

# Christian Storm

## List of Publications by Year in descending order

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62  
papers

2,693  
citations

236925

25  
h-index

182427

51  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Does hypothermia influence the predictive value of bilateral absent N20 after cardiac arrest?. <i>Neurology</i> , 2010, 74, 965-969.	1.1	679
2	Targeted Temperature Management for 48 vs 24 Hours and Neurologic Outcome After Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 341.	7.4	260
3	Quantitative versus standard pupillary light reflex for early prognostication in comatose cardiac arrest patients: an international prospective multicenter double-blinded study. <i>Intensive Care Medicine</i> , 2018, 44, 2102-2111.	8.2	163
4	Mild therapeutic hypothermia alters neuron specific enolase as an outcome predictor after resuscitation: 97 prospective hypothermia patients compared to 133 historical non-hypothermia patients. <i>Critical Care</i> , 2010, 14, R69.	5.8	136
5	Amplitudes of SSEP and outcome in cardiac arrest survivors. <i>Neurology</i> , 2015, 85, 1752-1760.	1.1	80
6	Neuron-Specific Enolase Predicts Poor Outcome After Cardiac Arrest and Targeted Temperature Management: A Multicenter Study on 1,053 Patients. <i>Critical Care Medicine</i> , 2017, 45, 1145-1151.	0.9	80
7	The prognostic value of gray-white-matter ratio in cardiac arrest patients treated with hypothermia. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2013, 21, 23.	2.6	77
8	Regional cerebral oxygen saturation after cardiac arrest in 60 patientsâ€”A prospective outcome study. <i>Resuscitation</i> , 2014, 85, 1037-1041.	3.0	74
9	Mild therapeutic hypothermia shortens intensive care unit stay of survivors after out-of-hospital cardiac arrest compared to historical controls. <i>Critical Care</i> , 2008, 12, R78.	5.8	73
10	The Glasgow coma score is a predictor of good outcome in cardiac arrest patients treated with therapeutic hypothermia. <i>Resuscitation</i> , 2009, 80, 658-661.	3.0	73
11	Targeted hypothermia versus targeted Normothermia after out-of-hospital cardiac arrest (TTM2): A randomized clinical trialâ€”Rationale and design. <i>American Heart Journal</i> , 2019, 217, 23-31.	2.7	72
12	Hypoxic-Ischemic Encephalopathy Evaluated by Brain Autopsy and Neuroprognostication After Cardiac Arrest. <i>JAMA Neurology</i> , 2020, 77, 1430.	9.0	56
13	Prehospital cooling with hypothermia caps (PreCoCa): a feasibility study. <i>Clinical Research in Cardiology</i> , 2008, 97, 768-772.	3.3	55
14	Mild hypothermia treatment in patients resuscitated from non-shockable cardiac arrest. <i>Emergency Medicine Journal</i> , 2012, 29, 100-103.	1.0	49
15	A multicentre randomized pilot trial on the effectiveness of different levels of cooling in comatose survivors of out-of-hospital cardiac arrest: the FROST-I trial. <i>Intensive Care Medicine</i> , 2018, 44, 1807-1815.	8.2	49
16	Whole blood choline and plasma choline in acute coronary syndromes: Prognostic and pathophysiological implications. <i>Clinica Chimica Acta</i> , 2007, 383, 103-109.	1.1	48
17	Serial measurement of neuron specific enolase improves prognostication in cardiac arrest patients treated with hypothermia: A prospective study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2012, 20, 6.	2.6	47
18	Therapeutic temperature management after cardiac arrest and the risk of bleeding: Systematic review and meta-analysis. <i>Resuscitation</i> , 2014, 85, 1494-1503.	3.0	44

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19	Timing of brain computed tomography and accuracy of outcome prediction after cardiac arrest. Resuscitation, 2019, 145, 8-14.	3.0	40
20	Severe QTc prolongation under mild hypothermia treatment and incidence of arrhythmias after cardiac arrestâ€”A prospective study in 34 survivors with continuous Holter ECG. Resuscitation, 2011, 82, 859-862.	3.0	39
21	Death after awakening from post-anoxic coma: the â€œBest CPCâ€”project. Critical Care, 2019, 23, 107.	5.8	35
22	Time-differentiated target temperature management after out-of-hospital cardiac arrest: a multicentre, randomised, parallel-group, assessor-blinded clinical trial (the TTH48 trial): study protocol for a randomised controlled trial. Trials, 2016, 17, 228.	1.6	32
23	A survey on general and temperature management of post cardiac arrest patients in large teaching and university hospitals in 14 European countriesâ€”The SPAME trial results. Resuscitation, 2017, 116, 84-90.	3.0	30
24	Isoflurane Sedation on the ICU in Cardiac Arrest Patients Treated With Targeted Temperature Management: An Observational Propensity-Matched Study. Critical Care Medicine, 2017, 45, e384-e390.	0.9	30
25	Duplex sonography of cerebral blood flow after cardiac arrestâ€”A prospective observational study. Resuscitation, 2014, 85, 516-521.	3.0	27
26	Unresponsive wakefulness or coma after cardiac arrestâ€”A long-term follow-up study. Resuscitation, 2018, 131, 121-127.	3.0	24
27	Use of target temperature management after cardiac arrest in Germany â€” A nationwide survey including 951 intensive care units. Resuscitation, 2014, 85, 1012-1017.	3.0	22
28	Minimal and deep sedation during ablation of ventricular tachycardia. International Journal of Cardiology, 2014, 172, 161-164.	1.7	21
29	Cortical somatosensory evoked high-frequency (600Hz) oscillations predict absence of severe hypoxic encephalopathy after resuscitation. Clinical Neurophysiology, 2016, 127, 2561-2569.	1.5	21
30	2-year survival of patients undergoing mild hypothermia treatment after ventricular fibrillation cardiac arrest is significantly improved compared to historical controls. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2010, 18, 2.	2.6	19
31	Clopidogrel pharmacokinetics and pharmacodynamics in out-of-hospital cardiac arrest patients with acute coronary syndrome undergoing target temperature management. Resuscitation, 2016, 102, 63-69.	3.0	17
32	Hypothermic versus Normothermic Temperature Control after Cardiac Arrest. , 2022, 1, .		17
33	Weak diagnostic performance of troponin, creatine kinase and creatine kinase-MB to diagnose or exclude myocardial infarction after successful resuscitation. International Journal of Cardiology, 2014, 173, 216-221.	1.7	15
34	Visuo-spatial memory deficits following medial temporal lobe damage: A comparison of three patient groups. Neuropsychologia, 2016, 81, 168-179.	1.6	15
35	RBM3 and CIRP expressions in targeted temperature management treated cardiac arrest patientsâ€”A prospective single center study. PLoS ONE, 2019, 14, e0226005.	2.5	15
36	Measuring Core Body Temperature Using a Non-invasive, Disposable Double-Sensor During Targeted Temperature Management in Post-cardiac Arrest Patients. Frontiers in Medicine, 2021, 8, 666908.	2.6	14

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37	Automated Assessment of Brain CT After Cardiac Arrest—An Observational Derivation/Validation Cohort Study. <i>Critical Care Medicine</i> , 2021, 49, e1212-e1222.	0.9	13
38	Good neurological outcome despite very low regional cerebral oxygen saturation during resuscitation—a prospective preclinical trial in 29 patients. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2016, 24, 43.	2.6	12
39	Impact of Structured Pathways for Postcardiac Arrest Care: A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2019, 47, e710-e716.	0.9	10
40	Establishment of an extracorporeal cardio-pulmonary resuscitation program in Berlin — outcomes of 254 patients with refractory circulatory arrest. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2020, 28, 96.	2.6	10
41	Influence of core body temperature on Tryptophan metabolism, kynurenines, and estimated IDO activity in critically ill patients receiving target temperature management following cardiac arrest. <i>Resuscitation</i> , 2016, 107, 107-114.	3.0	9
42	The influence of prolonged temperature management on acute kidney injury after out-of-hospital cardiac arrest: A post hoc analysis of the TTH48 trial. <i>Resuscitation</i> , 2020, 151, 10-17.	3.0	9
43	Computational signatures for post-cardiac arrest trajectory prediction: Importance of early physiological time series. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2022, 41, 101015.	1.4	8
44	Targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest: a statistical analysis plan. <i>Trials</i> , 2020, 21, 831.	1.6	7
45	Postcardiac arrest neurological prognostication with quantitative regional cerebral densitometry. <i>Resuscitation</i> , 2020, 154, 101-109.	3.0	7
46	Factors Associated With Rebound Hyperthermia After Targeted Temperature Management in Out-of-Hospital Cardiac Arrest Patients: An Explorative Substudy of the Time-Differentiated Therapeutic Hypothermia in Out-of-Hospital Cardiac Arrest Survivors Trial. , 2021, 3, e0458.		6
47	Electrolyte profiles with induced hypothermia: A sub study of a clinical trial evaluating the duration of hypothermia after cardiac arrest. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 615-624.	1.6	6
48	A statistical analysis protocol for the time-differentiated target temperature management after out-of-hospital cardiac arrest (TTH48) clinical trial. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2016, 24, 138.	2.6	5
49	Severe or critical hypotension during post cardiac arrest care is associated with factors available on admission - a post hoc analysis of the TTH48 trial. <i>Journal of Critical Care</i> , 2021, 61, 186-190.	2.2	5
50	Quality of targeted temperature management and outcome of out-of-hospital cardiac arrest patients: A post hoc analysis of the TTH48 study. <i>Resuscitation</i> , 2021, 165, 85-92.	3.0	5
51	Serial Plasma Choline Measurements after Cardiac Arrest in Patients Undergoing Mild Therapeutic Hypothermia: A Prospective Observational Pilot Trial. <i>PLoS ONE</i> , 2013, 8, e76720.	2.5	5
52	Hypothermia induced alteration of repolarization - impact on acute and long-term outcome: a prospective cohort study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2017, 25, 68.	2.6	4
53	Hypothermic to ischemic ratio and mortality in post-cardiac arrest patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 546-555.	1.6	4
54	Cold fluids for induction of targeted temperature management: A sub-study of the TTH48 trial. <i>Resuscitation</i> , 2020, 148, 90-97.	3.0	4

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55	The use of hypothermia and outcome post cardiopulmonary resuscitation in 2014. Revista Brasileira De Terapia Intensiva, 2014, 26, 83-5.	0.3	4
56	Elimination of glutamate using CRRT for 72h in patients with post-cardiac arrest syndrome: A randomized clinical pilot trial. Resuscitation, 2019, 144, 54-59.	3.0	3
57	Dynamic determination of functional liver capacity with the LiMAx test in post-cardiac arrest patients undergoing targeted temperature management: A prospective trial. Acta Anaesthesiologica Scandinavica, 2020, 64, 501-507.	1.6	3
58	Does tirofiban prevent platelet loss in patients after cardiogenic shock during continuous renal replacement therapy?. Critical Care, 2008, 12, 193.	5.8	2
59	Is the routine use of antipseudomonal antibiotics in acutely exacerbated COPD patients indicated: A retrospective analysis in 437 ICU patients.. Journal of Critical Care, 2021, 65, 49-55.	2.2	2
60	Prognostic value of late™ electroencephalography recordings in patients with cardiopulmonary resuscitation after cardiac arrest. Journal of Neurology, 2021, 268, 4248-4257.	3.6	1
61	3. Reanimation. , 2020, , 91-122.		0
62	Clinical Characteristics and In-Hospital Mortality of Cardiac Arrest Survivors in Brazil: A Large Retrospective Multicenter Cohort Study. , 2021, 3, e0479.		0