Asger Granfeldt

List of Publications by Year
in descending order

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89 papers	3,565 citations	201674 27 h-index	144013 57 g-index
89 all docs	89 docs citations	89 times ranked	3366 citing authors

#	Article	IF	Citations
1	Treatment with senicapoc, a K_{Ca}3.1 channel blocker, alleviates hypoxaemia in a mouse model of acute respiratory distress syndrome. British Journal of Pharmacology, 2022, 179, 2175-2192.	5.4	4
2	Calcium administration and post-cardiac arrest ionized calcium values according to intraosseous or intravenous administration â€“ A post hoc analysis of a randomized trial. Resuscitation, 2022, 170, 211-212.	3.0	3
3	Vasopressin and glucocorticoids for in-hospital cardiac arrest: A systematic review and meta-analysis of individual participant data. Resuscitation, 2022, 171, 48-56.	3.0	14
4	Vasopressin and Methylprednisolone vs Placebo and Return of Spontaneous Circulation in Patients With In-Hospital Cardiac Arrestâ€”Reply. JAMA - Journal of the American Medical Association, 2022, 327, 487.	7.4	3
5	The new era of post-resuscitation care. Resuscitation, 2022, 171, 98-99.	3.0	1
6	Hospitalâ€level variation in outcomes after inâ€hospital cardiac arrest in Denmark. Acta Anaesthesiologica Scandinavica, 2022, 66, 273-281.	1.6	5
7	Goal-directed haemodynamic therapy during general anaesthesia for noncardiac surgery: a systematic review and meta-analysis. British Journal of Anaesthesia, 2022, 128, 416-433.	3.4	50
8	Targeted temperature management stratified by the severity of encephalopathy: do the methods justify the conclusions?. Resuscitation, 2022, 173, 189-190.	3.0	2
9	Senicapoc treatment in <scp>COVID</scp> â€19 Patients with Severe Respiratory Insufficiency â€“ A Randomized, <scp>Openâ€Label</scp> , Phase <scp>II</scp> Trial. Acta Anaesthesiologica Scandinavica, 2022, , .	1.6	3
10	Effect of vasopressin and methylprednisolone vs. placebo on long-term outcomes in patients with in-hospital cardiac arrest a randomized clinical trial. Resuscitation, 2022, 175, 67-71.	3.0	10
11	Intra-cardiac arrest transport and survival from out-of-hospital cardiac arrest: A nationwide observational study. Resuscitation, 2022, 175, 50-56.	3.0	3
12	Evaluation of Neurologic and Psychiatric Outcomes After Hospital Discharge Among Adult Survivors of Cardiac Arrest. JAMA Network Open, 2022, 5, e2213546.	5.9	7
13	2015 Guidelines for Cardiopulmonary Resuscitation and survival after adult and paediatric out-of-hospital cardiac arrest. European Heart Journal Quality of Care & Clinical Outcomes, 2021, 7, 407-415.	4.0	4
14	Translation from animal studies of novel pharmacological therapies to clinical trials in cardiac arrest: A systematic review. Resuscitation, 2021, 158, 258-269.	3.0	10
15	Factors associated with shockable versus non-shockable rhythms in patients with in-hospital cardiac arrest. Resuscitation, 2021, 158, 166-174.	3.0	18
16	In-Hospital vs. Out-of-Hospital Cardiac Arrest: Patient Characteristics and Survival. Resuscitation, 2021, 158, 157-165.	3.0	57
17	Veno-occlusive unloading of the heart reduces infarct size in experimental ischemiaâ€“reperfusion. Scientific Reports, 2021, 11, 4483.	3.3	1
18	Vasopressin and methylprednisolone for in-hospital cardiac arrest â€” Protocol for a randomized, double-blind, placebo-controlled trial. Resuscitation Plus, 2021, 5, 100081.	1.7	5

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19	Optimizing hemodynamic function during cardiopulmonary resuscitation. Current Opinion in Critical Care, 2021, 27, 216-222.	3.2	2
20	Treatment with senicapoc in a porcine model of acute respiratory distress syndrome. Intensive Care Medicine Experimental, 2021, 9, 20.	1.9	3
21	A validated UHPLC-MS/MS method for rapid determination of senicapoc in plasma samples. Journal of Pharmaceutical and Biomedical Analysis, 2021, 197, 113956.	2.8	6
22	Age-related cognitive bias in in-hospital cardiac arrest. Resuscitation, 2021, 162, 43-46.	3.0	2
23	Effect of the KCa3.1 blocker, senicapoc, on cerebral edema and cardiovascular function after cardiac arrest â€" A randomized experimental rat study. Resuscitation Plus, 2021, 6, 100111.	1.7	1
24	Pulseless electrical activity vs. asystole in adult in-hospital cardiac arrest: Predictors and outcomes. Resuscitation, 2021, 165, 50-57.	3.0	8
25	Increased cerebral endothelium-dependent vasodilation in rats in the post-cardiac arrest period. Journal of Applied Physiology, 2021, 131, 1311-1327.	2.5	1
26	Age and sex differences in outcomes after in-hospital cardiac arrest. Resuscitation, 2021, 165, 58-65.	3.0	10
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.	7.4	69
28	Targeted temperature management in adult cardiac arrest: Systematic review and meta-analysis. Resuscitation, 2021, 167, 160-172.	3.0	90
29	Reply to: Meta-analyses of targeted temperature management in adult cardiac arrest studies â€" The big picture is dependent on study selection!. Resuscitation, 2021, 169, 225-226.	3.0	1
30	Effect of Intravenous or Intraosseous Calcium vs Saline on Return of Spontaneous Circulation in Adults With Out-of-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2021, 326, 2268.	7.4	44
31	Disseminated intravascular coagulation diagnosis: Positive predictive value of the ISTH score in a Danish population. Research and Practice in Thrombosis and Haemostasis, 2021, 5, e12636.	2.3	10
32	Cardiac Arrest in Pigs With 48Âhours of Postâ€Resuscitation Care Induced by 2 Methods of Myocardial Infarction: A Methodological Description. Journal of the American Heart Association, 2021, 10, e022679.	3.7	6
33	Adult post-cardiac arrest interventions: An overview of randomized clinical trials. Resuscitation, 2020, 147, 1-11.	3.0	19
34	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
35	Resuscitation Plus: The right journal for a new dawn for experimental resuscitation science research. Resuscitation Plus, 2020, 3, 100019.	1.7	2
36	Association of beta-blockers and first-registered heart rhythm in out-of-hospital cardiac arrest: real-world data from population-based cohorts across two European countries. Europace, 2020, 22, 1206-1215.	1.7	1

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37	Adult Advanced Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations. Resuscitation, 2020, 156, A80-A119.	3.0	264
38	Trends in survival and introduction of the 2010 and 2015 guidelines for adult in-hospital cardiac arrest. Resuscitation, 2020, 157, 112-120.	3.0	16
39	Intravenous vs. intraosseous administration of drugs during cardiac arrest: A systematic review. Resuscitation, 2020, 149, 150-157.	3.0	54
40	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.	5.8	6
41	Starting chest compressions: one pressure does not fit all. British Journal of Anaesthesia, 2020, 124, e199-e200.	3.4	2
42	Adenosine, Lidocaine, and Magnesium Support a High Flow, Hypotensive, Vasodilatory State With Improved Oxygen Delivery and Cerebral Protection in a Pig Model of Noncompressible Hemorrhage. Journal of Surgical Research, 2020, 253, 127-138.	1.6	17
43	Drugs during cardiopulmonary resuscitation. Current Opinion in Critical Care, 2020, 26, 242-250.	3.2	9
44	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Resuscitation, 2019, 145, 95-150.	3.0	110
45	Adult in-hospital cardiac arrest in Denmark. Resuscitation, 2019, 140, 31-36.	3.0	45
46	No effect of hyperoxia on outcome following major trauma . Open Access Emergency Medicine, 2019, Volume 11, 57-63.	1.3	2
47	In-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2019, 321, 1200.	7.4	544
48	Cost-effectiveness of public automated external defibrillators. Resuscitation, 2019, 138, 250-258.	3.0	18
49	Advanced airway management during adult cardiac arrest: A systematic review. Resuscitation, 2019, 139, 133-143.	3.0	48
50	Moderately prolonged permissive hypotension results in reversible metabolic perturbation evaluated by intracerebral microdialysis - an experimental animal study. Intensive Care Medicine Experimental, 2019, 7, 67.	1.9	6
51	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
52	Animal models of cardiac arrest: A systematic review of bias and reporting. Resuscitation, 2018, 125, 16-21.	3.0	24
53	Severity of chronic obstructive pulmonary disease and presenting rhythm in patients with out-of-hospital cardiac arrest. Resuscitation, 2018, 126, 111-117.	3.0	11
54	Neighborhood characteristics, bystander automated external defibrillator use, and patient outcomes in public out-of-hospital cardiac arrest. Resuscitation, 2018, 126, 72-79.	3.0	33

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55	Prehospital triage of patients suffering severe dyspnoea using N-terminal pro-brain natriuretic peptide, the PreBNP trial: a randomised controlled clinical trial. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 302-310.	1.0	7
56	Timing of focused cardiac ultrasound during advanced life support â€“ A prospective clinical study. Resuscitation, 2018, 124, 126-131.	3.0	12
57	Type 2 diabetes mellitus worsens neurological injury following cardiac arrest: an animal experimental study. Intensive Care Medicine Experimental, 2018, 6, 23.	1.9	5
58	A low end-tidal CO2/arterial CO2 ratio during cardiopulmonary resuscitation suggests pulmonary embolism. Resuscitation, 2018, 133, 137-140.	3.0	14
59	Reply letter to focused ultrasound during advanced life support as a part of a structured approach to the resuscitation of PEA. Resuscitation, 2018, 129, e5.	3.0	0
60	Epinephrine in cardiac arrest â€“ insights from observational studies. Resuscitation, 2018, 131, e1.	3.0	14
61	Severity of ischemic heart disease and presenting rhythm in patients with out-of-hospital cardiac arrest. Resuscitation, 2018, 130, 174-181.	3.0	6
62	Pragmatic Airway Management in Out-of-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2018, 320, 761.	7.4	6
63	Association Between Tracheal Intubation During Adult In-Hospital Cardiac Arrest and Survival. JAMA - Journal of the American Medical Association, 2017, 317, 494.	7.4	151
64	Contemporary animal models of cardiac arrest: A systematic review. Resuscitation, 2017, 113, 115-123.	3.0	63
65	Cortical spreading depolarizations in the postresuscitation period in a cardiac arrest male rat model. Journal of Neuroscience Research, 2017, 95, 2040-2050.	2.9	5
66	Detection of Pulmonary Embolism During Cardiac Arrestâ€"Ultrasonographic Findings Should Be Interpreted With Caution*. Critical Care Medicine, 2017, 45, e695-e702.	0.9	40
67	The Right Ventricle Is Dilated During Resuscitation From Cardiac Arrest Caused by Hypovolemia: A Porcine Ultrasound Study*. Critical Care Medicine, 2017, 45, e963-e970.	0.9	45
68	Comparing anesthesia with isoflurane and fentanyl/fluanisone/midazolam in a rat model of cardiac arrest. Journal of Applied Physiology, 2017, 123, 867-875.	2.5	6
69	Location of cardiac arrest and impact of pre-arrest chronic disease and medication use on survival. Resuscitation, 2017, 114, 113-120.	3.0	10
70	Quality of bystander cardiopulmonary resuscitation during real-life out-of-hospital cardiac arrest. Resuscitation, 2017, 120, 63-70.	3.0	24
71	Clinical predictors of shockable versus non-shockable rhythms in patients with out-of-hospital cardiac arrest. Resuscitation, 2016, 108, 40-47.	3.0	56
72	Modelling Cardiac Arrestâ€"Are We There?*. Critical Care Medicine, 2016, 44, 1956-1957.	0.9	3

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73	A technique for continuous bedside monitoring of global cerebral energy state. Intensive Care Medicine Experimental, 2016, 4, 3.	1.9	13
74	Preserved Cerebral Microcirculation After Cardiac Arrest in a Rat Model. Microcirculation, 2015, 22, 464-474.	1.8	6
75	Part 4: Advanced life support. Resuscitation, 2015, 95, e71-e120.	3.0	234
76	Part 4: Advanced Life Support. Circulation, 2015, 132, S84-145.	1.6	560
77	Adenosine, lidocaine and Mg2+improves cardiac and pulmonary function, induces reversible hypotension and exerts anti-inflammatory effects in an endotoxemic porcine model. Critical Care, 2014, 18, 682.	5.8	34
78	No effect of remote ischaemic conditioning on inflammation in a porcine kidney transplantation model. Transplant Immunology, 2014, 31, 98-104.	1.2	10
79	Small-Volume 7.5% NaCl Adenosine, Lidocaine, and Mg2+ Has Multiple Benefits During Hypotensive and Blood Resuscitation in the Pig Following Severe Blood Loss. Critical Care Medicine, 2014, 42, e329-e344.	0.9	33
80	The effects of adenocaine (adenosine and lidocaine) on early post-resuscitation cardiac and neurological dysfunction in a porcine model of cardiac arrest. Resuscitation, 2013, 84, 1611-1618.	3.0	3
81	Targeting Dexamethasone to Macrophages in a Porcine Endotoxemic Model. Critical Care Medicine, 2013, 41, e309-e318.	0.9	36
82	Adenocaine and Mg2+ reduce fluid requirement to maintain hypotensive resuscitation and improve cardiac and renal function in a porcine model of severe hemorrhagic shock*. Critical Care Medicine, 2012, 40, 3013-3025.	0.9	23
83	Neutrophil inhibition contributes to cardioprotection by postconditioning. Acta Anaesthesiologica Scandinavica, 2012, 56, 48-56.	1.6	19
84	The nondepolarizing, normokalemic cardioplegia formulation adenosine-lidocaine (adenocaine) exerts anti-neutrophil effects by synergistic actions of its components. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, 1167-1175.	0.8	29
85	Organ dysfunction following regional and global ischemia/reperfusion. Intervention with postconditioning and adenocaine. Danish Medical Journal, 2012, 59, B4496.	0.5	9
86	The Multidimensional Physiological Responses to Postconditioning. Antioxidants and Redox Signaling, 2011, 14, 791-810.	5.4	45
87	Protective ischaemia in patients: preconditioning and postconditioning. Cardiovascular Research, 2009, 83, 234-246.	3.8	114
88	Alteration of Neuropeptides in the Lung Tissue Correlates Brain Death-Induced Neurogenic Edema. Journal of Heart and Lung Transplantation, 2009, 28, 725-732.	0.6	8
89	Renal cytokine profile in an endotoxemic porcine model. Acta Anaesthesiologica Scandinavica, 2008, 52, 614-620.	1.6	13