Lars Wiuff Andersen

List of Publications by Citations

117 papers	3,337 citations	30 h-index	56 g-index
127 ext. papers	4,719 ext. citations	6.9 avg, IF	5.52 L-index

#	Paper	IF	Citations
117	Etiology and therapeutic approach to elevated lactate levels. *Mayo Clinic Proceedings*, **2013**, 88, 1127-40	6.4	341
116	In-Hospital Cardiac Arrest: A Review. *JAMA - Journal of the American Medical Association*, **2019**, 321, 1200-1210	27.4	242
115	Part 4: Advanced life support: 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations. *Resuscitation*, **2015**, 95, e71-120	4	180
114	Temperature Management After Cardiac Arrest: An Advisory Statement by the Advanced Life Support Task Force of the International Liaison Committee on Resuscitation and the American Heart Association Emergency Cardiovascular Care Committee and the Council on Cardiopulmonary, Critical Care, Perioperative and Resuscitation. *Circulation*, **2015**, 132, 2448-56	16.7	149
113	Extracorporeal cardiopulmonary resuscitation for cardiac arrest: A systematic review. *Resuscitation*, **2018**, 131, 91-100	4	121
112	Time to Epinephrine and Survival After Pediatric In-Hospital Cardiac Arrest. *JAMA - Journal of the American Medical Association*, **2015**, 314, 802-10	27.4	118
111	Annual Incidence of Adult and Pediatric In-Hospital Cardiac Arrest in the United States. *Circulation: Cardiovascular Quality and Outcomes*, **2019**, 12,	5.8	104
110	Initial lactate and lactate change in post-cardiac arrest: a multicenter validation study. *Critical Care Medicine*, **2014**, 42, 1804-11	1.4	104
109	Association Between Tracheal Intubation During Adult In-Hospital Cardiac Arrest and Survival. *JAMA - Journal of the American Medical Association*, **2017**, 317, 494-506	27.4	101
108	The prevalence and significance of abnormal vital signs prior to in-hospital cardiac arrest. *Resuscitation*, **2016**, 98, 112-7	4	92
107	"Resuscitation time bias"-A unique challenge for observational cardiac arrest research. *Resuscitation*, **2018**, 125, 79-82	4	90
106	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Organ Injury in Septic Shock: The ACTS Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2020**, 324, 642-650	27.4	83
105	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	16.7	82
104	Annual Incidence of Adult and Pediatric In-Hospital Cardiac Arrest in the United States. *Circulation: Cardiovascular Quality and Outcomes*, **2019**, 12, e005580	5.8	69
103	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	10.8	68
102	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	4	67
101	Association Between Tracheal Intubation During Pediatric In-Hospital Cardiac Arrest and Survival. *JAMA - Journal of the American Medical Association*, **2016**, 316, 1786-1797	27.4	65

100	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. *Resuscitation*, **2019**, 145, 95-150	4	62
99	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	5.9	59
98	Adult Advanced Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations. *Resuscitation*, **2020**, 156, A80-A119	4	56
97	The relationship between age and outcome in out-of-hospital cardiac arrest patients. *Resuscitation*, **2015**, 94, 49-54	4	50
96	The association between a quantitative computed tomography (CT) measurement of cerebral edema and outcomes in post-cardiac arrest-a validation study. *Resuscitation*, **2014**, 85, 1348-53	4	47
95	Vasopressors during adult cardiac arrest: A systematic review and meta-analysis. *Resuscitation*, **2019**, 139, 106-121	4	43
94	Factors associated with the occurrence of cardiac arrest after emergency tracheal intubation in the emergency department. *PLoS ONE*, **2014**, 9, e112779	3.7	42
93	Contemporary animal models of cardiac arrest: A systematic review. *Resuscitation*, **2017**, 113, 115-123	4	39
92	Inflammatory markers following resuscitation from out-of-hospital cardiac arrest-A prospective multicenter observational study. *Resuscitation*, **2016**, 103, 117-124	4	38
91	Trends in Survival After Pediatric In-Hospital Cardiac Arrest in the United States. *Circulation*, **2019**, 140, 1398-1408	16.7	36
90	Adult Advanced Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. *Circulation*, **2020**, 142, S92-S139	16.7	33
89	Thiamine in septic shock patients with alcohol use disorders: An observational pilot study. *Journal of Critical Care*, **2018**, 43, 61-64	4	32
88	Intravenous vs. intraosseous administration of drugs during cardiac arrest: A systematic review. *Resuscitation*, **2020**, 149, 150-157	4	31
87	Advanced airway management during adult cardiac arrest: A systematic review. *Resuscitation*, **2019**, 139, 133-143	4	30
86	Corticosteroid therapy in refractory shock following cardiac arrest: a randomized, double-blind, placebo-controlled, trial. *Critical Care*, **2016**, 20, 82	10.8	30
85	Thiamine as a neuroprotective agent after cardiac arrest. *Resuscitation*, **2016**, 105, 138-44	4	29
84	Reasons for death in patients with sepsis and septic shock. *Journal of Critical Care*, **2017**, 38, 284-288	4	27
83	Acute respiratory compromise on inpatient wards in the United States: Incidence, outcomes, and factors associated with in-hospital mortality. *Resuscitation*, **2016**, 105, 123-9	4	27

82	Adult in-hospital cardiac arrest in Denmark. *Resuscitation*, **2019**, 140, 31-36	4	26
81	Pyruvate Dehydrogenase Activity Is Decreased in the Peripheral Blood Mononuclear Cells of Patients with Sepsis. A Prospective Observational Trial. *Annals of the American Thoracic Society*, **2015**, 12, 1662-6	4.7	25
80	Absolute lactate value vs relative reduction as a predictor of mortality in severe sepsis and septic shock. *Journal of Critical Care*, **2017**, 37, 179-184	4	25
79	Thiamine as an adjunctive therapy in cardiac surgery: a randomized, double-blind, placebo-controlled, phase II trial. *Critical Care*, **2016**, 20, 92	10.8	22
78	Ubiquinol (reduced Coenzyme Q10) in patients with severe sepsis or septic shock: a randomized, double-blind, placebo-controlled, pilot trial. *Critical Care*, **2015**, 19, 275	10.8	22
77	The administration of dextrose during in-hospital cardiac arrest is associated with increased mortality and neurologic morbidity. *Critical Care*, **2015**, 19, 160	10.8	21
76	Characterization of mitochondrial injury after cardiac arrest (COMICA). *Resuscitation*, **2017**, 113, 56-62	4	19
75	Postoperative Lactate Levels and Hospital Length of Stay After Cardiac Surgery. *Journal of Cardiothoracic and Vascular Anesthesia*, **2015**, 29, 1454-60	2.1	19
74	Neighborhood characteristics, bystander automated external defibrillator use, and patient outcomes in public out-of-hospital cardiac arrest. *Resuscitation*, **2018**, 126, 72-79	4	18
73	Pyruvate Dehydrogenase Activity and Quantity Decreases After Coronary Artery Bypass Grafting: a Prospective Observational Study. *Shock*, **2015**, 43, 250-4	3.4	17
72	Targeted temperature management in adult cardiac arrest: Systematic review and meta-analysis. *Resuscitation*, **2021**, 167, 160-172	4	16
71	The Danish in-hospital cardiac arrest registry (DANARREST). *Clinical Epidemiology*, **2019**, 11, 397-402	5.9	15
70	Effect of Vasopressin and Methylprednisolone vs Placebo on Return of Spontaneous Circulation in Patients With In-Hospital Cardiac Arrest: A Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2021**, 326, 1586-1594	27.4	15
69	Age-dependent trends in survival after adult in-hospital cardiac arrest. *Resuscitation*, **2020**, 151, 189-196	4	14
68	In-Hospital vs. Out-of-Hospital Cardiac Arrest: Patient Characteristics and Survival. *Resuscitation*, **2021**, 158, 157-165	4	14
67	The association between physician turnover (the "July Effect") and survival after in-hospital cardiac arrest. *Resuscitation*, **2017**, 114, 133-140	4	13
66	Animal models of cardiac arrest: A systematic review of bias and reporting. *Resuscitation*, **2018**, 125, 16-24	4	13
65	Adult post-cardiac arrest interventions: An overview of randomized clinical trials. *Resuscitation*, **2020**, 147, 1-11	4	13

64	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	10.4	13
63	Lactate Elevation During and After Major Cardiac Surgery in Adults: A Review of Etiology, Prognostic Value, and Management. *Anesthesia and Analgesia*, **2017**, 125, 743-752	3.9	12
62	Trends Over Time in Drug Administration During Adult In-Hospital Cardiac Arrest. *Critical Care Medicine*, **2019**, 47, 194-200	1.4	12
61	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	3	12
60	Epinephrine in cardiac arrest - insights from observational studies. *Resuscitation*, **2018**, 131, e1	4	11
59	Cost-effectiveness of public automated external defibrillators. *Resuscitation*, **2019**, 138, 250-258	4	10
58	Severity of chronic obstructive pulmonary disease and presenting rhythm in patients with out-of-hospital cardiac arrest. *Resuscitation*, **2018**, 126, 111-117	4	10
57	Estimating Risk Ratios and Risk Differences: Alternatives to Odds Ratios. *JAMA - Journal of the American Medical Association*, **2020**, 324, 1098-1099	27.4	10
56	ERC-ESICM guidelines on temperature control after cardiac arrest in adults.. *Intensive Care Medicine* , **2022**, 48, 261	14.5	8
55	Coenzyme Q10 in acute influenza. *Influenza and Other Respiratory Viruses*, **2019**, 13, 64-70	5.6	7
54	Predicting in-hospital mortality for initial survivors of acute respiratory compromise (ARC) events: Development and validation of the ARC Score. *Resuscitation*, **2017**, 115, 5-10	4	6
53	Pediatric In-Hospital Acute Respiratory Compromise: A Report From the American Heart Association® Get With the Guidelines-Resuscitation Registry. *Pediatric Critical Care Medicine*, **2017**, 18, 838-849	3	6
52	Lidocaine versus amiodarone for pediatric in-hospital cardiac arrest: An observational study. *Resuscitation*, **2020**, 149, 191-201	4	6
51	Severity of ischemic heart disease and presenting rhythm in patients with out-of-hospital cardiac arrest. *Resuscitation*, **2018**, 130, 174-181	4	6
50	Trends in survival and introduction of the 2010 and 2015 guidelines for adult in-hospital cardiac arrest. *Resuscitation*, **2020**, 157, 112-120	4	6
49	Erythrocyte P2X receptor expression is correlated with change in haematocrit in patients admitted to the ICU with blood pathogen-positive sepsis. *Critical Care*, **2018**, 22, 181	10.8	5
48	Ascorbic Acid, Corticosteroids and Thiamine in Sepsis (ACTS) protocol and statistical analysis plan: a prospective, multicentre, double-blind, randomised, placebo-controlled clinical trial. *BMJ Open*, **2019**, 9, e034406	3	5
47	Epinephrine in children receiving cardiopulmonary resuscitation for bradycardia with poor perfusion. *Resuscitation*, **2020**, 149, 180-190	4	5

46	Collider Bias.. *JAMA - Journal of the American Medical Association*, **2022**,	27.4	5
45	Propensity scores - A brief introduction for resuscitation researchers. *Resuscitation*, **2018**, 125, 66-69	4	4
44	Drugs during cardiopulmonary resuscitation. *Current Opinion in Critical Care*, **2020**, 26, 242-250	3.5	4
43	Patient-important outcomes other than mortality in recent ICU trials: Protocol for a scoping review. *Acta Anaesthesiologica Scandinavica*, **2021**, 65, 1002-1007	1.9	4
42	Pyruvate Dehydrogenase Activity Is Decreased in Emergency Department Patients With Diabetic Ketoacidosis. *Academic Emergency Medicine*, **2016**, 23, 685-9	3.4	4
41	Factors associated with shockable versus non-shockable rhythms in patients with in-hospital cardiac arrest. *Resuscitation*, **2021**, 158, 166-174	4	4
40	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. *JAMA - Journal of the American Medical Association*, **2021**,	27.4	3
39	Cytochrome C in Patients with Septic Shock. *Shock*, **2016**, 45, 512-7	3.4	3
38	Translation from animal studies of novel pharmacological therapies to clinical trials in cardiac arrest: A systematic review. *Resuscitation*, **2021**, 158, 258-269	4	3
37	Pulseless electrical activity vs. asystole in adult in-hospital cardiac arrest: Predictors and outcomes. *Resuscitation*, **2021**, 165, 50-57	4	3
36	Goal-directed haemodynamic therapy during general anaesthesia for noncardiac surgery: a systematic review and meta-analysis.. *British Journal of Anaesthesia*, **2021**,	5.4	3
35	Acute Respiratory Compromise in the Emergency Department: A Description and Analysis of 3571 Events from the Get With the Guidelines-Resuscitation Registry. *Journal of Emergency Medicine*, **2017**, 52, 393-402	1.5	2
34	Identification, collection, and reporting of harms among non-industry-sponsored randomized clinical trials of pharmacologic interventions in the critically ill population: a systematic review. *Critical Care*, **2020**, 24, 398	10.8	2
33	Vasopressin and glucocorticoids for in-hospital cardiac arrest: A systematic review and meta-analysis of individual participant data.. *Resuscitation*, **2022**, 171, 48-56	4	2
32	Socioeconomic status and in-hospital cardiac arrest: A systematic review. *Resuscitation Plus*, **2020**, 3, 100016	1.4	2
31	Continuous Neuromuscular Blockade Following Successful Resuscitation From Cardiac Arrest: A Randomized Trial. *Journal of the American Heart Association*, **2020**, 9, e017171	6	2
30	Guideline removal of atropine and survival after adult in-hospital cardiac arrest with a non-shockable rhythm. *Resuscitation*, **2019**, 137, 69-77	4	2
29	Trends over time in drug administration during pediatric in-hospital cardiac arrest in the United States. *Resuscitation*, **2021**, 158, 243-252	4	2

28	Vasopressin and methylprednisolone for in-hospital cardiac arrest - Protocol for a randomized, double-blind, placebo-controlled trial. *Resuscitation Plus*, **2021**, 5, 100081	1.4	2
27	Age and sex differences in outcomes after in-hospital cardiac arrest. *Resuscitation*, **2021**, 165, 58-65	4	2
26	Intubation During In-Hospital Cardiac Arrest-Reply. *JAMA - Journal of the American Medical Association*, **2017**, 317, 2019-2020	27.4	1
25	Estimating duration of central venous catheter at time of insertion: Clinician judgment and clinical predictors. *Journal of Critical Care*, **2015**, 30, 1299-302	4	1
24	Hospital-level variation in outcomes after in-hospital cardiac arrest in Denmark. *Acta Anaesthesiologica Scandinavica*, **2021**,	1.9	1
23	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Health-Related Quality of Life in Sepsis **2020**, 2, e0270		1
22	Twenty-four-hour fluid administration in emergency department patients with suspected infection: A multicenter, prospective, observational study. *Acta Anaesthesiologica Scandinavica*, **2021**, 65, 1122-1142	1.9	1
21	Ubiquinol (reduced coenzyme Q10) as a metabolic resuscitator in post-cardiac arrest: A randomized, double-blind, placebo-controlled trial. *Resuscitation*, **2021**, 162, 388-395	4	1
20	Ubiquinol (Reduced Coenzyme Q10) and Cellular Oxygen Consumption in Patients Undergoing Coronary Artery Bypass Grafting. *Journal of Intensive Care Medicine*, **2020**, 35, 797-804	3.3	1
19	Absolute vs. relative effects-implications for subgroup analyses. *Trials*, **2021**, 22, 50	2.8	1
18	Cardiac Arrest in Pigs With 48 hours of Post-Resuscitation Care Induced by 2 Methods of Myocardial Infarction: A Methodological Description. *Journal of the American Heart Association*, **2021**, 10, e022679	6	1
17	Calcium administration and post-cardiac arrest ionized calcium values according to intraosseous or intravenous administration - A post hoc analysis of a randomized trial.. *Resuscitation*, **2021**, 170, 211-212	4	0
16	Age-related cognitive bias in in-hospital cardiac arrest. *Resuscitation*, **2021**, 162, 43-46	4	0
15	Restrictive Fluid Administration vs. Standard of Care in Emergency Department Sepsis Patients (REFACED Sepsis)-protocol for a multicenter, randomized, clinical, proof-of-concept trial.. *Pilot and Feasibility Studies*, **2022**, 8, 75	1.9	0
14	Letter regarding "Effects of targeted temperature management at 33 C vs. 36 C on comatose patients after cardiac arrest stratified by the severity of encephalopathy" by Nutma et al.. *Resuscitation*, **2022**, 173, 189-190	4	0
13	Time Interval Data in a Pediatric In-Hospital Resuscitation Study-Reply. *JAMA - Journal of the American Medical Association*, **2017**, 317, 973-974	27.4	
12	Acute respiratory compromise on hospital wards: Association between recent ICU discharge and outcome. *Resuscitation*, **2019**, 144, 40-45	4	
11	Reply to comment on update of in-hospital Utstein guidelines. *Resuscitation*, **2020**, 149, 244	4	

10	Response. *Journal of Critical Care*, **2018**, 44, 467-468	4
9	Epinephrine Administration and Pediatric In-Hospital Cardiac Arrest--Reply. *JAMA - Journal of the American Medical Association*, **2016**, 315, 417	27.4
8	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	4
7	Vasopressin and Methylprednisolone vs Placebo and Return of Spontaneous Circulation in Patients With In-Hospital Cardiac Arrest-Reply.. *JAMA - Journal of the American Medical Association*, **2022**, 327, 487-488	27.4
6	Reporting of academic degrees in high-impact medical journals. *F1000Research*, **2019**, 8, 1852	3.6
5	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	
4	Reply to: Meta-analyses of targeted temperature management in adult cardiac arrest studies - The big picture is dependent on study selection!. *Resuscitation*, **2021**,	4
3	Reporting of academic degrees in high-impact medical journals. *F1000Research*, **2019**, 8, 1852	3.6
2	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	2.2
1	Drugs for advanced life support.. *Intensive Care Medicine*, **2022**, 48, 606	14.5