Jan BÄ›lohlÃ¡vek

List of Publications by Year
in descending order

101 papers	8,877 citations	117625 34 h-index	45317 90 g-index
101 all docs	101 docs citations	101 times ranked	8869 citing authors

#	Article	IF	Citations
1	Dapagliflozin in Patients with Heart Failure and Reduced Ejection Fraction. New England Journal of Medicine, 2019, 381, 1995-2008.	27.0	4,108
2	Angiotensin Receptor Neprilysin Inhibition Compared With Enalapril on the Risk of Clinical Progression in Surviving Patients With Heart Failure. Circulation, 2015, 131, 54-61.	1.6	552
3	Effect of Dapagliflozin on Worsening Heart Failure and Cardiovascular Death in Patients With Heart Failure With and Without Diabetes. JAMA - Journal of the American Medical Association, 2020, 323, 1353.	7.4	340
4	A trial to evaluate the effect of the sodiumâ€“glucose coâ€transporter 2 inhibitor dapagliflozin on morbidity and mortality in patients with heart failure and reduced left ventricular ejection fraction (DAPAâ€HF). European Journal of Heart Failure, 2019, 21, 665-675.	7.1	264
5	Effect of Intra-arrest Transport, Extracorporeal Cardiopulmonary Resuscitation, and Immediate Invasive Assessment and Treatment on Functional Neurologic Outcome in Refractory Out-of-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2022, 327, 737.	7.4	242
6	Initiation of sacubitril/valsartan in haemodynamically stabilised heart failure patients in hospital or early after discharge: primary results of the randomised TRANSITION study. European Journal of Heart Failure, 2019, 21, 998-1007.	7.1	233
7	Position paper for the organization of ECMO programs for cardiac failure in adults. Intensive Care Medicine, 2018, 44, 717-729.	8.2	230
8	In-Hospital Neurologic Complications in Adult Patients Undergoing Venoarterial Extracorporeal Membrane Oxygenation: Results From the Extracorporeal Life Support Organization Registry. Critical Care Medicine, 2016, 44, e964-e972.	0.9	212
9	Extracorporeal Cardiopulmonary Resuscitation in Adults. Interim Guideline Consensus Statement From the Extracorporeal Life Support Organization. ASAIO Journal, 2021, 67, 221-228.	1.6	194
10	Pulmonary embolism, part I: Epidemiology, risk factors and risk stratification, pathophysiology, clinical presentation, diagnosis and nonthrombotic pulmonary embolism. Experimental and Clinical Cardiology, 2013, 18, 129-38.	1.3	179
11	ELSO Interim Guidelines for Venoarterial Extracorporeal Membrane Oxygenation in Adult Cardiac Patients. ASAIO Journal, 2021, 67, 827-844.	1.6	147
12	Dapagliflozin and Diuretic Use in Patients With Heart Failure and Reduced Ejection Fraction in DAPA-HF. Circulation, 2020, 142, 1040-1054.	1.6	128
13	Geographic variations in the PARADIGM-HF heart failure trial. European Heart Journal, 2016, 37, 3167-3174.	2.2	114
14	Extracorporeal cardiopulmonary resuscitation in adults: evidence and implications. Intensive Care Medicine, 2022, 48, 1-15.	8.2	114
15	Hyperinvasive approach to out-of hospital cardiac arrest using mechanical chest compression device, prehospital intraarrest cooling, extracorporeal life support and early invasive assessment compared to standard of care. A randomized parallel groups comparative study proposal. â€œPrague OHCA studyâ€• Journal of Translational Medicine, 2012, 10, 163.	4.4	99
16	ECMO for COVID-19 patients in Europe and Israel. Intensive Care Medicine, 2021, 47, 344-348.	8.2	84
17	Coronary versus carotid blood flow and coronary perfusion pressure in a pig model of prolonged cardiac arrest treated by different modes of venoarterial ECMO and intraaortic balloon counterpulsation. Critical Care, 2012, 16, R50.	5.8	77
18	Baseline Characteristics of Patients With HF With Mildly Reduced and Preserved Ejection Fraction. JACC: Heart Failure, 2022, 10, 184-197.	4.1	75

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19	Targeted hypothermia versus targeted Normothermia after out-of-hospital cardiac arrest (TTM2): A randomized clinical trialâ€"Rationale and design. American Heart Journal, 2019, 217, 23-31.	2.7	72
20	AHEAD score â€" Long-term risk classification in acute heart failure. International Journal of Cardiology, 2016, 202, 21-26.	1.7	59
21	Efficacy and Safety of Dapagliflozin According to Frailty in Heart Failure With Reduced Ejection Fraction. Annals of Internal Medicine, 2022, 175, 820-830.	3.9	56
22	Extra corporeal membrane oxygenation in the therapy of cardiogenic shock (<scp>ECMOâ€CS</scp>): rationale and design of the multicenter randomized trial. European Journal of Heart Failure, 2017, 19, 124-127.	7.1	55
23	A rationale for early extracorporeal membrane oxygenation in patients with postinfarction ventricular septal rupture complicated by cardiogenic shock. European Journal of Heart Failure, 2017, 19, 97-103.	7.1	52
24	Initiation of sacubitril/valsartan shortly after hospitalisation for acutely decompensated heart failure in patients with newly diagnosed (de novo) heart failure: a subgroup analysis of the TRANSITION study. European Journal of Heart Failure, 2020, 22, 303-312.	7.1	52
25	The detrimental effect of COVIDâ€19 nationwide quarantine on accelerometerâ€assessed physical activity of heart failure patients. ESC Heart Failure, 2020, 7, 2093-2097.	3.1	52
26	Extracorporeal membrane oxygenation for COVID-19 during first and second waves. Lancet Respiratory Medicine,the, 2021, 9, e80-e81.	10.7	52
27	Dapagliflozin and the Incidence of Type 2 Diabetes in Patients With Heart Failure and Reduced Ejection Fraction: An Exploratory Analysis From DAPA-HF. Diabetes Care, 2021, 44, 586-594.	8.6	50
28	Extracorporeal life support in the emergency department: A narrative review for the emergency physician. Resuscitation, 2018, 133, 108-117.	3.0	45
29	Veno-arterial ECMO in severe acute right ventricular failure with pulmonary obstructive hemodynamic pattern. Journal of Invasive Cardiology, 2010, 22, 365-9.	0.4	43
30	Brain monitoring in adult and pediatric ECMO patients: the importance of early and late assessments. Minerva Anestesiologica, 2017, 83, 1061-1074.	1.0	42
31	Rationale and design of <scp>TRANSITION</scp>: a randomized trial of preâ€discharge vs. postâ€discharge initiation of sacubitril/valsartan. ESC Heart Failure, 2018, 5, 327-336.	3.1	42
32	Extracorporeal CO2 removal in critically ill patients: a systematic review. Minerva Anestesiologica, 2017, 83, 762-772.	1.0	39
33	Cardiogenic Shock in Patient with Posterior Postinfarction Septal Rupture-Successful Treatment with Extracorporeal Membrane Oxygenation (ECMO) as a Ventricular Assist Device. Journal of Cardiac Surgery, 2009, 24, 435-436.	0.7	37
34	Echocardiography in extracorporeal life support: A key player in procedural guidance, tailoring and monitoring. Perfusion (United Kingdom), 2018, 33, 31-41.	1.0	37
35	Efficacy of dapagliflozin in heart failure with reduced ejection fraction according to body mass index. European Journal of Heart Failure, 2021, 23, 1662-1672.	7.1	36
36	Severe Allergic Dermatitis After Closure of Foramen Ovale With Amplatzer Occluder. Annals of Thoracic Surgery, 2013, 96, e57-e59.	1.3	31

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37	Venoarterial Extracorporeal Membrane Oxygenation for Postcardiotomy Shockâ€"Analysis of the Extracorporeal Life Support Organization Registry*. Critical Care Medicine, 2021, 49, 1107-1117.	0.9	31
38	Validity of six consumer-level activity monitors for measuring steps in patients with chronic heart failure. PLoS ONE, 2019, 14, e0222569.	2.5	30
39	Extracorporeal Membrane Oxygenation in Children with Coronavirus Disease 2019: Preliminary Report from the Collaborative European Chapter of the Extracorporeal Life Support Organization Prospective Survey. ASAIO Journal, 2021, 67, 121-124.	1.6	30
40	Efficacy and safety of sodiumâ€"glucose coâ€transporter 2 inhibition according to left ventricular ejection fraction in DAPAâ€HF. European Journal of Heart Failure, 2020, 22, 1247-1258.	7.1	29
41	Mild therapeutic hypothermia is superior to controlled normothermia for the maintenance of blood pressure and cerebral oxygenation, prevention of organ damage and suppression of oxidative stress after cardiac arrest in a porcine model. Journal of Translational Medicine, 2013, 11, 124.	4.4	28
42	Mechanical circulatory support for Takotsubo syndrome: a systematic review and meta-analysis. International Journal of Cardiology, 2020, 316, 31-39.	1.7	28
43	Conditions and procedures for in-hospital extracorporeal life support (ECLS) in cardiopulmonary resuscitation (CPR) of adult patients. Perfusion (United Kingdom), 2016, 31, 182-188.	1.0	27
44	Advances in accelerometry for cardiovascular patients: a systematic review with practical recommendations. ESC Heart Failure, 2020, 7, 2021-2031.	3.1	26
45	Navigating between Scylla and Charybdis: challenges and strategies for implementing guidelineâ€directed medical therapy in heart failure with reduced ejection fraction. European Journal of Heart Failure, 2021, 23, 1999-2007.	7.1	22
46	Cost-effectiveness of hospital treatment and outcomes of acute methanol poisoning during the Czech Republic mass poisoning outbreak. Journal of Critical Care, 2017, 39, 190-198.	2.2	21
47	Left ventricular unloading and the role of ECpella. European Heart Journal Supplements, 2021, 23, A27-A34.	0.1	21
48	Effect of a 6-month pedometer-based walking intervention on functional capacity in patients with chronic heart failure with reduced (HFrEF) and with preserved (HFpEF) ejection fraction: study protocol for two multicenter randomized controlled trials. Journal of Translational Medicine, 2017, 15, 153.	4.4	19
49	Positive Influence of Being Overweight/Obese on Long Term Survival in Patients Hospitalised Due to Acute Heart Failure. PLoS ONE, 2015, 10, e0117142.	2.5	18
50	Effects of a Novel Nitroxyl Donor in Acute HeartÂFailure. JACC: Heart Failure, 2021, 9, 146-157.	4.1	17
51	Hypothermic versus Normothermic Temperature Control after Cardiac Arrest. , 2022, 1, .		17
52	Hemodynamic changes in patients with extracorporeal membrane oxygenation (ECMO) demonstrated by contrast-enhanced CT examinations - implications for image acquisition technique. Perfusion (United Kingdom), 2017, 32, 220-225.	1.0	15
53	Brain perfusion evaluated by regional tissue oxygenation as a possible quality indicator of ongoing cardiopulmonary resuscitation. An experimental porcine cardiac arrest study. Perfusion (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	15
54	Extracorporeal membrane oxygenation in children with COVID-19 and PIMS-TS during the second and third wave. The Lancet Child and Adolescent Health, 2022, 6, e14-e15.	5.6	13

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55	Perception of prolonged extracorporeal membrane oxygenation in Europe: an EuroELSO survey. Perfusion (United Kingdom), 2020, 35, 81-85.	1.0	12
56	International survey of neuromonitoring and neurodevelopmental outcome in children and adults supported on extracorporeal membrane oxygenation in Europe. Perfusion (United Kingdom), 2023, 38, 245-260.	1.0	12
57	A narrative review of the technical standards for extracorporeal life support devices (pumps and) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	11
58	Transaortic or Pulmonary Artery Drainage for Left Ventricular Unloading in Venoarterial Extracorporeal Life Support: A Porcine Cardiogenic Shock Model. Seminars in Thoracic and Cardiovascular Surgery, 2021, 33, 724-732.	0.6	11
59	Microcirculatory blood flow during cardiac arrest and cardiopulmonary resuscitation does not correlate with global hemodynamics: an experimental study. Journal of Translational Medicine, 2016, 14, 163.	4.4	10
60	Time to start of cardiopulmonary resuscitation and the effect of target temperature management at 33Â°C and 36Â°C. Resuscitation, 2016, 99, 44-49.	3.0	10
61	The mechanical support of cardiogenic shock. Current Opinion in Critical Care, 2021, 27, 440-446.	3.2	10
62	Atrial Septostomy for Left Ventricular Unloading During Extracorporeal Membrane Oxygenation for CardiogenicÂShock. JACC: Cardiovascular Interventions, 2021, 14, 2698-2707.	2.9	10
63	Inducibility of ventricular fibrillation during mild therapeutic hypothermia: electrophysiological study in a swine model. Journal of Translational Medicine, 2015, 13, 72.	4.4	9
64	Refractory cardiogenic shock due to extensive anterior STEMI with covered left ventricular free wall rupture treated with awake VA-ECMO and LVAD as a double bridge to heart transplantation - collaboration of three cardiac centres. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2015, 159, 681-687.	0.6	9
65	Erectile Dysfunction in Young Myocardial Infarction Survivors: Evaluation, Follow Up. American Journal of Men's Health, 2017, 11, 1739-1744.	1.6	8
66	Pulmonary embolism, part II: Management. Experimental and Clinical Cardiology, 2013, 18, 139-47.	1.3	8
67	Effect of Pulsatility on Microcirculation in Patients Treated with Extracorporeal Cardiopulmonary Resuscitation: A Pilot Study. ASAIO Journal, 2017, 63, 386-391.	1.6	7
68	Landiolol for rate control management of atrial fibrillation in patients with cardiac dysfunction. European Heart Journal Supplements, 2018, 20, A19-A24.	0.1	7
69	Management of severe pulmonary hemorrhage in a neonate on veno-arterial ECMO by the temporary clamping of the endotracheal tube â€“ a case report. Perfusion (United Kingdom), 2018, 33, 77-80.	1.0	7
70	Targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest: a statistical analysis plan. Trials, 2020, 21, 831.	1.6	7
71	Health-related quality of life determinants in survivors of a mass methanol poisoning outbreak: six-year prospective cohort study. Clinical Toxicology, 2020, 58, 870-880.	1.9	6
72	Gender differences and survival after out of hospital cardiac arrest. American Journal of Emergency Medicine, 2022, 55, 27-31.	1.6	6

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73	Surgical Revascularisation in the Early Phase of ST-Segment Elevation Myocardial Infarction: Haemodynamic Status is More Important Than the Timing of the Operation. Heart Lung and Circulation, 2017, 26, 1323-1329.	0.4	5
74	Targeted temperature management in patients undergoing extracorporeal life support after out-of-hospital cardiac arrest: an EURO-ELSO 2018 annual conference survey. Perfusion (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.0	5
75	Management of accidental hypothermia: an established extracorporeal membrane oxygenation centre experience. Perfusion (United Kingdom), 2019, 34, 74-81.	1.0	5
76	Ex vivo models for research in extracorporeal membrane oxygenation: a systematic review of the literature. Perfusion (United Kingdom), 2020, 35, 38-49.	1.0	5
77	Coronary angiography and percutaneous coronary intervention in cardiac arrest patients without return of spontaneous circulation. Resuscitation, 2022, 175, 133-141.	3.0	5
78	Early vancomycin, amikacin and gentamicin concentrations in pulmonary artery and pulmonary tissue are not affected by VA ECMO (venoarterial extracorporeal membrane oxygenation) in a pig model of prolonged cardiac arrest. Pulmonary Pharmacology and Therapeutics, 2013, 26, 655-660.	2.6	4
79	Median Frequencies of Prolonged Ventricular Fibrillation treated by V-A ECMO Correspond to a Return of Spontaneous Circulation Rate. International Journal of Artificial Organs, 2014, 37, 48-57.	1.4	4
80	Multiple thrombophilia mutations as aÂpossible cause of premature myocardial infarction. Wiener Klinische Wochenschrift, 2017, 129, 503-508.	1.9	4
81	Microvascular perfusion in cardiac arrest: a review of microcirculatory imaging studies. Perfusion (United Kingdom), 2018, 33, 8-15.	1.0	4
82	Puncture and wiring of extracorporeal circuit for cannula safe removal or exchange. Perfusion (United Kingdom), 2016, 31, 604-607.	1.0	3
83	Dual veno-arterial extra-corporeal membrane oxygenation support in a patient with refractory hyperdynamic septic shock: a case report. Perfusion (United Kingdom), 2021, , 026765912199896.	1.0	3
84	Pediatric intensive care preparedness and ECMO availability in children with COVID-19: An international survey. Perfusion (United Kingdom), 2021, 36, 637-639.	1.0	3
85	ECLS Training and Simulation - Evaluation of the 8th Educational Corner of the EuroELSO Congress 2019 Held in Barcelona. Perfusion (United Kingdom), 2020, 35, 86-92.	1.0	3
86	Refractory Ventricle Arrhythmias Alternating with Pulseless Electrical Activity in a Young Woman Rescued by Extracorporeal Cardiopulmonary Resuscitation. Case Reports in Medicine, 2018, 2018, 1-4.	0.7	2
87	Giant cell myocarditis in an older patient â€“ reassessing the threshold for endomyocardial biopsy. ESC Heart Failure, 2020, 7, 3165-3168.	3.1	2
88	Supporting the circulation, but injuring the brain: the (still unsolved) threat and paradox of extracorporeal life support. Perfusion (United Kingdom), 2020, 35, 5-7.	1.0	2
89	Heart rate as an independent predictor of long term mortality of acute heart failure patients in sinus rhythm according to their ejection fraction: data from the AHEAD registry. European Journal of Internal Medicine, 2020, 78, 88-94.	2.2	2
90	Successfully Resuscitated Sudden Cardiac Death in a Young Homosexual Male with HIV Myocarditis. Current HIV Research, 2009, 7, 434-436.	0.5	2

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91	A patient with pulmonary hypertension waiting for donor lungs during the pandemic: 194Âdays on extracorporeal life support including 143Âdays on pulmonary artery to left atrium shunt. American Journal of Transplantation, 2022, , .	4.7	2
92	Veno-arterial extracorporeal membrane oxygenation for pheochromocytoma-related shock: treat cause and consequence. Perfusion (United Kingdom), 2020, 35, 18-19.	1.0	1
93	Increased Cardiopulmonary Fitness Is Associated with a Greater Reduction in Depression among People Who Underwent Bariatric Surgery. International Journal of Environmental Research and Public Health, 2021, 18, 2508.	2.6	1
94	Critical ostial celiac trunk stenosis presenting as abdominal angina during massive pulmonary embolism with cardiogenic shock. Journal of Invasive Cardiology, 2009, 21, 139-40.	0.4	1
95	Mechanical chest compressions in the coronary catheterization laboratory â€“ do not hesitate to go step further!. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2016, 24, 102.	2.6	0
96	Validation of new marker of fluid responsiveness based on Doppler assessment of blood flow velocity in superior vena cava in mechanically ventilated pigs. Intensive Care Medicine Experimental, 2018, 6, 36.	1.9	0
97	Perfusion and EuroELSO: A Revolution In Evolution - Indeed an ongoing evolvement - Online adaptation. Perfusion (United Kingdom), 2020, 35, 4-4.	1.0	0
98	Post MI Ventricular Septal Defect Treated by Percutaneous Implantation of Figulla Flex ASD Occluder. JACC: Cardiovascular Interventions, 2021, 14, e191-e193.	2.9	0
99	(Sudden cardiac arrest/death during sports). Cor Et Vasa, 2020, 62, 387-389.	0.1	0
100	Reply Letter to the Editor Regarding the ELSO Interim Guidelines for Veno-Arterial Extracorporeal Membrane Oxygenation in Adult Cardiac Patients. ASAIO Journal, 2022, Publish Ahead of Print, .	1.6	0
101	Mechanical circulatory support in cardiogenic shock and post-myocardial infarction mechanical complications.. Journal of Geriatric Cardiology, 2022, 19, 130-136.	0.2	0