

Lars Wiuff Andersen

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

6,146
citations

81743

39
h-index

74018

75
g-index

127
all docs

127
docs citations

127
times ranked

5700
citing authors

#	ARTICLE	IF	CITATIONS
1	In-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2019, 321, 1200.	3.8	544
2	Etiology and Therapeutic Approach to Elevated Lactate Levels. Mayo Clinic Proceedings, 2013, 88, 1127-1140.	1.4	488
3	Adult Advanced Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations. Resuscitation, 2020, 156, A80-A119.	1.3	264
4	Annual Incidence of Adult and Pediatric In-Hospital Cardiac Arrest in the United States. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, .	0.9	243
5	Part 4: Advanced life support. Resuscitation, 2015, 95, e71-e120.	1.3	234
6	Temperature Management After Cardiac Arrest. Circulation, 2015, 132, 2448-2456.	1.6	219
7	Extracorporeal cardiopulmonary resuscitation for cardiac arrest: A systematic review. Resuscitation, 2018, 131, 91-100.	1.3	198
8	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Organ Injury in Septic Shock. JAMA - Journal of the American Medical Association, 2020, 324, 642.	3.8	169
9	Time to Epinephrine and Survival After Pediatric In-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2015, 314, 802.	3.8	158
10	The prevalence and significance of abnormal vital signs prior to in-hospital cardiac arrest. Resuscitation, 2016, 98, 112-117.	1.3	157
11	Association Between Tracheal Intubation During Adult In-Hospital Cardiac Arrest and Survival. JAMA - Journal of the American Medical Association, 2017, 317, 494.	3.8	151
12	“Resuscitation time bias” A unique challenge for observational cardiac arrest research. Resuscitation, 2018, 125, 79-82.	1.3	149
13	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. Circulation, 2019, 140, e826-e880.	1.6	138
14	Initial Lactate and Lactate Change in Post-Cardiac Arrest. Critical Care Medicine, 2014, 42, 1804-1811.	0.4	128
15	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
16	Ascorbic acid, corticosteroids, and thiamine in sepsis: a review of the biologic rationale and the present state of clinical evaluation. Critical Care, 2018, 22, 283.	2.5	118
17	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Resuscitation, 2019, 145, 95-150.	1.3	110
18	Bystander automated external defibrillator use and clinical outcomes after out-of-hospital cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2017, 120, 77-87.	1.3	106

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19	Targeted temperature management in adult cardiac arrest: Systematic review and meta-analysis. Resuscitation, 2021, 167, 160-172.	1.3	90
20	ERC-ESICM guidelines on temperature control after cardiac arrest in adults. Intensive Care Medicine, 2022, 48, 261-269.	3.9	90
21	Adult Advanced Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Circulation, 2020, 142, S92-S139.	1.6	87
22	Trends in Survival After Pediatric In-Hospital Cardiac Arrest in the United States. Circulation, 2019, 140, 1398-1408.	1.6	86
23	Annual Incidence of Adult and Pediatric In-Hospital Cardiac Arrest in the United States. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, e005580.	0.9	85
24	Early administration of epinephrine (adrenaline) in patients with cardiac arrest with initial shockable rhythm in hospital: propensity score matched analysis. BMJ, The, 2016, 353, i1577.	3.0	76
25	Vasopressors during adult cardiac arrest: A systematic review and meta-analysis. Resuscitation, 2019, 139, 106-121.	1.3	76
26	Collider Bias. JAMA - Journal of the American Medical Association, 2022, 327, 1282.	3.8	76
27	Effect of Vasopressin and Methylprednisolone vs Placebo on Return of Spontaneous Circulation in Patients With In-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2021, 326, 1586.	3.8	69
28	The association between a quantitative computed tomography (CT) measurement of cerebral edema and outcomes in post-cardiac arrest—A validation study. Resuscitation, 2014, 85, 1348-1353.	1.3	66
29	The relationship between age and outcome in out-of-hospital cardiac arrest patients. Resuscitation, 2015, 94, 49-54.	1.3	64
30	Contemporary animal models of cardiac arrest: A systematic review. Resuscitation, 2017, 113, 115-123.	1.3	63
31	Factors Associated with the Occurrence of Cardiac Arrest after Emergency Tracheal Intubation in the Emergency Department. PLoS ONE, 2014, 9, e112779.	1.1	61
32	In-Hospital vs. Out-of-Hospital Cardiac Arrest: Patient Characteristics and Survival. Resuscitation, 2021, 158, 157-165.	1.3	57
33	Inflammatory markers following resuscitation from out-of-hospital cardiac arrest—A prospective multicenter observational study. Resuscitation, 2016, 103, 117-124.	1.3	56
34	Intravenous vs. intraosseous administration of drugs during cardiac arrest: A systematic review. Resuscitation, 2020, 149, 150-157.	1.3	54
35	Goal-directed haemodynamic therapy during general anaesthesia for noncardiac surgery: a systematic review and meta-analysis. British Journal of Anaesthesia, 2022, 128, 416-433.	1.5	50
36	Thiamine as a neuroprotective agent after cardiac arrest. Resuscitation, 2016, 105, 138-144.	1.3	49

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37	Advanced airway management during adult cardiac arrest: A systematic review. <i>Resuscitation</i> , 2019, 139, 133-143.	1.3	48
38	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
39	Adult in-hospital cardiac arrest in Denmark. <i>Resuscitation</i> , 2019, 140, 31-36.	1.3	45
40	Effect of Intravenous or Intraosseous Calcium vs Saline on Return of Spontaneous Circulation in Adults With Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 2268.	3.8	44
41	Reasons for death in patients with sepsis and septic shock. <i>Journal of Critical Care</i> , 2017, 38, 284-288.	1.0	40
42	Thiamine in septic shock patients with alcohol use disorders: An observational pilot study. <i>Journal of Critical Care</i> , 2018, 43, 61-64.	1.0	39
43	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
44	ERC-ESICM guidelines on temperature control after cardiac arrest in adults. <i>Resuscitation</i> , 2022, 172, 229-236.	1.3	37
45	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.	1.0	35
46	Estimating Risk Ratios and Risk Differences. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1098.	3.8	35
47	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
48	Neighborhood characteristics, bystander automated external defibrillator use, and patient outcomes in public out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2018, 126, 72-79.	1.3	33
49	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
50	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.	1.5	30
51	Trends Over Time in Drug Administration During Adult In-Hospital Cardiac Arrest*. <i>Critical Care Medicine</i> , 2019, 47, 194-200.	0.4	29
52	Characterization of mitochondrial injury after cardiac arrest (COMICA). <i>Resuscitation</i> , 2017, 113, 56-62.	1.3	26
53	Lactate Elevation During and After Major Cardiac Surgery in Adults: A Review of Etiology, Prognostic Value, and Management. <i>Anesthesia and Analgesia</i> , 2017, 125, 743-752.	1.1	26
54	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

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55	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
56	Animal models of cardiac arrest: A systematic review of bias and reporting. <i>Resuscitation</i> , 2018, 125, 16-21.	1.3	24
57	Age-dependent trends in survival after adult in-hospital cardiac arrest. <i>Resuscitation</i> , 2020, 151, 189-196.	1.3	23
58	Pyruvate Dehydrogenase Activity and Quantity Decreases After Coronary Artery Bypass Grafting. <i>Shock</i> , 2015, 43, 250-254.	1.0	21
59	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.	2.8	21
60	<p>The Danish in-hospital cardiac arrest registry (DANARREST)</p>. <i>Clinical Epidemiology</i> , 2019, Volume 11, 397-402.	1.5	21
61	Adult post-cardiac arrest interventions: An overview of randomized clinical trials. <i>Resuscitation</i> , 2020, 147, 1-11.	1.3	19
62	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
63	Cost-effectiveness of public automated external defibrillators. <i>Resuscitation</i> , 2019, 138, 250-258.	1.3	18
64	Factors associated with shockable versus non-shockable rhythms in patients with in-hospital cardiac arrest. <i>Resuscitation</i> , 2021, 158, 166-174.	1.3	18
65	Trends in survival and introduction of the 2010 and 2015 guidelines for adult in-hospital cardiac arrest. <i>Resuscitation</i> , 2020, 157, 112-120.	1.3	16
66	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.	0.2	14
67	Epinephrine in cardiac arrest " insights from observational studies. <i>Resuscitation</i> , 2018, 131, e1.	1.3	14
68	Coenzyme Q10 in acute influenza. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 64-70.	1.5	14
69	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.	1.3	14
70	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.	0.2	13
71	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.	0.8	13
72	Severity of chronic obstructive pulmonary disease and presenting rhythm in patients with out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2018, 126, 111-117.	1.3	11

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73	Epinephrine in children receiving cardiopulmonary resuscitation for bradycardia with poor perfusion. <i>Resuscitation</i> , 2020, 149, 180-190.	1.3	11
74	Socioeconomic status and in-hospital cardiac arrest: A systematic review. <i>Resuscitation Plus</i> , 2020, 3, 100016.	0.6	11
75	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
76	Lidocaine versus amiodarone for pediatric in-hospital cardiac arrest: An observational study. <i>Resuscitation</i> , 2020, 149, 191-201.	1.3	10
77	Translation from animal studies of novel pharmacological therapies to clinical trials in cardiac arrest: A systematic review. <i>Resuscitation</i> , 2021, 158, 258-269.	1.3	10
78	Age and sex differences in outcomes after in-hospital cardiac arrest. <i>Resuscitation</i> , 2021, 165, 58-65.	1.3	10
79	Effect of vasopressin and methylprednisolone vs. placebo on long-term outcomes in patients with in-hospital cardiac arrest a randomized clinical trial. <i>Resuscitation</i> , 2022, 175, 67-71.	1.3	10
80	Erythrocyte P2X1 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.	2.5	9
81	Drugs during cardiopulmonary resuscitation. <i>Current Opinion in Critical Care</i> , 2020, 26, 242-250.	1.6	9
82	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
83	Pulseless electrical activity vs. asystole in adult in-hospital cardiac arrest: Predictors and outcomes. <i>Resuscitation</i> , 2021, 165, 50-57.	1.3	8
84	Patient-important outcomes other than mortality in recent ICU trials: Protocol for a scoping review. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 1002-1007.	0.7	7
85	Cytochrome C in Patients with Septic Shock. <i>Shock</i> , 2016, 45, 512-517.	1.0	6
86	Pyruvate Dehydrogenase Activity Is Decreased in Emergency Department Patients With Diabetic Ketoacidosis. <i>Academic Emergency Medicine</i> , 2016, 23, 685-689.	0.8	6
87	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
88	Propensity scores – A brief introduction for resuscitation researchers. <i>Resuscitation</i> , 2018, 125, 66-69.	1.3	6
89	Severity of ischemic heart disease and presenting rhythm in patients with out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2018, 130, 174-181.	1.3	6
90	Pragmatic Airway Management in Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 761.	3.8	6

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91	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
92	Trends over time in drug administration during pediatric in-hospital cardiac arrest in the United States. <i>Resuscitation</i> , 2021, 158, 243-252.	1.3	6
93	Absolute vs. relative effectsâ€™ implications for subgroup analyses. <i>Trials</i> , 2021, 22, 50.	0.7	6
94	Twentyâ€™fourâ€™hour fluid administration in emergency department patients with suspected infection: A multicenter, prospective, observational study. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 1122-1142.	0.7	6
95	Cardiac Arrest in Pigs With 48â€™hours of Postâ€™Resuscitation Care Induced by 2 Methods of Myocardial Infarction: A Methodological Description. <i>Journal of the American Heart Association</i> , 2021, 10, e022679.	1.6	6
96	Vasopressin and methylprednisolone for in-hospital cardiac arrest â€™ Protocol for a randomized, double-blind, placebo-controlled trial. <i>Resuscitation Plus</i> , 2021, 5, 100081.	0.6	5
97	Hospitalâ€™level variation in outcomes after inâ€™hospital cardiac arrest in Denmark. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 273-281.	0.7	5
98	Fraction of inspired oxygen during general anesthesia for <sc>nonâ€™cardiac</sc> surgery: Systematic review and <sc>metaâ€™analysis</sc>. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 923-933.	0.7	5
99	Guideline removal of atropine and survival after adult in-hospital cardiac arrest with a non-shockable rhythm. <i>Resuscitation</i> , 2019, 137, 69-77.	1.3	3
100	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.	1.3	3
101	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Health-Related Quality of Life in Sepsis. , 2020, 2, e0270.		3
102	Calcium administration and post-cardiac arrest ionized calcium values according to intraosseous or intravenous administration â€™ A post hoc analysis of a randomized trial. <i>Resuscitation</i> , 2022, 170, 211-212.	1.3	3
103	Vasopressin and Methylprednisolone vs Placebo and Return of Spontaneous Circulation in Patients With In-Hospital Cardiac Arrestâ€™Reply. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 487.	3.8	3
104	Senicapoc treatment in <sc>COVID</sc> â€™19 Patients with Severe Respiratory Insufficiency â€™ A Randomized, <sc>Openâ€™Label</sc> , Phase <sc>II</sc> Trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, , .	0.7	3
105	Intra-cardiac arrest transport and survival from out-of-hospital cardiac arrest: A nationwide observational study. <i>Resuscitation</i> , 2022, 175, 50-56.	1.3	3
106	Estimating duration of central venous catheter at time of insertion: Clinician judgment and clinical predictors. <i>Journal of Critical Care</i> , 2015, 30, 1299-1302.	1.0	2
107	Acute Respiratory Compromise in the Emergency Department: A Description and Analysis of 3571 Events from the Get With the Guidelinesâ€™Resuscitation Å® Registry. <i>Journal of Emergency Medicine</i> , 2017, 52, 393-402.	0.3	2
108	Age-related cognitive bias in in-hospital cardiac arrest. <i>Resuscitation</i> , 2021, 162, 43-46.	1.3	2

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109	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
110	Targeted temperature management stratified by the severity of encephalopathy: do the methods justify the conclusions?. Resuscitation, 2022, 173, 189-190.	1.3	2
111	Should we try longer? Duration of cardiopulmonary resuscitation in the Emergency Department and association with survival. Resuscitation, 2015, 96, A5-A6.	1.3	1
112	Intubation During In-Hospital Cardiac Arrestâ€”Reply. JAMA - Journal of the American Medical Association, 2017, 317, 2019.	3.8	1
113	Reply to: Meta-analyses of targeted temperature management in adult cardiac arrest studies â€œ The big picture is dependent on study selection!. Resuscitation, 2021, 169, 225-226.	1.3	1
114	Reporting of academic degrees in high-impact medical journals. F1000Research, 2019, 8, 1852.	0.8	1
115	The new era of post-resuscitation care. Resuscitation, 2022, 171, 98-99.	1.3	1
116	Restrictive Fluid Administration vs. Standard of Care in Emergency Department Sepsis Patients (REFACED Sepsis)â€”protocol for a multicenter, randomized, clinical, proof-of-concept trial. Pilot and Feasibility Studies, 2022, 8, 75.	0.5	1
117	Should age be a factor for initiating post-cardiac arrest care or for temperature management strategies?. Resuscitation, 2015, 91, A1-A2.	1.3	0
118	Epinephrine Administration and Pediatric In-Hospital Cardiac Arrestâ€”Reply. JAMA - Journal of the American Medical Association, 2016, 315, 417.	3.8	0
119	Time Interval Data in a Pediatric In-Hospital Resuscitation Studyâ€”Reply. JAMA - Journal of the American Medical Association, 2017, 317, 973.	3.8	0
120	Cytochrome c in patients undergoing coronary artery bypass grafting: A post hoc analysis of a randomized trial. Journal of Critical Care, 2017, 42, 248-254.	1.0	0
121	Response. Journal of Critical Care, 2018, 44, 467-468.	1.0	0
122	Acute respiratory compromise on hospital wards: Association between recent ICU discharge and outcome. Resuscitation, 2019, 144, 40-45.	1.3	0
123	Reply to comment on update of in-hospital Utstein guidelines. Resuscitation, 2020, 149, 244.	1.3	0
124	Risk factors for disease progression after post-prostatectomy salvage radiation: Long-term results of a large institutional experience.. Journal of Clinical Oncology, 2016, 34, 110-110.	0.8	0
125	Reporting of academic degrees in high-impact medical journals. F1000Research, 0, 8, 1852.	0.8	0
126	Reporting of academic degrees in high-impact medical journals. F1000Research, 2019, 8, 1852.	0.8	0

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127	Drugs for advanced life support. Intensive Care Medicine, 2022, 48, 606.	3.9	0