

Mathias Johan Holmberg

List of Publications by Citations

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Version: 2024-04-10

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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.

63 papers	1,391 citations	19 h-index	36 g-index
67 ext. papers	2,277 ext. citations	6.2 avg, IF	4.93 L-index

#	Paper	IF	Citations
63	In-Hospital Cardiac Arrest: A Review. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1200-1210	27.4	242
62	Extracorporeal cardiopulmonary resuscitation for cardiac arrest: A systematic review. <i>Resuscitation</i> , 2018 , 131, 91-100	4	121
61	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
60	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Pediatric Life Support; Neonatal Life Support; Education, Implementation, and Teams; and First Aid Task Forces. <i>Circulation</i> , 2019 , 140, e826-e880	16.7	82
59	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
58	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
57	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Resuscitation</i> , 2019 , 145, 95-150	4	62
56	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
55	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
54	Vasopressors during adult cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2019 , 139, 106-121	4	43
53	Trends in Survival After Pediatric In-Hospital Cardiac Arrest in the United States. <i>Circulation</i> , 2019 , 140, 1398-1408	16.7	36
52	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
51	Thiamine in septic shock patients with alcohol use disorders: An observational pilot study. <i>Journal of Critical Care</i> , 2018 , 43, 61-64	4	32
50	Intravenous vs. intraosseous administration of drugs during cardiac arrest: A systematic review. <i>Resuscitation</i> , 2020 , 149, 150-157	4	31
49	Advanced airway management during adult cardiac arrest: A systematic review. <i>Resuscitation</i> , 2019 , 139, 133-143	4	30
48	Adult in-hospital cardiac arrest in Denmark. <i>Resuscitation</i> , 2019 , 140, 31-36	4	26
47	Oxygenation and ventilation targets after cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2020 , 152, 107-115	4	26

46	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
45	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
44	In-hospital cardiac arrest: are we overlooking a key distinction?. <i>Current Opinion in Critical Care</i> , 2018 , 24, 151-157	3.5	19
43	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
42	Targeted temperature management in adult cardiac arrest: Systematic review and meta-analysis. <i>Resuscitation</i> , 2021 , 167, 160-172	4	16
41	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
40	Age-dependent trends in survival after adult in-hospital cardiac arrest. <i>Resuscitation</i> , 2020 , 151, 189-196	4	14
39	Adult post-cardiac arrest interventions: An overview of randomized clinical trials. <i>Resuscitation</i> , 2020 , 147, 1-11	4	13
38	2021 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Neonatal Life Support; Education, Implementation, and Teams; First Aid Task Forces. <i>Resuscitation</i> , 2021 ,	4	12
37	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
36	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
35	Cost-effectiveness of public automated external defibrillators. <i>Resuscitation</i> , 2019 , 138, 250-258	4	10
34	Estimating Risk Ratios and Risk Differences: Alternatives to Odds Ratios. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1098-1099	27.4	10
33	Coenzyme Q10 in acute influenza. <i>Influenza and Other Respiratory Viruses</i> , 2019 , 13, 64-70	5.6	7
32	Lidocaine versus amiodarone for pediatric in-hospital cardiac arrest: An observational study. <i>Resuscitation</i> , 2020 , 149, 191-201	4	6
31	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
30	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
29	Epinephrine in children receiving cardiopulmonary resuscitation for bradycardia with poor perfusion. <i>Resuscitation</i> , 2020 , 149, 180-190	4	5

28	Collider Bias.. <i>JAMA - Journal of the American Medical Association</i> , 2022 ,	27.4	5
27	Drugs during cardiopulmonary resuscitation. <i>Current Opinion in Critical Care</i> , 2020 , 26, 242-250	3.5	4
26	Factors associated with shockable versus non-shockable rhythms in patients with in-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 158, 166-174	4	4
25	Infections in out-of-hospital and in-hospital post-cardiac arrest patients. <i>Internal and Emergency Medicine</i> , 2020 , 15, 701-709	3.7	3
24	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
23	Effect of Intravenous or Intraosseous Calcium vs Saline on Return of Spontaneous Circulation in Adults With Out-of-Hospital Cardiac Arrest: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 ,	27.4	3
22	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
21	Cytochrome C in Patients with Septic Shock. <i>Shock</i> , 2016 , 45, 512-7	3.4	3
20	Pulseless electrical activity vs. asystole in adult in-hospital cardiac arrest: Predictors and outcomes. <i>Resuscitation</i> , 2021 , 165, 50-57	4	3
19	Goal-directed haemodynamic therapy during general anaesthesia for noncardiac surgery: a systematic review and meta-analysis.. <i>British Journal of Anaesthesia</i> , 2021 ,	5.4	3
18	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	10.8	2
17	Vasopressin and glucocorticoids for in-hospital cardiac arrest: A systematic review and meta-analysis of individual participant data.. <i>Resuscitation</i> , 2022 , 171, 48-56	4	2
16	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
15	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
14	Trends over time in drug administration during pediatric in-hospital cardiac arrest in the United States. <i>Resuscitation</i> , 2021 , 158, 243-252	4	2
13	Age and sex differences in outcomes after in-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 165, 58-65	4	2
12	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
11	Hospital-level variation in outcomes after in-hospital cardiac arrest in Denmark. <i>Acta Anaesthesiologica Scandinavica</i> , 2021 ,	1.9	1

Rank	Study Title	Score	Quality
10	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Health-Related Quality of Life in Sepsis 2020 , 2, e0270		1
9	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
8	Thermoregulation in post-cardiac arrest patients treated with targeted temperature management. <i>Resuscitation</i> , 2021 , 162, 63-69	4	1
7	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
6	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
5	2021 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Neonatal Life Support; Education, Implementation, and Teams; First Aid Task Forces; and the COVID-19 Working Group. <i>Circulation</i> , 2021 , CIR0000000000001817	16.7	0
4	Calcium administration and post-cardiac arrest ionized calcium values according to intraosseous or intravenous administration - A post hoc analysis of a randomized trial.. <i>Resuscitation</i> , 2021 , 170, 211-212 ⁴		0
3	Age-related cognitive bias in in-hospital cardiac arrest. <i>Resuscitation</i> , 2021 , 162, 43-46	4	0
2	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	
1	Reply to: Meta-analyses of targeted temperature management in adult cardiac arrest studies - The big picture is dependent on study selection!. <i>Resuscitation</i> , 2021 ,	4	