delivery during Cardiopulmonary Resuscitation. Computational and Mathematical Methods in Medicine, 2018, 2018, 1-6.	0.7	1
113	PICU Autopsies. Pediatric Critical Care Medicine, 2018, 19, 1137-1145.	0.2	4
114	Association Between Time to Defibrillation and Survival in Pediatric In-Hospital Cardiac Arrest With a First Documented Shockable Rhythm. JAMA Network Open, 2018, 1, e182643.	2.8	21
115	Predicting cardiac arrests in pediatric intensive care units. Resuscitation, 2018, 133, 25-32.	1.3	11
116	Hemolysis During Pediatric Extracorporeal Membrane Oxygenation. Pediatric Critical Care Medicine, 2018, 19, 1067-1076.	0.2	51
117	Bedside clinical neurologic assessment utilisation in paediatric cardiac intensive care units. Cardiology in the Young, 2018, 28, 1457-1462.	0.4	2
118	The present and future of cardiac arrest care: international experts reach out to caregivers and healthcare authorities. Intensive Care Medicine, 2018, 44, 823-832.	3.9	22
119	The age of blood in pediatric intensive care units (ABC PICU): study protocol for a randomized controlled trial. Trials, 2018, 19, 404.	0.7	10
120	Chest compression rates and pediatric in-hospital cardiac arrest survival outcomes. Resuscitation, 2018, 130, 159-166.	1.3	52
121	Timing and modes of death after pediatric out-of-hospital cardiac arrest resuscitation. Resuscitation, 2018, 133, 160-166.	1.3	19
122	End-tidal carbon dioxide during pediatric in-hospital cardiopulmonary resuscitation. Resuscitation, 2018, 133, 173-179.	1.3	33
123	Effect of compression waveform and resuscitation duration on blood flow and pressure in swine: One waveform does not optimally serve. Resuscitation, 2018, 131, 55-62.	1.3	8
124	Morbidity and mortality prediction in pediatric heart surgery: Physiological profiles and surgical complexity. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 620-628.e6.	0.4	39
125	Time Interval Data in a Pediatric In-Hospital Resuscitation Studyâ€"Reply. JAMA - Journal of the American Medical Association, 2017, 317, 973.	3.8	0
126	Factors Associated with Bleeding and Thrombosis in Children Receiving Extracorporeal Membrane Oxygenation. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 762-771.	2.5	264

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127	Sepsis-associated in-hospital cardiac arrest: Epidemiology, pathophysiology, and potential therapies. Journal of Critical Care, 2017, 40, 128-135.	1.0	52
128	Intensive care medicine research agenda on cardiac arrest. Intensive Care Medicine, 2017, 43, 1282-1293.	3.9	30
129	A hemodynamic-directed approach to pediatric cardiopulmonary resuscitation (HD-CPR) improves survival. Resuscitation, 2017, 111, 41-47.	1.3	65
130	A Novel Nonlinear Mathematical Model of Thoracic Wall Mechanics During Cardiopulmonary Resuscitation Based on a Porcine Model of Cardiac Arrest. Journal of Medical Systems, 2017, 41, 20.	2.2	4
131	Cardiopulmonary Resuscitation in Pediatric and Cardiac Intensive Care Units. Pediatric Clinics of North America, 2017, 64, 961-972.	0.9	11
132	Pediatric In-Hospital Cardiac Arrest and Cardiopulmonary Resuscitation. Current Pediatrics Reports, 2017, 5, 204-212.	1.7	0
133	Response to letter to the editor: Sepsis-associated in-hospital cardiac arrest. Journal of Critical Care, 2017, 40, 291.	1.0	0
134	Association of Bystander Cardiopulmonary Resuscitation With Overall and Neurologically Favorable Survival After Pediatric Out-of-Hospital Cardiac Arrest in the United States. JAMA Pediatrics, 2017, 171, 133.	3.3	121
135	Survival Rates Following Pediatric In-Hospital Cardiac Arrests During Nights and Weekends. JAMA Pediatrics, 2017, 171, 39.	3.3	74
136	Interaction Between 2 Nutraceutical Treatments and Host Immune Status in the Pediatric Critical Illness Stress-Induced Immune Suppression Comparative Effectiveness Trial. Journal of Parenteral and Enteral Nutrition, 2017, 41, 1325-1335.	1.3	9
137	The association of layperson characteristics with the quality of simulated cardiopulmonary resuscitation performance. World Journal of Emergency Medicine, 2017, 8, 12.	0.5	13
138	Early Electroencephalographic Background Features Predict Outcomes in Children Resuscitated From Cardiac Arrest*. Pediatric Critical Care Medicine, 2016, 17, 547-557.	0.2	78
139	Impact of an <scp>ICU EEG</scp> monitoring pathway on timeliness of therapeutic intervention and electrographic seizure termination. Epilepsia, 2016, 57, 786-795.	2.6	46
140	Increased platelet mitochondrial respiration after cardiac arrest and resuscitation as a potential peripheral biosignature of cerebral bioenergetic dysfunction. Journal of Bioenergetics and Biomembranes, 2016, 48, 269-279.	1.0	12
141	Neurologic outcome after cardiac arrest: What you see at hospital discharge may or may not be what you get. Resuscitation, 2016, 102, A1-A2.	1.3	1
142	Circulating markers of endothelial and alveolar epithelial dysfunction are associated with mortality in pediatric acute respiratory distress syndrome. Intensive Care Medicine, 2016, 42, 1137-1145.	3.9	56
143	A quantitative comparison of physiologic indicators of cardiopulmonary resuscitation quality: Diastolic blood pressure versus end-tidal carbon dioxide. Resuscitation, 2016, 104, 6-11.	1.3	49
144	Location of Inâ€Hospital Cardiac Arrest in the United Statesâ€"Variability in Event Rate and Outcomes. Journal of the American Heart Association, 2016, 5, .	1.6	103

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145	Association Between Therapeutic Hypothermia and Survival After In-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2016, 316, 1375.	3.8	119
146	Association Between Tracheal Intubation During Pediatric In-Hospital Cardiac Arrest and Survival. JAMA - Journal of the American Medical Association, 2016, 316, 1786.	3.8	127
147	Can teaching hospitals provide superior care?. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 123-124.	0.7	0
148	Quantitative analysis of duty cycle in pediatric and adolescent in-hospital cardiac arrest. Resuscitation, 2016, 106, 65-69.	1.3	5
149	Physiologic monitoring of CPR quality during adult cardiac arrest: A propensity-matched cohort study. Resuscitation, 2016, 106, 76-82.	1.3	77
150	Video-Only Cardiopulmonary Resuscitation Education for High-Risk Families Before Hospital Discharge. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, 740-748.	0.9	37
151	Incidence and Outcomes of Cardiopulmonary Resuscitation in PICUs. Critical Care Medicine, 2016, 44, 798-808.	0.4	165
152	Blood Pressureâ€“ and Coronary Perfusion Pressureâ€“Targeted Cardiopulmonary Resuscitation Improves 24-Hour Survival From Ventricular Fibrillation Cardiac Arrest. Critical Care Medicine, 2016, 44, e1111-e1117.	0.4	64
153	The authors reply. Critical Care Medicine, 2016, 44, e762-e764.	0.4	0
154	The Pediatric Risk of Mortality Score. Pediatric Critical Care Medicine, 2016, 17, 2-9.	0.2	186
155	Extracorporeal Cardiopulmonary Resuscitation (E-CPR) During Pediatric In-Hospital Cardiopulmonary Arrest Is Associated With Improved Survival to Discharge. Circulation, 2016, 133, 165-176.	1.6	179
156	Association Between Hospital Process Composite Performance and Patient Outcomes After In-Hospital Cardiac Arrest Care. JAMA Cardiology, 2016, 1, 37.	3.0	56
157	A pragmatic checklist to identify pediatric ICU patients at risk for cardiac arrest or code bell activation. Resuscitation, 2016, 99, 33-37.	1.3	19
158	Whole body periodic acceleration (pGz) preserves heart rate variability after cardiac arrest. Resuscitation, 2016, 99, 20-25.	1.3	5
159	Effect of gender on outcome of out of hospital cardiac arrest in the Resuscitation Outcomes Consortium. Resuscitation, 2016, 100, 76-81.	1.3	79
160	Meaning making during parentâ€“physician bereavement meetings after a childâ€™s death.. Health Psychology, 2015, 34, 453-461.	1.3	38
161	Mathematical Modeling of Cardiopulmonary Resuscitation. , 2015, , .		1
162	Volume infusion cooling increases end-tidal carbon dioxide and results in faster and deeper cooling during intra-cardiopulmonary resuscitation hypothermia induction. Intensive Care Medicine Experimental, 2015, 3, 37.	0.9	2

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163	Blood Pressure Directed Booster Trainings Improve Intensive Care Unit Provider Retention of Excellent Cardiopulmonary Resuscitation Skills. Pediatric Emergency Care, 2015, 31, 743-747.	0.5	14
164	Simultaneous Prediction of New Morbidity, Mortality, and Survival Without New Morbidity From Pediatric Intensive Care. Critical Care Medicine, 2015, 43, 1699-1709.	0.4	177
165	Early Head CT Findings Are Associated With Outcomes After Pediatric Out-of-Hospital Cardiac Arrest*. Pediatric Critical Care Medicine, 2015, 16, 542-548.	0.2	41
166	Virtualization of open-source secure web services to support data exchange in a pediatric critical care research network. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1271-1276.	2.2	8
167	Developing a kinematic understanding of chest compressions: the impact of depth and release time on blood flow during cardiopulmonary resuscitation. BioMedical Engineering OnLine, 2015, 14, 102.	1.3	12
168	Part 3: Adult basic life support and automated external defibrillation. Resuscitation, 2015, 95, e43-e69.	1.3	188
169	Electrographic status epilepticus and neurobehavioral outcomes in critically ill children. Epilepsy and Behavior, 2015, 49, 238-244.	0.9	37
170	Persistently Altered Brain Mitochondrial Bioenergetics After Apparently Successful Resuscitation From Cardiac Arrest. Journal of the American Heart Association, 2015, 4, e002232.	1.6	33
171	Language Analysis as a Window to Bereaved Parentsâ€™ Emotions During a Parentâ€“Physician Bereavement Meeting. Journal of Language and Social Psychology, 2015, 34, 181-199.	1.2	9
172	A quantitative analysis of out-of-hospital pediatric and adolescent resuscitation quality â€“ A report from the ROC epistry-cardiac arrest. Resuscitation, 2015, 93, 150-157.	1.3	96
173	Can gentle chest compressions result in substantial ventilation?. Resuscitation, 2015, 92, A2-A3.	1.3	4
174	Cardiopulmonary resuscitation for in-hospital events in the emergency department: A comparison of adult and pediatric outcomes and care processes. Resuscitation, 2015, 92, 94-100.	1.3	30
175	Time on the scene and interventions are associated with improved survival in pediatric out-of-hospital cardiac arrest. Resuscitation, 2015, 94, 1-7.	1.3	61
176	Association of Left Ventricular Systolic Function and Vasopressor Support With Survival Following Pediatric Out-of-Hospital Cardiac Arrest*. Pediatric Critical Care Medicine, 2015, 16, 146-154.	0.2	46
177	Development and validation of a seizure prediction model in critically ill children. Seizure: the Journal of the British Epilepsy Association, 2015, 25, 104-111.	0.9	40
178	Time to Epinephrine and Survival After Pediatric In-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2015, 314, 802.	3.8	158
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