Mikael Broman

List of Publications by Citations

66 papers	965 citations	19 h-index	29 g-index
77 ext. papers	1,440 ext. citations	3.8 avg, IF	4.85 L-index

#	Paper	IF	Citations
66	The Stockholm experience: interhospital transports on extracorporeal membrane oxygenation. *Critical Care*, **2015**, 19, 278	10.8	108
65	The Extracorporeal Life Support Organization Maastricht Treaty for Nomenclature in Extracorporeal Life Support. A Position Paper of the Extracorporeal Life Support Organization. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 447-451	10.2	90
64	Transportation of Critically Ill Patients on Extracorporeal Membrane Oxygenation. *Frontiers in Pediatrics*, **2016**, 4, 63	3.4	49
63	Predictors of intracranial hemorrhage in adult patients on extracorporeal membrane oxygenation: an observational cohort study. *Journal of Intensive Care*, **2017**, 5, 27	7	46
62	Flow-induced platelet activation in components of the extracorporeal membrane oxygenation circuit. *Scientific Reports*, **2018**, 8, 13985	4.9	44
61	Incidence, Outcome, and Predictors of Intracranial Hemorrhage in Adult Patients on Extracorporeal Membrane Oxygenation: A Systematic and Narrative Review. *Frontiers in Neurology*, **2018**, 9, 548	4.1	42
60	Adverse Events during Inter-Hospital Transports on Extracorporeal Membrane Oxygenation. *Prehospital Emergency Care*, **2017**, 21, 448-455	2.8	35
59	Extracorporeal membrane oxygenation for refractory cardiac arrest: a retrospective multicenter study. *Intensive Care Medicine*, **2020**, 46, 973-982	14.5	35
58	The ELSO Maastricht Treaty for ECLS Nomenclature: abbreviations for cannulation configuration in extracorporeal life support - a position paper of the Extracorporeal Life Support Organization. *Critical Care*, **2019**, 23, 36	10.8	34
57	Extracorporeal Membrane Oxygenation for Septic Shock. *Critical Care Medicine*, **2019**, 47, 1097-1105	1.4	34
56	Cannula Design and Recirculation During Venovenous Extracorporeal Membrane Oxygenation. *ASAIO Journal*, **2016**, 62, 737-742	3.6	32
55	Extracorporeal CO2 removal in critically ill patients: a systematic review. *Minerva Anestesiologica*, **2017**, 83, 762-772	1.9	31
54	Recirculation during veno-venous extra-corporeal membrane oxygenation--a simulation study. *International Journal of Artificial Organs*, **2015**, 38, 23-30	1.9	30
53	A Single-Center Experience of 900 Interhospital Transports on Extracorporeal Membrane Oxygenation. *Annals of Thoracic Surgery*, **2019**, 107, 119-127	2.7	29
52	Weaning from veno-venous extracorporeal membrane oxygenation: how I do it. *Journal of Thoracic Disease*, **2018**, 10, S692-S697	2.6	28
51	Differential hypoxemia during venoarterial extracorporeal membrane oxygenation. *Perfusion (United Kingdom)*, **2019**, 34, 22-29	1.9	26
50	Six-Month Survival After Extracorporeal Membrane Oxygenation for Severe COVID-19. *Journal of Cardiothoracic and Vascular Anesthesia*, **2021**, 35, 1999-2006	2.1	22

49	Management of intracranial hemorrhage in adult patients on extracorporeal membrane oxygenation (ECMO): An observational cohort study. *PLoS ONE*, **2017**, 12, e0190365	3.7	21
48	Inter-hospital transports on extracorporeal membrane oxygenation in different health-care systems. *Journal of Thoracic Disease*, **2017**, 9, 3425-3429	2.6	19
47	Pressure and flow properties of cannulae for extracorporeal membrane oxygenation II: drainage (venous) cannulae. *Perfusion (United Kingdom)*, **2019**, 34, 65-73	1.9	18
46	Pressure and flow properties of cannulae for extracorporeal membrane oxygenation I: return (arterial) cannulae. *Perfusion (United Kingdom)*, **2019**, 34, 58-64	1.9	14
45	International Survey on Extracorporeal Membrane Oxygenation Transport. *ASAIO Journal*, **2020**, 66, 214-225	3.6	14
44	Extracorporeal membrane oxygenation for COVID-19 during first and second waves. *Lancet Respiratory Medicine,the*, **2021**, 9, e80-e81	35.1	14
43	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	3.6	9
42	Extracorporeal life support in COVID-19-related acute respiratory distress syndrome: A EuroELSO international survey. *Artificial Organs*, **2021**, 45, 495-505	2.6	9
41	Veno-venous extracorporeal membrane oxygenation in the surgical management of post-traumatic intrathoracic tracheal transection. *Journal of Thoracic Disease*, **2018**, 10, 7045-7051	2.6	9
40	A narrative review of the technical standards for extracorporeal life support devices (pumps and oxygenators) in Europe. *Perfusion (United Kingdom)*, **2018**, 33, 553-561	1.9	9
39	Modeling sensitivity and uncertainties in platelet activation models applied on centrifugal pumps for extracorporeal life support. *Scientific Reports*, **2019**, 9, 8809	4.9	6
38	Extubate Before Venovenous Extracorporeal Membranous Oxygenation Decannulation or Decannulate While Remaining on the Ventilator? The EuroELSO 2019 Weaning Survey. *ASAIO Journal*, **2021**, 67, e86-e89	3.6	6
37	Validation of Prognostic Scores in Extracorporeal Life Support: A Multi-Centric Retrospective Study. *Membranes*, **2021**, 11,	3.8	6
36	Effect of nitric oxide on renal autoregulation during hypothermia in the rat. *Pflugers Archiv European Journal of Physiology*, **2017**, 469, 669-680	4.6	5
35	Serial S100B Sampling Detects Intracranial Lesion Development in Patients on Extracorporeal Membrane Oxygenation. *Frontiers in Neurology*, **2019**, 10, 512	4.1	5
34	Transport on extracorporeal membrane oxygenation for congenital diaphragmatic hernia: A unique center experience. *Journal of Pediatric Surgery*, **2019**, 54, 2048-2052	2.6	5
33	Serum selenium in critically ill patients: Profile and supplementation in a depleted region. *Acta Anaesthesiologica Scandinavica*, **2020**, 64, 803-809	1.9	5
32	Extracorporeal membrane oxygenation rescue in adolescent with bronchiolitis obliterans-organizing pneumonia like Wegener's granulomatosis. *Clinical Case Reports (discontinued)*, **2017**, 5, 29-34	0.7	4

31	Fluid balance after continuous renal replacement therapy initiation and outcome in paediatric multiple organ failure. *Acta Anaesthesiologica Scandinavica*, **2019**, 63, 1028-1036	1.9	4
30	Ex vivo models for research in extracorporeal membrane oxygenation: a systematic review of the literature. *Perfusion (United Kingdom)*, **2020**, 35, 38-49	1.9	4
29	Perception of prolonged extracorporeal membrane oxygenation in Europe: an EuroELSO survey. *Perfusion (United Kingdom)*, **2020**, 35, 81-85	1.9	4
28	Veno-Venous ECMO in Europe: are we all speaking the same language?. *Minerva Anestesiologica*, **2017**, 83, 424-425	1.9	4
27	Double lumen catheter placement during VV ECMO in an infant with persistent left superior vena cava-important considerations. *ASAIO Journal*, **2014**, 60, 603-5	3.6	4
26	Extracorporeal Membrane Oxygenation in Patients With COVID-19: An International Multicenter Cohort Study. *Journal of Intensive Care Medicine*, **2021**, 36, 910-917	3.3	4
25	Dynamic extracorporeal life support: A novel management modality in temporary cardio-circulatory assistance. *Artificial Organs*, **2021**, 45, 427-434	2.6	4
24	Predictors of brain infarction in adult patients on extracorporeal membrane oxygenation: an observational cohort study. *Scientific Reports*, **2021**, 11, 3809	4.9	4
23	Interhospital Transport on Extracorporeal Membrane Oxygenation of Neonates-Perspective for the Future. *Frontiers in Pediatrics*, **2019**, 7, 329	3.4	3
22	Heart failure supported by veno-arterial extracorporeal membrane oxygenation (ECMO): a systematic review of pre-clinical models. *Intensive Care Medicine Experimental*, **2020**, 8, 16	3.7	3
21	Extracorporeal Membrane Oxygenation Support in Children With Hematologic Malignancies in Sweden. *Journal of Pediatric Hematology/Oncology*, **2021**, 43, e272-e275	1.2	3
20	An experimental model of veno-venous arterial extracorporeal membrane oxygenation. *International Journal of Artificial Organs*, **2020**, 43, 268-276	1.9	3
19	A Large Retrospective Assessment of Voriconazole Exposure in Patients Treated with Extracorporeal Membrane Oxygenation. *Microorganisms*, **2021**, 9,	4.9	3
18	Confined jets in co-flow: effect of the flow rate ratio and lateral position of a return cannula on the flow dynamics. *SN Applied Sciences*, **2020**, 2, 1	1.8	2
17	Carbon Dioxide Elimination During Veno-Venous Extracorporeal Membrane Oxygenation Weaning: A Pilot Study. *ASAIO Journal*, **2021**, 67, 700-708	3.6	2
16	Understanding the "extracorporeal membrane oxygenation gap" in veno-arterial configuration for adult patients: Timing and causes of death. *Artificial Organs*, **2021**, 45, 1155-1167	2.6	2
15	Early Findings after Implementation of Veno-Arteriovenous ECMO: A Multicenter European Experience. *Membranes*, **2021**, 11,	3.8	2
14	Mechanical Power during Veno-Venous Extracorporeal Membrane Oxygenation Initiation: A Pilot-Study. *Membranes*, **2021**, 11,	3.8	2

List of Publications

13	Extracorporeal membrane oxygenation in children with COVID-19 and PIMS-TS during the second and third wave.. *The Lancet Child and Adolescent Health*, **2022**,	14.5	2
12	When antithrombin substitution strikes back. *Perfusion (United Kingdom)*, **2020**, 35, 34-37	1.9	1
11	RBC Transfusion in Venovenous Extracorporeal Membrane Oxygenation: A Multicenter Cohort Study.. *Critical Care Medicine*, **2022**, 50, 224-234	1.4	1
10	Extracorporeal cardiopulmonary resuscitation for refractory in-hospital cardiac arrest: A retrospective cohort study.. *International Journal of Cardiology*, **2022**,	3.2	1
9	ICU Admission in Children With Acute Lymphoblastic Leukemia in Sweden: Prevalence, Outcome, and Risk Factors. *Pediatric Critical Care Medicine*, **2021**, 22, 1050-1060	3	1
8	Blood Pumps for Extracorporeal Membrane Oxygenation: Platelet Activation During Different Operating Conditions. *ASAIO Journal*, **2021**,	3.6	1
7	Conversion from Venovenous to Venoarterial Extracorporeal Membrane Oxygenation in Adults. *Membranes*, **2021**, 11,	3.8	1
6	International survey of neuromonitoring and neurodevelopmental outcome in children and adults supported on extracorporeal membrane oxygenation in Europe. *Perfusion (United Kingdom)*, **2021**, 2676591211042563	1.9	1
5	Differential hypoxemia and the clinical significance of venous drainage position during extracorporeal membrane oxygenation.. *Perfusion (United Kingdom)*, **2022**, 2676591221090667	1.9	1
4	Extracorporeal membrane oxygenation during pregnancy and peripartal. An international retrospective multicenter study.. *Perfusion (United Kingdom)*, **2022**, 2676591221090668	1.9	1
3	Pressure and flow properties of dual-lumen cannulae for extracorporeal membrane oxygenation. *Perfusion (United Kingdom)*, **2020**, 35, 736-744	1.9	0
2	Introducing the Loop for Circuit Access during Extracorporeal Membrane Oxygenation: Feasibility and Safety. *Journal of Extra-Corporeal Technology*, **2019**, 51, 175-178	0.4	0
1	Flow Dynamics and Mixing in Extracorporeal Support: A Study of the Return Cannula. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 630568	5.8	0