

# Jacques Creteur

## List of Publications by Citations

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84  
papers

1,083  
citations

19  
h-index

30  
g-index

97  
ext. papers

1,643  
ext. citations

6.5  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
84	Near-infrared spectroscopy technique to evaluate the effects of red blood cell transfusion on tissue oxygenation. <i>Critical Care</i> , <b>2009</b> , 13 Suppl 5, S11	10.8	94
83	Effect of vasopressin on sublingual microcirculation in a patient with distributive shock. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 1020-1023	14.5	60
82	Effect of Intravenous Interferon $\alpha$ on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 725-733	27.4	59
81	Normobaric hyperoxia alters the microcirculation in healthy volunteers. <i>Microvascular Research</i> , <b>2015</b> , 98, 23-8	3.7	58
80	Effect of Trans-Nasal Evaporative Intra-arrest Cooling on Functional Neurologic Outcome in Out-of-Hospital Cardiac Arrest: The PRINCESS Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 1677-1685	27.4	56
79	Impaired cerebral autoregulation is associated with brain dysfunction in patients with sepsis. <i>Critical Care</i> , <b>2018</b> , 22, 327	10.8	47
78	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> , <b>2020</b> , 9, 248-252	4.3	40
77	Comparison of extracorporeal and conventional cardiopulmonary resuscitation: a retrospective propensity score matched study. <i>Critical Care</i> , <b>2019</b> , 23, 27	10.8	39
76	Cerebral Near-Infrared Spectroscopy in Adult Patients Undergoing Veno-Arterial Extracorporeal Membrane Oxygenation. <i>Neurocritical Care</i> , <b>2018</b> , 29, 94-104	3.3	39
75	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> , <b>2021</b> , 72, 1369-1378	11.6	37
74	Extracorporeal membrane oxygenation for refractory cardiac arrest: a retrospective multicenter study. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 973-982	14.5	35
73	New Regimen for Continuous Infusion of Vancomycin in Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 4750-6	5.9	35
72	Prognostic implications of blood lactate concentrations after cardiac arrest: a retrospective study. <i>Annals of Intensive Care</i> , <b>2017</b> , 7, 101	8.9	27
71	Endocan as an early biomarker of severity in patients with acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , <b>2017</b> , 7, 93	8.9	24
70	Long-term outcomes after critical illness: recent insights. <i>Critical Care</i> , <b>2021</b> , 25, 108	10.8	23
69	Feasibility of closed-loop titration of norepinephrine infusion in patients undergoing moderate- and high-risk surgery. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 123, 430-438	5.4	22
68	Interleukine-6 in critically ill COVID-19 patients: A retrospective analysis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0244628	3.7	22

67	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> , <b>2019</b> , 23, 285	10.8	21
66	Multimodal non-invasive assessment of intracranial hypertension: an observational study. <i>Critical Care</i> , <b>2020</b> , 24, 379	10.8	20
65	Acute liver dysfunction after cardiac arrest. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206655	3.7	19
64	The impact of diastolic blood pressure values on the neurological outcome of cardiac arrest patients. <i>Resuscitation</i> , <b>2018</b> , 130, 167-173	4	16
63	Potential uses of hemoglobin-based oxygen carriers in critical care medicine. <i>Critical Care Clinics</i> , <b>2009</b> , 25, 311-24, Table of Contents	4.5	16
62	The hospital of tomorrow in 10 points. <i>Critical Care</i> , <b>2017</b> , 21, 93	10.8	15
61	The potential role of auditory evoked potentials to assess prognosis in comatose survivors from cardiac arrest. <i>Resuscitation</i> , <b>2017</b> , 120, 119-124	4	15
60	Near infrared spectroscopy (NIRS) to assess the effects of local ischemic preconditioning in the muscle of healthy volunteers and critically ill patients. <i>Microvascular Research</i> , <b>2015</b> , 102, 25-32	3.7	13
59	Microvascular reactivity is altered early in patients with acute respiratory distress syndrome. <i>Respiratory Research</i> , <b>2016</b> , 17, 59	7.3	13
58	Angiotensin-converting enzymes in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1159-1160	14.5	11
57	Lymphopaenia in cardiac arrest patients. <i>Annals of Intensive Care</i> , <b>2017</b> , 7, 85	8.9	11
56	Skin microcirculatory reactivity assessed using a thermal challenge is decreased in patients with circulatory shock and associated with outcome. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 60	8.9	11
55	Cerebral autoregulation and neurovascular coupling are progressively impaired during septic shock: an experimental study. <i>Intensive Care Medicine Experimental</i> , <b>2020</b> , 8, 44	3.7	9
54	Glucose and Lactate Concentrations in Cerebrospinal Fluid After Traumatic Brain Injury. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2020</b> , 32, 162-169	3	9
53	Can red blood cell distribution width predict outcome after cardiac arrest?. <i>Minerva Anestesiologica</i> , <b>2018</b> , 84, 693-702	1.9	9
52	Red Cell Distribution Width After Subarachnoid Hemorrhage. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2018</b> , 30, 319-327	3	8
51	Greater temperature variability is not associated with a worse neurological outcome after cardiac arrest. <i>Resuscitation</i> , <b>2015</b> , 96, 268-74	4	8
50	Estimated cerebral perfusion pressure among post-cardiac arrest survivors. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 966-967	14.5	7

49	Serum lactam concentrations in critically ill patients with cirrhosis: a matched case-control study. <i>Liver International</i> , <b>2016</b> , 36, 1002-10	7.9	7
48	COVID-19: What we've done well and what we could or should have done better-the 4 Ps. <i>Critical Care</i> , <b>2021</b> , 25, 40	10.8	7
47	Systematic Review and Meta-Analysis of Effects of Transfusion on Hemodynamic and Oxygenation Variables. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 241-248	1.4	6
46	Electroencephalographic features in patients undergoing extracorporeal membrane oxygenation. <i>Critical Care</i> , <b>2020</b> , 24, 629	10.8	6
45	Platelet indices and outcome after cardiac arrest. <i>BMC Emergency Medicine</i> , <b>2018</b> , 18, 31	2.4	6
44	Hyperventilation in Adult TBI Patients: How to Approach It?. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 580859	4.1	6
43	Changes in kidney perfusion and renal cortex metabolism in septic shock: an experimental study. <i>Journal of Surgical Research</i> , <b>2017</b> , 207, 145-154	2.5	5
42	The Impact of Extracerebral Infection After Subarachnoid Hemorrhage: A Single-Center Cohort Study. <i>World Neurosurgery</i> , <b>2020</b> , 144, e883-e897	2.1	5
41	Impaired platelet reactivity in patients with septic shock: a proof-of-concept study. <i>Platelets</i> , <b>2020</b> , 31, 652-660	3.6	5
40	Comparison of 2 Automated Pupillometry Devices in Critically Ill Patients. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2020</b> , 32, 323-329	3	4
39	Cerebrospinal Fluid Glucose and Lactate Levels After Subarachnoid Hemorrhage: A Multicenter Retrospective Study. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2020</b> , 32, 170-176	3	4
38	Correlation Between Electroencephalography and Automated Pupillometry in Critically Ill Patients: A Pilot Study. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2021</b> , 33, 161-166	3	4
37	Using arterial-venous oxygen difference to guide red blood cell transfusion strategy. <i>Critical Care</i> , <b>2020</b> , 24, 160	10.8	4
36	Which Target Temperature for Post-Anoxic Brain Injury? A Systematic Review from "Real Life" Studies. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	4
35	Relationship between Microcirculatory Perfusion and Arterial Elastance: A Pilot Study. <i>Critical Care Research and Practice</i> , <b>2019</b> , 2019, 3256313	1.5	3
34	The effects of acute renal denervation on kidney perfusion and metabolism in experimental septic shock. <i>BMC Nephrology</i> , <b>2017</b> , 18, 182	2.7	3
33	Time course of outcome in poor grade subarachnoid hemorrhage patients: a longitudinal retrospective study. <i>BMC Neurology</i> , <b>2021</b> , 21, 196	3.1	3
32	Impact of therapeutic hypothermia during cardiopulmonary resuscitation on neurologic outcome: A systematic review and meta-analysis. <i>Resuscitation</i> , <b>2021</b> , 162, 365-371	4	3

31	Brain tissue oxygenation guided therapy and outcome in non-traumatic subarachnoid hemorrhage. <i>Scientific Reports</i> , <b>2021</b> , 11, 16235	4.9	3
30	Quantification of Cardiac Kinetic Energy and Its Changes During Transmural Myocardial Infarction Assessed by Multi-Dimensional Seismocardiography. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 603319	5.4	2
29	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> , <b>2021</b> , 11, 59	8.9	2
28	Effect of intra-arrest trans-nasal evaporative cooling in out-of-hospital cardiac arrest: a pooled individual participant data analysis. <i>Critical Care</i> , <b>2021</b> , 25, 198	10.8	2
27	Things we would never do regarding end-of-life care in the ICU. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 145-146	4.5	2
26	Evaluation of Nociception Using Quantitative Pupillometry and Skin Conductance in Critically Ill Unconscious Patients: A Pilot Study. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	2
25	Effects of acute ethanol intoxication in an ovine peritonitis model. <i>BMC Anesthesiology</i> , <b>2018</b> , 18, 70	2.4	2
24	Low hemoglobin and venous saturation levels are associated with poor neurological outcomes after cardiac arrest. <i>Resuscitation</i> , <b>2020</b> , 153, 202-208	4	1
23	Detection of cerebral hypoperfusion with a dynamic hyperoxia test using brain oxygenation pressure monitoring.. <i>Critical Care</i> , <b>2022</b> , 26, 35	10.8	1
22	Cerebral and systemic hemodynamic effect of recurring seizures. <i>Scientific Reports</i> , <b>2021</b> , 11, 22209	4.9	1
21	Cerebral autoregulation in anoxic brain injury patients treated with targeted temperature management. <i>Journal of Intensive Care</i> , <b>2021</b> , 9, 67	7	1
20	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> , <b>2020</b> , 35, 397-401	1.9	1
19	An intact animal model for the assessment of coronary blood flow regulation "Coronary blood flow regulation". <i>Physiological Reports</i> , <b>2020</b> , 8, e14510	2.6	1
18	The use of automated pupillometry in critically ill cirrhotic patients with hepatic encephalopathy. <i>Journal of Critical Care</i> , <b>2021</b> , 62, 176-182	4	1
17	Organ donation after circulatory death: please do not waste time!. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 720-721	14.5	1
16	Role of Non-Invasive Respiratory Supports in COVID-19 Acute Respiratory Failure Patients with Do Not Intubate Orders. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	1
15	Veno-arterial CO difference and respiratory quotient after cardiac arrest: An observational cohort study. <i>Journal of Critical Care</i> , <b>2021</b> , 62, 131-137	4	1
14	Delay of cerebral autoregulation in traumatic brain injury patients. <i>Clinical Neurology and Neurosurgery</i> , <b>2021</b> , 202, 106478	2	1

13	Prognostic role of automatic pupillometry in sepsis: a retrospective study.. <i>Minerva Anestesiologica</i> , <b>2022</b> ,	1.9	1
12	Cerebral Autoregulation Indices Are Not Interchangeable in Patients With Sepsis.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 760293	4.1	1
11	A comprehensive neuromonitoring approach in a large animal model of cardiac arrest.. <i>Animal Models and Experimental Medicine</i> , <b>2022</b> , 5, 56-60	4.2	0
10	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> , <b>2022</b> , 69, 153984	4	0
9	Association of anemia and transfusions with outcome after subarachnoid hemorrhage. <i>Clinical Neurology and Neurosurgery</i> , <b>2021</b> , 206, 106676	2	0
8	Is this critically ill patient going to survive?. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 426-428	14.5	
7	Reply to the comment by Dr. Hasibeder et al.. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 1667-1667	14.5	
6	Hyperammonemia during treatment with valproate in critically ill patients.. <i>Clinical Neurology and Neurosurgery</i> , <b>2021</b> , 212, 107092	2	
5	Early Hyperdynamic Sepsis Alters Coronary Blood Flow Regulation in Porcine Fecal Peritonitis.. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 754570	4.6	
4	Meningococcaemia causing necrotizing cellulitis associated with acquired complement deficiency after gastric bypass surgery: a case report. <i>BMC Infectious Diseases</i> , <b>2020</b> , 20, 361	4	
3	Le Service des Soins Intensifs de l'Hôpital Erasme (Cliniques Universitaires de Bruxelles). <i>Anesthésie &amp; Réanimation</i> , <b>2020</b> , 6, 50-53	0.1	
2	The burden of implementation: A mixed methods study on barriers to an ICU follow-up program. <i>Journal of Critical Care</i> , <b>2021</b> , 65, 170-176	4	
1	Phosphatase alkaline levels are not associated with poor outcomes in subarachnoid hemorrhage patients.. <i>Clinical Neurology and Neurosurgery</i> , <b>2022</b> , 215, 107185	2	