

# Jacques Creteur

## List of Publications by Year in descending order

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Version: 2024-02-01

95  
papers

2,076  
citations

304743

22  
h-index

289244

40  
g-index

97  
all docs

97  
docs citations

97  
times ranked

2683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Appropriate care for the elderly in the ICU. <i>Journal of Internal Medicine</i> , 2022, 291, 458-468.	6.0	7
2	A comprehensive neuromonitoring approach in a large animal model of cardiac arrest. <i>Animal Models and Experimental Medicine</i> , 2022, 5, 56-60.	3.3	2
3	Hyperammonemia during treatment with valproate in critically ill patients. <i>Clinical Neurology and Neurosurgery</i> , 2022, 212, 107092.	1.4	0
4	An increase in skin blood flow induced by fluid challenge is associated with an increase in oxygen consumption in patients with circulatory shock. <i>Journal of Critical Care</i> , 2022, 69, 153984.	2.2	4
5	Detection of cerebral hypoperfusion with a dynamic hyperoxia test using brain oxygenation pressure monitoring. <i>Critical Care</i> , 2022, 26, 35.	5.8	6
6	Prognostic role of automatic pupillometry in sepsis: a retrospective study. <i>Minerva Anestesiologica</i> , 2022, 88, .	1.0	3
7	Cerebral Autoregulation Indices Are Not Interchangeable in Patients With Sepsis. <i>Frontiers in Neurology</i> , 2022, 13, 760293.	2.4	7
8	Phosphatase alkaline levels are not associated with poor outcomes in subarachnoid hemorrhage patients. <i>Clinical Neurology and Neurosurgery</i> , 2022, 215, 107185.	1.4	0
9	Pain pupillary index to prognosticate unfavorable outcome in comatose cardiac arrest patients. <i>Resuscitation</i> , 2022, , .	3.0	3
10	The Cerebrospinal Fluid Proteomic Response to Traumatic and Nontraumatic Acute Brain Injury: A Prospective Study. <i>Neurocritical Care</i> , 2022, 37, 463-470.	2.4	4
11	The Impact of Short-Term Hyperoxia on Cerebral Metabolism: A Systematic Review and Meta-Analysis. <i>Neurocritical Care</i> , 2022, 37, 547-557.	2.4	2
12	The Effect of Renal Replacement Therapy and Antibiotic Dose on Antibiotic Concentrations in Critically Ill Patients: Data From the Multinational Sampling Antibiotics in Renal Replacement Therapy Study. <i>Clinical Infectious Diseases</i> , 2021, 72, 1369-1378.	5.8	85
13	Veno-arterial CO2 difference and respiratory quotient after cardiac arrest: An observational cohort study. <i>Journal of Critical Care</i> , 2021, 62, 131-137.	2.2	2
14	COVID-19: What weâ€™ve done well and what we could or should have done betterâ€™the 4 Ps. <i>Critical Care</i> , 2021, 25, 40.	5.8	14
15	Evaluation of Nociception Using Quantitative Pupillometry and Skin Conductance in Critically Ill Unconscious Patients: A Pilot Study. <i>Brain Sciences</i> , 2021, 11, 109.	2.3	9
16	Which Target Temperature for Post-Anoxic Brain Injury? A Systematic Review from â€™Real Lifeâ€™ Studies. <i>Brain Sciences</i> , 2021, 11, 186.	2.3	12
17	Delay of cerebral autoregulation in traumatic brain injury patients. <i>Clinical Neurology and Neurosurgery</i> , 2021, 202, 106478.	1.4	3
18	Long-term outcomes after critical illness: recent insights. <i>Critical Care</i> , 2021, 25, 108.	5.8	118

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19	Quantification of Cardiac Kinetic Energy and Its Changes During Transmural Myocardial Infarction Assessed by Multi-Dimensional Seismocardiography. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 603319.	2.4	8
20	The use of automated pupillometry in critically ill cirrhotic patients with hepatic encephalopathy. <i>Journal of Critical Care</i> , 2021, 62, 176-182.	2.2	1
21	Organ donation after circulatory death: please do not waste time!. <i>Intensive Care Medicine</i> , 2021, 47, 720-721.	8.2	1
22	Monitoring skin blood flow to rapidly identify alterations in tissue perfusion during fluid removal using continuous veno-venous hemofiltration in patients with circulatory shock. <i>Annals of Intensive Care</i> , 2021, 11, 59.	4.6	13
23	Time course of outcome in poor grade subarachnoid hemorrhage patients: a longitudinal retrospective study. <i>BMC Neurology</i> , 2021, 21, 196.	1.8	13
24	Impact of therapeutic hypothermia during cardiopulmonary resuscitation on neurologic outcome: A systematic review and meta-analysis. <i>Resuscitation</i> , 2021, 162, 365-371.	3.0	8
25	Effect of intra-arrest trans-nasal evaporative cooling in out-of-hospital cardiac arrest: a pooled individual participant data analysis. <i>Critical Care</i> , 2021, 25, 198.	5.8	17
26	Role of Non-Invasive Respiratory Supports in COVID-19 Acute Respiratory Failure Patients with Do Not Intubate Orders. <i>Journal of Clinical Medicine</i> , 2021, 10, 2783.	2.4	6
27	Association of anemia and transfusions with outcome after subarachnoid hemorrhage. <i>Clinical Neurology and Neurosurgery</i> , 2021, 206, 106676.	1.4	7
28	Brain Protection after Anoxic Brain Injury: Is Lactate Supplementation Helpful?. <i>Cells</i> , 2021, 10, 1714.	4.1	17
29	Brain tissue oxygenation guided therapy and outcome in non-traumatic subarachnoid hemorrhage. <i>Scientific Reports</i> , 2021, 11, 16235.	3.3	24
30	The burden of implementation: A mixed methods study on barriers to an ICU follow-up program. <i>Journal of Critical Care</i> , 2021, 65, 170-176.	2.2	1
31	Cerebral autoregulation in anoxic brain injury patients treated with targeted temperature management. <i>Journal of Intensive Care</i> , 2021, 9, 67.	2.9	5
32	How to Manage Withdrawal of Sedation and Analgesia in Mechanically Ventilated COVID-19 Patients?. <i>Journal of Clinical Medicine</i> , 2021, 10, 4917.	2.4	7
33	Cerebral and systemic hemodynamic effect of recurring seizures. <i>Scientific Reports</i> , 2021, 11, 22209.	3.3	7
34	Use of Sedatives and Neuromuscular-Blocking Agents in Mechanically Ventilated Patients with COVID-19 ARDS. <i>Microorganisms</i> , 2021, 9, 2393.	3.6	5
35	Early Hyperdynamic Sepsis Alters Coronary Blood Flow Regulation in Porcine Fecal Peritonitis. <i>Frontiers in Physiology</i> , 2021, 12, 754570.	2.8	0
36	Impaired platelet reactivity in patients with septic shock: a proof-of-concept study. <i>Platelets</i> , 2020, 31, 652-660.	2.3	7

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37	Things we would never do regarding end-of-life care in the ICU. <i>Intensive Care Medicine</i> , 2020, 46, 145-146.	8.2	2
38	Comparison of estimation of cardiac output using an uncalibrated pulse contour method and echocardiography during veno-venous extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , 2020, 35(10), 1075-1081.	1.0	10
39	Le Service des Soins Intensifs de l'Hôpital Erasme (Cliniques Universitaires de Bruxelles). <i>Anesthésie &amp; Réanimation</i> , 2020, 6, 50-53.	0.1	0
40	Comparison of 2 Automated Pupillometry Devices in Critically Ill Patients. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, 32, 323-329.	1.2	10
41	Systematic Review and Meta-Analysis of Effects of Transfusion on Hemodynamic and Oxygenation Variables*. <i>Critical Care Medicine</i> , 2020, 48, 241-248.	0.9	10
42	Glucose and Lactate Concentrations in Cerebrospinal Fluid After Traumatic Brain Injury. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, 32, 162-169.	1.2	18
43	Cerebrospinal Fluid Glucose and Lactate Levels After Subarachnoid Hemorrhage: A Multicenter Retrospective Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, 32, 170-176.	1.2	12
44	The Impact of Extracerebral Infection After Subarachnoid Hemorrhage: A Single-Center Cohort Study. <i>World Neurosurgery</i> , 2020, 144, e883-e897.	1.3	13
45	An intact animal model for the assessment of coronary blood flow regulation after coronary blood flow regulation. <i>Physiological Reports</i> , 2020, 8, e14510.	1.7	1
46	Electroencephalographic features in patients undergoing extracorporeal membrane oxygenation. <i>Critical Care</i> , 2020, 24, 629.	5.8	20
47	The Prognostic Role of Lactate Concentrations after Aneurysmal Subarachnoid Hemorrhage. <i>Brain Sciences</i> , 2020, 10, 1004.	2.3	6
48	Low hemoglobin and venous saturation levels are associated with poor neurological outcomes after cardiac arrest. <i>Resuscitation</i> , 2020, 153, 202-208.	3.0	4
49	Multimodal non-invasive assessment of intracranial hypertension: an observational study. <i>Critical Care</i> , 2020, 24, 379.	5.8	72
50	Effect of Intravenous Interferon $\beta$ -1a on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 725.	7.4	97
51	Extracorporeal membrane oxygenation for refractory cardiac arrest: a retrospective multicenter study. <i>Intensive Care Medicine</i> , 2020, 46, 973-982.	8.2	83
52	Ethical aspects of the COVID-19 crisis: How to deal with an overwhelming shortage of acute beds. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 248-252.	1.0	83
53	Using arterial-venous oxygen difference to guide red blood cell transfusion strategy. <i>Critical Care</i> , 2020, 24, 160.	5.8	19
54	Hyperventilation in Adult TBI Patients: How to Approach It?. <i>Frontiers in Neurology</i> , 2020, 11, 580859.	2.4	17

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55	Cerebral autoregulation and neurovascular coupling are progressively impaired during septic shock: an experimental study. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 44.	1.9	16
56	Interleukine-6 in critically ill COVID-19 patients: A retrospective analysis. <i>PLoS ONE</i> , 2020, 15, e0244628.	2.5	50
57	Meningococcaemia causing necrotizing cellulitis associated with acquired complement deficiency after gastric bypass surgery: a case report. <i>BMC Infectious Diseases</i> , 2020, 20, 361.	2.9	0
58	Feasibility of closed-loop titration of norepinephrine infusion in patients undergoing moderate- and high-risk surgery. <i>British Journal of Anaesthesia</i> , 2019, 123, 430-438.	3.4	33
59	Effect of different methods of cooling for targeted temperature management on outcome after cardiac arrest: a systematic review and meta-analysis. <i>Critical Care</i> , 2019, 23, 285.	5.8	33
60	Comparison of extracorporeal and conventional cardiopulmonary resuscitation: a retrospective propensity score matched study. <i>Critical Care</i> , 2019, 23, 27.	5.8	69
61	Big data are here to stay!. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2019, 38, 339-340.	1.4	3
62	Effect of Trans-Nasal Evaporative Intra-arrest Cooling on Functional Neurologic Outcome in Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 1677.	7.4	115
63	Angiotensin-converting enzymes in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2019, 45, 1159-1160.	8.2	22
64	Relationship between Microcirculatory Perfusion and Arterial Elastance: A Pilot Study. <i>Critical Care Research and Practice</i> , 2019, 2019, 1-9.	1.1	4
65	Critical care medicine in 2050: less invasive, more connected, and personalized. <i>Journal of Thoracic Disease</i> , 2019, 11, 335-338.	1.4	5
66	Correlation Between Electroencephalography and Automated Pupillometry in Critically Ill Patients. <i>Journal of Neurosurgical Anesthesiology</i> , 2019, Publish Ahead of Print, 161-166.	1.2	9
67	Estimated cerebral perfusion pressure among post-cardiac arrest survivors. <i>Intensive Care Medicine</i> , 2018, 44, 966-967.	8.2	14
68	Cerebral Near-Infrared Spectroscopy in Adult Patients Undergoing Venous-Arterial Extracorporeal Membrane Oxygenation. <i>Neurocritical Care</i> , 2018, 29, 94-104.	2.4	59
69	Red Cell Distribution Width After Subarachnoid Hemorrhage. <i>Journal of Neurosurgical Anesthesiology</i> , 2018, 30, 319-327.	1.2	18
70	Acute liver dysfunction after cardiac arrest. <i>PLoS ONE</i> , 2018, 13, e0206655.	2.5	33
71	Can red blood cell distribution width predict outcome after cardiac arrest?. <i>Minerva Anestesiologica</i> , 2018, 84, 693-702.	1.0	13
72	Impaired cerebral autoregulation is associated with brain dysfunction in patients with sepsis. <i>Critical Care</i> , 2018, 22, 327.	5.8	84

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73	Platelet indices and outcome after cardiac arrest. BMC Emergency Medicine, 2018, 18, 31.	1.9	8
74	Effects of acute ethanol intoxication in an ovine peritonitis model. BMC Anesthesiology, 2018, 18, 70.	1.8	4
75	The impact of diastolic blood pressure values on the neurological outcome of cardiac arrest patients. Resuscitation, 2018, 130, 167-173.	3.0	27
76	Skin microcirculatory reactivity assessed using a thermal challenge is decreased in patients with circulatory shock and associated with outcome. Annals of Intensive Care, 2018, 8, 60.	4.6	16
77	The hospital of tomorrow in 10 points. Critical Care, 2017, 21, 93.	5.8	19
78	The potential role of auditory evoked potentials to assess prognosis in comatose survivors from cardiac arrest. Resuscitation, 2017, 120, 119-124.	3.0	17
79	Treatment limitations in the era of ECMO. Lancet Respiratory Medicine, the, 2017, 5, 769-770.	10.7	23
80	The effects of acute renal denervation on kidney perfusion and metabolism in experimental septic shock. BMC Nephrology, 2017, 18, 182.	1.8	5
81	Changes in kidney perfusion and renal cortex metabolism in septic shock: an experimental study. Journal of Surgical Research, 2017, 207, 145-154.	1.6	5
82	Lymphopaenia in cardiac arrest patients. Annals of Intensive Care, 2017, 7, 85.	4.6	15
83	Endocan as an early biomarker of severity in patients with acute respiratory distress syndrome. Annals of Intensive Care, 2017, 7, 93.	4.6	33
84	Prognostic implications of blood lactate concentrations after cardiac arrest: a retrospective study. Annals of Intensive Care, 2017, 7, 101.	4.6	35
85	Serum Î²-actin concentrations in critically ill patients with cirrhosis: a matched case-control study. Liver International, 2016, 36, 1002-1010.	3.9	12
86	New Regimen for Continuous Infusion of Vancomycin in Critically Ill Patients. Antimicrobial Agents and Chemotherapy, 2016, 60, 4750-4756.	3.2	45
87	Microvascular reactivity is altered early in patients with acute respiratory distress syndrome. Respiratory Research, 2016, 17, 59.	3.6	21
88	Is this critically ill patient going to survive?. Intensive Care Medicine, 2016, 42, 426-428.	8.2	0
89	Greater temperature variability is not associated with a worse neurological outcome after cardiac arrest. Resuscitation, 2015, 96, 268-274.	3.0	13
90	Near infrared spectroscopy (NIRS) to assess the effects of local ischemic preconditioning in the muscle of healthy volunteers and critically ill patients. Microvascular Research, 2015, 102, 25-32.	2.5	19

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91	Normobaric hyperoxia alters the microcirculation in healthy volunteers. <i>Microvascular Research</i> , 2015, 98, 23-28.	2.5	76
92	Near-infrared spectroscopy technique to evaluate the effects of red blood cell transfusion on tissue oxygenation. <i>Critical Care</i> , 2009, 13, S11.	5.8	116
93	Potential Uses of Hemoglobin-based Oxygen Carriers in Critical Care Medicine. <i>Critical Care Clinics</i> , 2009, 25, 311-324.	2.6	17
94	Reply to the comment by Dr. Hasibeder et al.. <i>Intensive Care Medicine</i> , 2006, 32, 1667-1667.	8.2	0
95	Effect of vasopressin on sublingual microcirculation in a patient with distributive shock. <i>Intensive Care Medicine</i> , 2003, 29, 1020-1023.	8.2	67