

# Matthieu Schmidt

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114  
papers

5,383  
citations

39  
h-index

72  
g-index

128  
ext. papers

7,487  
ext. citations

8.7  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
114	Effect of prone positioning on survival in adult patients receiving venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a systematic review and meta-analysis.. <i>Intensive Care Medicine</i> , <b>2022</b> , 48, 270	14.5	3
113	The Right Ventricle During Venovenous Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome: Can We Protect the Injured Ventricle?. <i>ASAIO Journal</i> , <b>2022</b> , 68, 456-460 <sup>3.6</sup>	3.6	1
112	Preemptive acyclovir to prevent herpes simplex virus bronchopneumonitis in mechanically ventilated patients with herpes simplex virus oropharyngeal reactivation: An ancillary study of the preemptive treatment for herpesviridae trial. <i>Antiviral Therapy</i> , <b>2022</b> , 27, 135965352110726	1.6	
111	Prone positioning during venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a pooled individual patient data analysis.. <i>Critical Care</i> , <b>2022</b> , 26, 8	10.8	1
110	Extracorporeal cardiopulmonary resuscitation for refractory in-hospital cardiac arrest: A retrospective cohort study.. <i>International Journal of Cardiology</i> , <b>2022</b> ,	3.2	1
109	Amniotic fluid embolism rescued by venoarterial extracorporeal membrane oxygenation.. <i>Critical Care</i> , <b>2022</b> , 26, 96	10.8	1
108	Prevalence, Characteristics, and Outcomes of COVID-19-Associated Acute Myocarditis.. <i>Circulation</i> , <b>2022</b> , 145, 1123-1139	16.7	13
107	Fulminant myocarditis in adults: a narrative review.. <i>Journal of Geriatric Cardiology</i> , <b>2022</b> , 19, 137-151	1.7	
106	Evolving outcomes of extracorporeal membrane oxygenation support for severe COVID-19 ARDS in Sorbonne hospitals, Paris. <i>Critical Care</i> , <b>2021</b> , 25, 355	10.8	4
105	Elevated Venous to Arterial Carbon Dioxide Gap and Anion Gap Are Associated with Poor Outcome in Cardiogenic Shock Requiring Extracorporeal Membrane Oxygenation Support. <i>ASAIO Journal</i> , <b>2021</b> , 67, 263-269	3.6	5
104	The authors reply. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e545-e546	1.4	
103	Venous or arterial thromboses after venoarterial extracorporeal membrane oxygenation support: Frequency and risk factors. <i>Journal of Heart and Lung Transplantation</i> , <b>2021</b> , 40, 307-315	5.8	3
102	Awake venoarterial extracorporeal membrane oxygenation for refractory cardiogenic shock. <i>European Heart Journal: Acute Cardiovascular Care</i> , <b>2021</b> , 10, 585-594	4.3	5
101	Characteristics, management, and prognosis of elderly patients with COVID-19 admitted in the ICU during the first wave: insights from the COVID-ICU study : Prognosis of COVID-19 elderly critically ill patients in the ICU. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 77	8.9	14
100	Extracorporeal Membrane Oxygenation Induces Early Alterations in Coagulation and Fibrinolysis Profiles in COVID-19 Patients with Acute Respiratory Distress Syndrome. <i>Thrombosis and Haemostasis</i> , <b>2021</b> , 121, 1031-1042	7	5
99	Distinct cytokine profiles associated with COVID-19 severity and mortality. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 2098-2107	11.5	18
98	Arrhythmia-induced cardiomyopathy: A potentially reversible cause of refractory cardiogenic shock requiring venoarterial extracorporeal membrane oxygenation. <i>Heart Rhythm</i> , <b>2021</b> , 18, 1106-1112	6.7	1

97	Prone-Positioning for Severe Acute Respiratory Distress Syndrome Requiring Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , <b>2021</b> ,	1.4	7
96	Post-discharge arrhythmic risk stratification of patients with acute myocarditis and life-threatening ventricular tachyarrhythmias. <i>European Journal of Heart Failure</i> , <b>2021</b> ,	12.3	4
95	Coronavirus Disease 2019 Acute Myocarditis and Multisystem Inflammatory Syndrome in Adult Intensive and Cardiac Care Units. <i>Chest</i> , <b>2021</b> , 159, 657-662	5.3	51
94	Changes in Venous Arterial Extracorporeal Membrane Oxygenation Management Over Time Could Explain a More Frequent Diagnosis of Neurological Complications in That Population. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e342-e343	1.4	1
93	The authors reply. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e334-e335	1.4	
92	Tracheostomy management in patients with severe acute respiratory distress syndrome receiving extracorporeal membrane oxygenation: an International Multicenter Retrospective Study. <i>Critical Care</i> , <b>2021</b> , 25, 238	10.8	7
91	ELSO Interim Guidelines for Venous Arterial Extracorporeal Membrane Oxygenation in Adult Cardiac Patients. <i>ASAIO Journal</i> , <b>2021</b> , 67, 827-844	3.6	26
90	Prone positioning during venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2021</b> , 25, 292	10.8	9
89	Extracorporeal membrane oxygenation network organisation and clinical outcomes during the COVID-19 pandemic in Greater Paris, France: a multicentre cohort study. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, 851-862	35.1	54
88	Lung transplantation for COVID-19-associated ARDS. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, e89	35.1	1
87	International survey of neuromonitoring and neurodevelopmental outcome in children and adults supported on extracorporeal membrane oxygenation in Europe. <i>Perfusion (United Kingdom)</i> , <b>2021</b> , 2676591211042563	19.1	1
86	Predicting 90-day survival of patients with COVID-19: Survival of Severely Ill COVID (SOSIC) scores.. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 170	8.9	2
85	Severe pulmonary embolism in COVID-19 patients: a call for increased awareness. <i>Critical Care</i> , <b>2020</b> , 24, 274	10.8	28
84	Systemic Inflammatory Response Syndrome Is a Major Contributor to COVID-19-Associated Coagulopathy: Insights From a Prospective, Single-Center Cohort Study. <i>Circulation</i> , <b>2020</b> , 142, 611-614	16.7	69
83	Usefulness of point-of-care multiplex PCR to rapidly identify pathogens responsible for ventilator-associated pneumonia and their resistance to antibiotics: an observational study. <i>Critical Care</i> , <b>2020</b> , 24, 378	10.8	10
82	Prone positioning monitored by electrical impedance tomography in patients with severe acute respiratory distress syndrome on veno-venous ECMO. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 12	8.9	25
81	Spinal-cardiac crosstalk. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1614-1615	14.5	1
80	Viral genome search in myocardium of patients with fulminant myocarditis. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 1277-1280	12.3	14

79	Expert consensus-based clinical practice guidelines management of intravascular catheters in the intensive care unit. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 118	8.9	28
78	Heart failure supported by veno-arterial extracorporeal membrane oxygenation (ECMO): a systematic review of pre-clinical models. <i>Intensive Care Medicine Experimental</i> , <b>2020</b> , 8, 16	3.7	3
77	Joint Society of Critical Care Medicine-Extracorporeal Life Support Organization Task Force Position Paper on the Role of the Intensivist in the Initiation and Management of Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 838-846	1.4	10
76	Mechanical thrombectomy in acute ischemic stroke patients under venoarterial extracorporeal membrane oxygenation. <i>Journal of NeuroInterventional Surgery</i> , <b>2020</b> , 12, 486-488	7.8	9
75	Thyroid Storm in the ICU: A Retrospective Multicenter Study. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 83-90	1.4	17
74	Position Paper on Global Extracorporeal Membrane Oxygenation Education and Educational Agenda for the Future: A Statement From the Extracorporeal Life Support Organization ECMOed Taskforce. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 406-414	1.4	22
73	ECMO for severe ARDS: systematic review and individual patient data meta-analysis. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2048-2057	14.5	69
72	Long-term mortality and costs following use of Impella <sup>®</sup> for mechanical circulatory support: a population-based cohort study. <i>Canadian Journal of Anaesthesia</i> , <b>2020</b> , 67, 1728-1737	3	2
71	A single-center long-term experience with marginal donor utilization for heart transplantation. <i>Clinical Transplantation</i> , <b>2020</b> , 34, e14057	3.8	4
70	Extracorporeal membrane oxygenation for severe acute respiratory distress syndrome associated with COVID-19: a retrospective cohort study. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 1121-1131	35.1	195
69	Extracorporeal life support for adults with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2464-2476	14.5	40
68	Overcoming bleeding events related to extracorporeal membrane oxygenation in COVID-19 - Authors' reply. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, e89	35.1	9
67	Extracorporeal Membrane Oxygenation to Support Life-Threatening Drug-Refractory Electrical Storm. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e856-e863	1.4	7
66	Venoarterial extracorporeal membrane oxygenation to rescue sepsis-induced cardiogenic shock: a retrospective, multicentre, international cohort study. <i>Lancet, The</i> , <b>2020</b> , 396, 545-552	40	39
65	Mechanical Ventilation Management during Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. An International Multicenter Prospective Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 1002-1012	10.2	116
64	Hemoglobin trigger and approach to red blood cell transfusions during veno-venous extracorporeal membrane oxygenation: the international TRAIN-ECMO survey. <i>Perfusion (United Kingdom)</i> , <b>2019</b> , 34, 39-48	1.9	12
63	In a Patient Under ECMO. <i>Lessons From the ICU</i> , <b>2019</b> , 469-479	0.1	
62	Emergency Abdominal Surgery Outcomes of Critically Ill Patients on Extracorporeal Membrane Oxygenation: A Case-Matched Study with a Propensity Score Analysis. <i>World Journal of Surgery</i> , <b>2019</b> , 43, 1474-1482	3.3	5

61	Use of non-carbapenem antibiotics to treat severe extended-spectrum $\beta$ -lactamase-producing Enterobacteriaceae infections in intensive care unit patients. <i>International Journal of Antimicrobial Agents</i> , <b>2019</b> , 53, 547-552	14.3	7
60	Fulminant Versus Acute Nonfulminant Myocarditis in Patients With Left Ventricular Systolic Dysfunction. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 299-311	15.1	74
59	Benefits of Impella and Peripheral Veno-Arterial Extra Corporeal Life Support Alliance. <i>ASAIO Journal</i> , <b>2019</b> , 65, 837-844	3.6	6
58	Transvenous Renal Biopsy of Critically Ill Patients: Safety and Diagnostic Yield. <i>Critical Care Medicine</i> , <b>2019</b> , 47, 386-392	1.4	0
57	Ultra-Protective Ventilation Reduces Biotrauma in Patients on Venovenous Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , <b>2019</b> , 47, 1505-1512	1.4	46
56	Practice Patterns and Ethical Considerations in the Management of Venovenous Extracorporeal Membrane Oxygenation Patients: An International Survey. <i>Critical Care Medicine</i> , <b>2019</b> , 47, 1346-1355	1.4	17
55	Extracorporeal Life Support for Severe Acute Chest Syndrome in Adult Sickle Cell Disease: A Preliminary Report. <i>Critical Care Medicine</i> , <b>2019</b> , 47, e263-e265	1.4	11
54	Recent advances in venovenous extracorporeal membrane oxygenation for severe acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , <b>2019</b> , 25, 71-76	3.5	4
53	ECMO for ARDS: from salvage to standard of care?. <i>Lancet Respiratory Medicine</i> , <b>2019</b> , 7, 108-110	35.1	54
52	Position paper for the organization of ECMO programs for cardiac failure in adults. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 717-729	14.5	162
51	Retrieval of severe acute respiratory failure patients on extracorporeal membrane oxygenation: Any impact on their outcomes?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 155, 1621-1629.e2	1.5	23
50	Fulminant giant-cell myocarditis on mechanical circulatory support: Management and outcomes of a French multicentre cohort. <i>International Journal of Cardiology</i> , <b>2018</b> , 253, 105-112	3.2	23
49	Six-Month Outcome of Immunocompromised Patients with Severe Acute Respiratory Distress Syndrome Rescued by Extracorporeal Membrane Oxygenation. An International Multicenter Retrospective Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1297-1307	10.2	62
48	Extensive Myocardial Calcification in Critically Ill Patients. <i>Critical Care Medicine</i> , <b>2018</b> , 46, e702-e706	1.4	8
47	Have we averted deaths using venoarterial ECMO?. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 2219-2221	14.5	4
46	Intra-aortic balloon pump protects against hydrostatic pulmonary oedema during peripheral venoarterial-extracorporeal membrane oxygenation. <i>European Heart Journal: Acute Cardiovascular Care</i> , <b>2018</b> , 7, 62-69	4.3	72
45	When the heart gets the flu: Fulminant influenza B myocarditis: A case-series report and review of the literature. <i>Journal of Critical Care</i> , <b>2018</b> , 47, 61-64	4	18
44	Feasibility and safety of low-flow extracorporeal CO removal managed with a renal replacement platform to enhance lung-protective ventilation of patients with mild-to-moderate ARDS. <i>Critical Care</i> , <b>2018</b> , 22, 122	10.8	48

43	Prevalence and outcome of heparin-induced thrombocytopenia diagnosed under veno-arterial extracorporeal membrane oxygenation: a retrospective nationwide study. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1460-1469	14.5	30
42	Ventilator-associated pneumonia in extracorporeal membrane oxygenation-assisted patients. <i>Annals of Translational Medicine</i> , <b>2018</b> , 6, 427	3.2	4
41	Co-infection with influenza-associated acute respiratory distress syndrome requiring extracorporeal membrane oxygenation. <i>International Journal of Antimicrobial Agents</i> , <b>2018</b> , 51, 427-433	14.3	10
40	Percutaneous versus surgical femoro-femoral veno-arterial ECMO: a propensity score matched study. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 2153-2161	14.5	65
39	Microcirculation in cardiogenic shock supported with extracorporeal membrane oxygenation: the need for a homogeneous population and strict evolution assessment. <i>Critical Care</i> , <b>2018</b> , 22, 281	10.8	1
38	Predictors of insufficient peak amikacin concentration in critically ill patients on extracorporeal membrane oxygenation. <i>Critical Care</i> , <b>2018</b> , 22, 199	10.8	12
37	Bedside Contribution of Electrical Impedance Tomography to Setting Positive End-Expiratory Pressure for Extracorporeal Membrane Oxygenation-treated Patients with Severe Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 447-457	10.2	78
36	The ICM research agenda on extracorporeal life support. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1306-1318	14.5	61
35	Characteristics and Outcome of Patients After Allogeneic Hematopoietic Stem Cell Transplantation Treated With Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , <b>2017</b> , 45, e500-e507	1.4	37
34	Life-threatening massive pulmonary embolism rescued by venoarterial-extracorporeal membrane oxygenation. <i>Critical Care</i> , <b>2017</b> , 21, 76	10.8	106
33	ECMO Cardio-Pulmonary Resuscitation (ECPR), trends in survival from an international multicentre cohort study over 12-years. <i>Resuscitation</i> , <b>2017</b> , 112, 34-40	4	130
32	Breathlessness despite optimal pathophysiological treatment: on the relevance of being chronic. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	12
31	Extra-corporeal membrane oxygenation-associated infections: implication of extra-intestinal pathogenic Escherichia coli clones. <i>Journal of Medical Microbiology</i> , <b>2017</b> , 66, 1189-1195	3.2	3
30	To be or not to be on ECMO: can survival prediction models solve the question?. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , <b>2017</b> , 19, 21-28	2.8	2
29	Ten situations in which ECMO is unlikely to be successful. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 750-752	14.5	34
28	Four situations in which ECMO might have a chance: response to Staudacher et al. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1307	14.5	
27	Brain injury during venovenous extracorporeal membrane oxygenation. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 897-907	14.5	134
26	The ENCOURAGE mortality risk score and analysis of long-term outcomes after VA-ECMO for acute myocardial infarction with cardiogenic shock. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 370-378	14.5	240

25	Extracorporeal membrane oxygenation for interstitial lung disease: what is on the other side of the bridge?. <i>Journal of Thoracic Disease</i> , <b>2016</b> , 8, 1918-20	2.6	2
24	Outcomes and survival prediction models for severe adult acute respiratory distress syndrome treated with extracorporeal membrane oxygenation. <i>Critical Care</i> , <b>2016</b> , 20, 392	10.8	56
23	Associations between ventilator settings during extracorporeal membrane oxygenation for refractory hypoxemia and outcome in patients with acute respiratory distress syndrome: a pooled individual patient data analysis : Mechanical ventilation during ECMO. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1672-1684	14.5	112
22	Predictive factors of bleeding events in adults undergoing extracorporeal membrane oxygenation. <i>Annals of Intensive Care</i> , <b>2016</b> , 6, 97	8.9	103
21	Neurally adjusted ventilatory assist and proportional assist ventilation both improve patient-ventilator interaction. <i>Critical Care</i> , <b>2015</b> , 19, 56	10.8	49
20	Extracorporeal gas exchange for acute respiratory failure in adult patients: a systematic review. <i>Critical Care</i> , <b>2015</b> , 19, 99	10.8	49
19	Mechanical ventilation management during extracorporeal membrane oxygenation for acute respiratory distress syndrome: a retrospective international multicenter study. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 654-64	1.4	135
18	Predicting survival after ECMO for refractory cardiogenic shock: the survival after veno-arterial-ECMO (SAVE)-score. <i>European Heart Journal</i> , <b>2015</b> , 36, 2246-56	9.5	423
17	Influence of ventilatory strategy on the PRESERVE mortality risk score: response to Camporota et al. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 916	14.5	1
16	What's new with survival prediction models in acute respiratory failure patients requiring extracorporeal membrane oxygenation. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1155-8	14.5	8
15	Unrecognized suffering in the ICU: addressing dyspnea in mechanically ventilated patients. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1-10	14.5	83
14	Video-based feedback of oral clinical presentations reduces the anxiety of ICU medical students: a multicentre, prospective, randomized study. <i>BMC Medical Education</i> , <b>2014</b> , 14, 103	3.3	11
13	Predicting survival after extracorporeal membrane oxygenation for severe acute respiratory failure. The Respiratory Extracorporeal Membrane Oxygenation Survival Prediction (RESP) score. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 1374-82	10.2	417
12	Impact of fluid balance on outcome of adult patients treated with extracorporeal membrane oxygenation. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1256-66	14.5	104
11	Increased diaphragmatic contribution to inspiratory effort during neurally adjusted ventilatory assistance versus pressure support: an electromyographic study. <i>Anesthesiology</i> , <b>2014</b> , 121, 1028-36	4.3	14
10	The PRESERVE mortality risk score and analysis of long-term outcomes after extracorporeal membrane oxygenation for severe acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 1704-13	14.5	355
9	Dyspnea and surface inspiratory electromyograms in mechanically ventilated patients. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 1368-76	14.5	43
8	Blood oxygenation and decarboxylation determinants during venovenous ECMO for respiratory failure in adults. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 838-46	14.5	184

7	Venoarterial extracorporeal membrane oxygenation support for refractory cardiovascular dysfunction during severe bacterial septic shock. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 1616-26	1.4	182
6	Nosocomial infections in adult cardiogenic shock patients supported by venoarterial extracorporeal membrane oxygenation. <i>Clinical Infectious Diseases</i> , <b>2012</b> , 55, 1633-41	11.6	171
5	What is the niche for extracorporeal membrane oxygenation in severe acute respiratory distress syndrome?. <i>Current Opinion in Critical Care</i> , <b>2012</b> , 18, 527-32	3.5	37
4	Neurally adjusted ventilatory assist improves patient-ventilator interaction during postextubation prophylactic noninvasive ventilation. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 1738-44	1.4	51
3	Dyspnea in mechanically ventilated critically ill patients. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 2059-65	1.4	100
2	A lethal case of meningitis due to <i>Lactobacillus rhamnosus</i> as a late complication of anterior cervical spine surgery. <i>Journal of Infection</i> , <b>2011</b> , 62, 309-10	18.9	8
1	Neurally adjusted ventilatory assist increases respiratory variability and complexity in acute respiratory failure. <i>Anesthesiology</i> , <b>2010</b> , 112, 670-81	4.3	85