

# Nicolas BrÃ©chot

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

5,936  
citations

87888

38  
h-index

74163

75  
g-index

83  
all docs

83  
docs citations

83  
times ranked

7648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracorporeal cardiopulmonary resuscitation for refractory in-hospital cardiac arrest: A retrospective cohort study. <i>International Journal of Cardiology</i> , 2022, 350, 48-54.	1.7	5
2	Coronavirus Disease 2019 Acute Myocarditis and Multisystem Inflammatory Syndrome in Adult Intensive and Cardiac Care Units. <i>Chest</i> , 2021, 159, 657-662.	0.8	78
3	Association between cytomegalovirus infection and allograft rejection in a large contemporary cohort of heart transplant recipients. <i>Transplant Infectious Disease</i> , 2021, 23, e13569.	1.7	6
4	Outcomes of severe systemic rheumatic disease patients requiring extracorporeal membrane oxygenation. <i>Annals of Intensive Care</i> , 2021, 11, 29.	4.6	4
5	Awake venoarterial extracorporeal membrane oxygenation for refractory cardiogenic shock. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 585-594.	1.0	18
6	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> , 2021, 121, 1031-1042.	3.4	12
7	Arrhythmia-induced cardiomyopathy: A potentially reversible cause of refractory cardiogenic shock requiring venoarterial extracorporeal membrane oxygenation. <i>Heart Rhythm</i> , 2021, 18, 1106-1112.	0.7	9
8	Venoarterial extracorporeal membrane oxygenation as mechanical circulatory support in adult septic shock: a systematic review and meta-analysis with individual participant data meta-regression analysis. <i>Critical Care</i> , 2021, 25, 246.	5.8	41
9	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> , 2021, 9, 851-862.	10.7	163
10	Microcirculation Evolution in Patients on Venoarterial Extracorporeal Membrane Oxygenation for Refractory Cardiogenic Shock. <i>Critical Care Medicine</i> , 2020, 48, e9-e17.	0.9	28
11	Favorable Outcomes of a Direct Heart Transplantation Strategy in Selected Patients on Extracorporeal Membrane Oxygenation Support. <i>Critical Care Medicine</i> , 2020, 48, 498-506.	0.9	31
12	Extracorporeal membrane oxygenation for severe acute respiratory distress syndrome associated with COVID-19: a retrospective cohort study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1121-1131.	10.7	344
13	Extracorporeal Membrane Oxygenation to Support Life-Threatening Drug-Refractory Electrical Storm. <i>Critical Care Medicine</i> , 2020, 48, e856-e863.	0.9	16
14	Venoarterial extracorporeal membrane oxygenation to rescue sepsis-induced cardiogenic shock: a retrospective, multicentre, international cohort study. <i>Lancet</i> , 2020, 396, 545-552.	13.7	108
15	Severe diffuse alveolar hemorrhage related to autoimmune disease: a multicenter study. <i>Critical Care</i> , 2020, 24, 231.	5.8	15
16	Severe pulmonary embolism in COVID-19 patients: a call for increased awareness. <i>Critical Care</i> , 2020, 24, 274.	5.8	39
17	Systemic Inflammatory Response Syndrome Is a Major Contributor to COVID-19-associated Coagulopathy. <i>Circulation</i> , 2020, 142, 611-614.	1.6	108
18	Venoarterial Extracorporeal Membrane Oxygenation Support Rescue of Obstructive Shock Caused by Bulky Compressive Mediastinal Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1181-1184.	5.6	4

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19	Incidence and Outcome of Subclinical Acute Kidney Injury Using penKid in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 822-829.	5.6	31
20	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> , 2020, 24, 378.	5.8	22
21	The place of extracorporeal life support in cardiogenic shock. <i>Current Opinion in Critical Care</i> , 2020, 26, 424-431.	3.2	4
22	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> , 2020, 10, 12.	4.6	43
23	Ventilator-associated pneumonia in patients with SARS-CoV-2-associated acute respiratory distress syndrome requiring ECMO: a retrospective cohort study. <i>Annals of Intensive Care</i> , 2020, 10, 158.	4.6	108
24	Prognostic Factors in Anti-glomerular Basement Membrane Disease: A Multicenter Study of 119 Patients. <i>Frontiers in Immunology</i> , 2019, 10, 1665.	4.8	31
25	Long-term outcome of heart transplantation performed after ventricular assist device compared with standard heart transplantation. <i>Archives of Cardiovascular Diseases</i> , 2019, 112, 485-493.	1.6	10
26	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> , 2019, 43, 1474-1482.	1.6	7
27	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> , 2019, 53, 547-552.	2.5	12
28	Transvenous Renal Biopsy of Critically Ill Patients: Safety and Diagnostic Yield. <i>Critical Care Medicine</i> , 2019, 47, 386-392.	0.9	8
29	Venoarterial extracorporeal membrane oxygenation in cardiogenic shock: indications, mode of operation, and current evidence. <i>Current Opinion in Critical Care</i> , 2019, 25, 397-402.	3.2	45
30	Favorable Outcome of an Exclusively Posttransplant Prophylactic Strategy After Heart Transplantation in Recipients With High Immunological Risk. <i>Transplantation</i> , 2019, 103, 1439-1449.	1.0	20
31	Ultra-Protective Ventilation Reduces Biotrauma in Patients on Venovenous Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2019, 47, 1505-1512.	0.9	83
32	One-Year Prognosis of Kidney Injury at Discharge From the ICU: A Multicenter Observational Study. <i>Critical Care Medicine</i> , 2019, 47, e953-e961.	0.9	21
33	Performance of existing risk scores around heart transplantation: validation study in a 4-year cohort. <i>Transplant International</i> , 2018, 31, 520-530.	1.6	13
34	Retrieval of severe acute respiratory failure patients on extracorporeal membrane oxygenation: Any impact on their outcomes?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1621-1629.e2.	0.8	31
35	Euglycemic ketoacidosis, a common and underrecognized complication of continuous renal replacement therapy using glucose-free solutions. <i>Intensive Care Medicine</i> , 2018, 44, 1185-1186.	8.2	10
36	Extensive Myocardial Calcification in Critically Ill Patients. <i>Critical Care Medicine</i> , 2018, 46, e702-e706.	0.9	11

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37	Intra-aortic balloon pump protects against hydrostatic pulmonary oedema during peripheral venoarterial-extracorporeal membrane oxygenation. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018, 7, 62-69.	1.0	119
38	Co-infection with influenza-associated acute respiratory distress syndrome requiring extracorporeal membrane oxygenation. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 427-433.	2.5	17
39	Ischemic and hemorrhagic brain injury during venoarterial-extracorporeal membrane oxygenation. <i>Annals of Intensive Care</i> , 2018, 8, 129.	4.6	91
40	Aerosol Therapy for Pneumonia in the Intensive Care Unit. <i>Clinics in Chest Medicine</i> , 2018, 39, 823-836.	2.1	10
41	Predictors of insufficient peak amikacin concentration in critically ill patients on extracorporeal membrane oxygenation. <i>Critical Care</i> , 2018, 22, 199.	5.8	24
42	When the heart gets the flu. <i>Journal of Critical Care</i> , 2018, 47, 61-64.	2.2	31
43	Determinants of long-term outcome in ICU survivors: results from the FROG-ICU study. <i>Critical Care</i> , 2018, 22, 8.	5.8	123
44	Mechanical circulatory devices in acute heart failure. <i>Current Opinion in Critical Care</i> , 2018, 24, 286-291.	3.2	18
45	Outcome after revascularisation of acute myocardial infarction with cardiogenic shock on extracorporeal life support. <i>EuroIntervention</i> , 2018, 13, 2160-2168.	3.2	29
46	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> , 2017, 196, 447-457.	5.6	116
47	Extracorporeal membrane oxygenation: beyond rescue therapy for acute respiratory distress syndrome?. <i>Current Opinion in Critical Care</i> , 2017, 23, 60-65.	3.2	14
48	Life-threatening massive pulmonary embolism rescued by venoarterial-extracorporeal membrane oxygenation. <i>Critical Care</i> , 2017, 21, 76.	5.8	152
49	Extracorporeal membrane oxygenation for pheochromocytoma-induced cardiogenic shock. <i>Annals of Intensive Care</i> , 2016, 6, 117.	4.6	42
50	Multidrug-resistant bacteria transmitted through high-density EEG in ICU. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 37, 65-68.	2.0	2
51	Venoarterial extracorporeal membrane oxygenation for refractory cardiogenic shock post-cardiac arrest. <i>Intensive Care Medicine</i> , 2016, 42, 1999-2007.	8.2	78
52	Four situations in which ECMO might have a chance: response to Staudacher et al.. <i>Intensive Care Medicine</i> , 2016, 42, 1307-1307.	8.2	0
53	Brain injury during venovenous extracorporeal membrane oxygenation. <i>Intensive Care Medicine</i> , 2016, 42, 897-907.	8.2	200
54	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> , 2016, 42, 370-378.	8.2	348

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55	Cardiogenic Shock: Evidence, Indications, and Exclusions. <i>Respiratory Medicine</i> , 2016, , 73-85.	0.1	0
56	Ten situations in which ECMO is unlikely to be successful. <i>Intensive Care Medicine</i> , 2016, 42, 750-752.	8.2	47
57	Severe and multiple hypoglycemic episodes are associated with increased risk of death in ICU patients. <i>Critical Care</i> , 2015, 19, 153.	5.8	37
58	Outcomes in Critically Ill Patients With Systemic Rheumatic Disease. <i>Chest</i> , 2015, 148, 927-935.	0.8	47
59	Late antibody-mediated rejection after heart transplantation: Mortality, graft function, and fulminant cardiac allograft vasculopathy. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1050-1057.	0.6	79
60	Prolonged extracorporeal membrane oxygenation and lung transplantation for isolated pulmonary anti-GBM (Goodpasture) disease. <i>Intensive Care Medicine</i> , 2015, 41, 1866-1868.	8.2	9
61	Procalcitonin to guide antibiotic therapy in the ICU. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, S19-S24.	2.5	59
62	Early High-Volume Hemofiltration versus Standard Care for Post-Cardiac Surgery Shock. The HEROICS Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1179-1190.	5.6	103
63	Antibiotic stewardship in the intensive care unit. <i>Critical Care</i> , 2014, 18, 480.	5.8	252
64	Intra-Aortic Balloon Pump Effects on Macrocirculation and Microcirculation in Cardiogenic Shock Patients Supported by Venoarterial Extracorporeal Membrane Oxygenation*. <i>Critical Care Medicine</i> , 2014, 42, 2075-2082.	0.9	146
65	What role do viruses play in nosocomial pneumonia?. <i>Current Opinion in Infectious Diseases</i> , 2014, 27, 194-199.	3.1	22
66	Tight computerized versus conventional glucose control in the ICU: a randomized controlled trial. <i>Intensive Care Medicine</i> , 2014, 40, 171-181.	8.2	120
67	Imipenem, Meropenem, or Doripenem To Treat Patients with <i>Pseudomonas aeruginosa</i> Ventilator-Associated Pneumonia. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1372-1380.	3.2	58
68	Impact of Red Blood Cell Transfusion on Platelet Aggregation and Inflammatory Response in Anemic Coronary and Noncoronary Patients. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1289-1296.	2.8	78
69	The authors reply. <i>Critical Care Medicine</i> , 2014, 42, e174.	0.9	0
70	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> , 2013, 39, 1704-1713.	8.2	454
71	Recombinant factor VIIa for uncontrollable bleeding in patients with extracorporeal membrane oxygenation: report on 15 cases and literature review. <i>Critical Care</i> , 2013, 17, R55.	5.8	52
72	Blood oxygenation and decarboxylation determinants during venovenous ECMO for respiratory failure in adults. <i>Intensive Care Medicine</i> , 2013, 39, 838-846.	8.2	262

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73	Delivering antibiotics to the lungs of patients with ventilator-associated pneumonia: an update. Expert Review of Anti-Infective Therapy, 2013, 11, 511-521.	4.4	28
74	Venoarterial Extracorporeal Membrane Oxygenation Support for Refractory Cardiovascular Dysfunction During Severe Bacterial Septic Shock*. Critical Care Medicine, 2013, 41, 1616-1626.	0.9	224
75	Prompt Diagnosis of a New Clinical Entity. ASAIO Journal, 2013, 59, 367.	1.6	4
76	What is the niche for extracorporeal membrane oxygenation in severe acute respiratory distress syndrome?. Current Opinion in Critical Care, 2012, 18, 527-532.	3.2	38
77	Nosocomial Infections in Adult Cardiogenic Shock Patients Supported by Venoarterial Extracorporeal Membrane Oxygenation. Clinical Infectious Diseases, 2012, 55, 1633-1641.	5.8	237
78	Lysyl oxidase-like protein-2 regulates sprouting angiogenesis and type IV collagen assembly in the endothelial basement membrane. Blood, 2011, 118, 3979-3989.	1.4	173
79	Usefulness of right ventricular isovolumic relaxation time in predicting systolic pulmonary artery pressure. European Journal of Echocardiography, 2008, 9, 547-554.	2.3	27
80	Modulation of Macrophage Activation State Protects Tissue from Necrosis during Critical Limb Ischemia in Thrombospondin-1-Deficient Mice. PLoS ONE, 2008, 3, e3950.	2.5	64
81	Activation of the UNC5B receptor by Netrin-1 inhibits sprouting angiogenesis. Genes and Development, 2007, 21, 2433-2447.	5.9	195
82	Extracellular Matrix- Bound Angiopoietin-Like 4 Inhibits Endothelial Cell Adhesion, Migration, and Sprouting and Alters Actin Cytoskeleton. Circulation Research, 2006, 99, 1207-1215.	4.5	168