

# Katherine M Berg

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

3,921  
citations

218381

26  
h-index

161609

54  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3945  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	896
2	In-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 1200.	3.8	544
3	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.	1.3	264
4	Randomized, Double-Blind, Placebo-Controlled Trial of Thiamine as a Metabolic Resuscitator in Septic Shock. <i>Critical Care Medicine</i> , 2016, 44, 360-367.	0.4	239
5	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Organ Injury in Septic Shock. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 642.	3.8	169
6	Time to Epinephrine and Survival After Pediatric In-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 802.	3.8	158
7	The prevalence and significance of abnormal vital signs prior to in-hospital cardiac arrest. <i>Resuscitation</i> , 2016, 98, 112-117.	1.3	157
8	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-g3028.	3.0	156
9	Reasons for death in patients successfully resuscitated from out-of-hospital and in-hospital cardiac arrest. <i>Resuscitation</i> , 2019, 136, 93-99.	1.3	127
10	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.	2.5	118
11	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.	1.6	87
12	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.	3.0	76
13	Vasopressors during adult cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2019, 139, 106-121.	1.3	76
14	Oxygenation and ventilation targets after cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2020, 152, 107-115.	1.3	52
15	Thiamine as a neuroprotective agent after cardiac arrest. <i>Resuscitation</i> , 2016, 105, 138-144.	1.3	49
16	Advanced airway management during adult cardiac arrest: A systematic review. <i>Resuscitation</i> , 2019, 139, 133-143.	1.3	48
17	Corticosteroid therapy in refractory shock following cardiac arrest: a randomized, double-blind, placebo-controlled, trial. <i>Critical Care</i> , 2016, 20, 82.	2.5	46
18	Prognostication with point-of-care echocardiography during cardiac arrest: A systematic review. <i>Resuscitation</i> , 2020, 152, 56-68.	1.3	43

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19	The relationship between lactate and thiamine levels in patients with diabetic ketoacidosis. <i>Journal of Critical Care</i> , 2014, 29, 182.e5-182.e8.	1.0	42
20	Acute respiratory compromise on inpatient wards in the United States: Incidence, outcomes, and factors associated with in-hospital mortality. <i>Resuscitation</i> , 2016, 105, 123-129.	1.3	38
21	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, 1042-1046.	1.3	35
22	Thiamine as an adjunctive therapy in cardiac surgery: a randomized, double-blind, placebo-controlled, phase II trial. <i>Critical Care</i> , 2016, 20, 92.	2.5	34
23	Postoperative Lactate Levels and Hospital Length of Stay After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 1454-1460.	0.6	31
24	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, 203-208.	1.3	31
25	The Rapid Shallow Breathing Index as a Predictor of Failure of Noninvasive Ventilation for Patients With Acute Respiratory Failure. <i>Respiratory Care</i> , 2012, 57, 1548-1554.	0.8	31
26	Trends Over Time in Drug Administration During Adult In-Hospital Cardiac Arrest*. <i>Critical Care Medicine</i> , 2019, 47, 194-200.	0.4	29
27	In-hospital cardiac arrest in patients with coronavirus 2019. <i>Resuscitation</i> , 2021, 160, 72-78.	1.3	28
28	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.	2.5	25
29	The administration of dextrose during in-hospital cardiac arrest is associated with increased mortality and neurologic morbidity. <i>Critical Care</i> , 2015, 19, 160.	2.5	25
30	Age-dependent trends in survival after adult in-hospital cardiac arrest. <i>Resuscitation</i> , 2020, 151, 189-196.	1.3	23
31	Lactate and hypotension as predictors of mortality after in-hospital cardiac arrest. <i>Resuscitation</i> , 2021, 158, 208-214.	1.3	23
32	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.	1.3	23
33	The Effects of Thiamine on Breast Cancer Cells. <i>Molecules</i> , 2018, 23, 1464.	1.7	22
34	The association between physician turnover (the "July Effect") and survival after in-hospital cardiac arrest. <i>Resuscitation</i> , 2017, 114, 133-140.	1.3	18
35	Cardiac arrest in the intensive care unit: An assessment of preventability. <i>Resuscitation</i> , 2019, 145, 15-20.	1.3	17
36	The association between tidal volume and neurological outcome following in-hospital cardiac arrest. <i>Resuscitation</i> , 2018, 124, 106-111.	1.3	15

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37	Preliminary observations in systemic oxygen consumption during targeted temperature management after cardiac arrest. <i>Resuscitation</i> , 2018, 127, 89-94.	1.3	14
38	Continuous Neuromuscular Blockade Following Successful Resuscitation From Cardiac Arrest: A Randomized Trial. <i>Journal of the American Heart Association</i> , 2020, 9, e017171.	1.6	11
39	Acute respiratory distress syndrome after in-hospital cardiac arrest. <i>Resuscitation</i> , 2022, 177, 78-84.	1.3	11
40	Thiamine Supplementation in Patients With Alcohol Use Disorder Presenting With Acute Critical Illness. <i>Annals of Internal Medicine</i> , 2022, 175, 191-197.	2.0	10
41	Association Between the Oxygen Consumption: Lactate Ratio and Survival in Critically Ill Patients With Sepsis. <i>Shock</i> , 2021, 55, 775-781.	1.0	9
42	Cardiopulmonary resuscitation and defibrillation for cardiac arrest when patients are in the prone position: A systematic review. <i>Resuscitation Plus</i> , 2021, 8, 100186.	0.6	9
43	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.	1.3	8
44	Refractory Lactic Acidosis in Small Cell Carcinoma of the Lung. <i>Case Reports in Critical Care</i> , 2017, 2017, 1-3.	0.2	7
45	Pyruvate Dehydrogenase Activity Is Decreased in Emergency Department Patients With Diabetic Ketoacidosis. <i>Academic Emergency Medicine</i> , 2016, 23, 685-689.	0.8	6
46	When to Stop CPR and When to Perform Rhythm Analysis. <i>Journal of Intensive Care Medicine</i> , 2016, 31, 537-543.	1.3	6
47	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.	1.3	6
48	First do no harm: Echocardiography during cardiac arrest may increase pulse check duration. <i>Resuscitation</i> , 2017, 119, A2-A3.	1.3	6
49	Identification, collection, and reporting of harms among non-industry-sponsored randomized clinical trials of pharmacologic interventions in the critically ill population: a systematic review. <i>Critical Care</i> , 2020, 24, 398.	2.5	6
50	Finding a window: Timing of cardiac ultrasound acquisition during cardiac arrest. <i>Resuscitation</i> , 2018, 124, A11-A12.	1.3	3
51	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Health-Related Quality of Life in Sepsis. , 2020, 2, e0270.		3
52	Looking for CO <sub>2</sub> : Exploring the Novel Finding of Low Respiratory Quotient After Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	2
53	Targeted Temperature Management for Cardiac Arrest. <i>New England Journal of Medicine</i> , 2020, 382, e109.	13.9	2
54	Early Epinephrine Administration for Cardiac Arrest. <i>JAMA Network Open</i> , 2021, 4, e2120725.	2.8	2

#	ARTICLE	IF	CITATIONS
55	A Trigger and Response System for Preventing Cardiac Arrest in the ICU. , 2021, 3, e0557.		2
56	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.		2
57	Should we try longer? Duration of cardiopulmonary resuscitation in the Emergency Department and association with survival. Resuscitation, 2015, 96, A5-A6.	1.3	1
58	Epinephrine Administration and Pediatric In-Hospital Cardiac Arrestâ€”Reply. JAMA - Journal of the American Medical Association, 2016, 315, 417.	3.8	0
59	Acute respiratory compromise on hospital wards: Association between recent ICU discharge and outcome. Resuscitation, 2019, 144, 40-45.	1.3	0
60	Advanced cardiac life support. Current Opinion in Critical Care, 2021, Publish Ahead of Print, 637-641.	1.6	0
61	The limitations of evidence: increasing data and increasing doubt in the treatment of cardiac arrest. Current Opinion in Critical Care, 2020, 26, 617-621.	1.6	0
62	Abstract 13347: Oxygen Metabolism After Cardiac Arrest: Patterns and Association With Survival. Circulation, 2021, 144, .	1.6	0