

# Jean-Louis Teboul

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5147531/jean-louis-teboul-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

98  
papers

11,558  
citations

44  
h-index

107  
g-index

110  
ext. papers

14,187  
ext. citations

8.1  
avg, IF

6.49  
L-index

#	Paper	IF	Citations
98	Relation between respiratory changes in arterial pulse pressure and fluid responsiveness in septic patients with acute circulatory failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2000</b> , 162, 134-8	10.2	1567
97	Predicting fluid responsiveness in ICU patients: a critical analysis of the evidence. <i>Chest</i> , <b>2002</b> , 121, 2000-8	9.3	1127
96	High versus low blood-pressure target in patients with septic shock. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1583-93	59.2	637
95	The respiratory variation in inferior vena cava diameter as a guide to fluid therapy. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 1834-7	14.5	567
94	Cardiac filling pressures are not appropriate to predict hemodynamic response to volume challenge. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 64-8	1.4	537
93	Early use of the pulmonary artery catheter and outcomes in patients with shock and acute respiratory distress syndrome: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2003</b> , 290, 2713-20	27.4	477
92	Acute left ventricular dysfunction during unsuccessful weaning from mechanical ventilation. <i>Anesthesiology</i> , <b>1988</b> , 69, 171-9	4.3	433
91	Hemodynamic parameters to guide fluid therapy. <i>Annals of Intensive Care</i> , <b>2011</b> , 1, 1	8.9	381
90	Fluid challenges in intensive care: the FENICE study: A global inception cohort study. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1529-37	14.5	295
89	Using heart-lung interactions to assess fluid responsiveness during mechanical ventilation. <i>Critical Care</i> , <b>2000</b> , 4, 282-9	10.8	276
88	Prediction of fluid responsiveness: an update. <i>Annals of Intensive Care</i> , <b>2016</b> , 6, 111	8.9	249
87	Passive leg raising. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 659-63	14.5	227
86	Predicting volume responsiveness by using the end-expiratory occlusion in mechanically ventilated intensive care unit patients. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 951-6	1.4	217
85	Assessing pulmonary permeability by transpulmonary thermodilution allows differentiation of hydrostatic pulmonary edema from ALI/ARDS. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 448-53	14.5	200
84	Principles of fluid management and stewardship in septic shock: it is time to consider the four D <sub>TS</sub> and the four phases of fluid therapy. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 66	8.9	196
83	Passive leg raising for predicting fluid responsiveness: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1935-1947	14.5	186
82	Second consensus on the assessment of sublingual microcirculation in critically ill patients: results from a task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 281-299	14.5	183

81	Combination of venoarterial PCO <sub>2</sub> difference with arteriovenous O <sub>2</sub> content difference to detect anaerobic metabolism in patients. <i>Intensive Care Medicine</i> , <b>2002</b> , 28, 272-7	14.5	169
80	Extravascular lung water is an independent prognostic factor in patients with acute respiratory distress syndrome. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 472-80	1.4	168
79	Venoarterial CO <sub>2</sub> difference during regional ischemic or hypoxic hypoxia. <i>Journal of Applied Physiology</i> , <b>2000</b> , 89, 1317-21	3.7	161
78	Lactate and venoarterial carbon dioxide difference/arterial-venous oxygen difference ratio, but not central venous oxygen saturation, predict increase in oxygen consumption in fluid responders. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 1412-20	1.4	156
77	Passive leg-raising and end-expiratory occlusion tests perform better than pulse pressure variation in patients with low respiratory system compliance. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 152-7	1.4	156
76	Less invasive hemodynamic monitoring in critically ill patients. <i>Intensive Care Medicine</i> , <b>2016</b> , 42, 1350-9	14.5	149
75	Effects of changes in vascular tone on the agreement between pulse contour and transpulmonary thermodilution cardiac output measurements within an up to 6-hour calibration-free period. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 434-40	1.4	141
74	Precision of the transpulmonary thermodilution measurements. <i>Critical Care</i> , <b>2011</b> , 15, R204	10.8	134
73	Estimating cardiac filling pressure in mechanically ventilated patients with hyperinflation. <i>Critical Care Medicine</i> , <b>2000</b> , 28, 3631-6	1.4	126
72	Early administration of norepinephrine increases cardiac preload and cardiac output in septic patients with life-threatening hypotension. <i>Critical Care</i> , <b>2010</b> , 14, R142	10.8	116
71	Effects of norepinephrine on mean systemic pressure and venous return in human septic shock. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 3146-53	1.4	113
70	Transpulmonary thermodilution: advantages and limits. <i>Critical Care</i> , <b>2017</b> , 21, 147	10.8	109
69	Restoring arterial pressure with norepinephrine improves muscle tissue oxygenation assessed by near-infrared spectroscopy in severely hypotensive septic patients. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 1882-9	14.5	109
68	Norepinephrine increases cardiac preload and reduces preload dependency assessed by passive leg raising in septic shock patients. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 689-94	1.4	106
67	Extravascular lung water in critical care: recent advances and clinical applications. <i>Annals of Intensive Care</i> , <b>2015</b> , 5, 38	8.9	94
66	The Changes in Pulse Pressure Variation or Stroke Volume Variation After a "Tidal Volume Challenge" Reliably Predict Fluid Responsiveness During Low Tidal Volume Ventilation. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 415-421	1.4	90
65	The estimation of cardiac output by the Nexfin device is of poor reliability for tracking the effects of a fluid challenge. <i>Critical Care</i> , <b>2012</b> , 16, R212	10.8	72
64	Measuring aortic diameter improves accuracy of esophageal Doppler in assessing fluid responsiveness. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 477-82	1.4	68

63	Monitoring volume and fluid responsiveness: from static to dynamic indicators. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , <b>2013</b> , 27, 177-85	4	61
62	Current use of vasopressors in septic shock. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 20	8.9	58
61	End-expiratory occlusion test predicts preload responsiveness independently of positive end-expiratory pressure during acute respiratory distress syndrome. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 1692-701	1.4	52
60	Alternatives to the Swan-Ganz catheter. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 730-741	14.5	47
59	Predicting Fluid Responsiveness in Critically Ill Patients by Using Combined End-Expiratory and End-Inspiratory Occlusions With Echocardiography. <i>Critical Care Medicine</i> , <b>2017</b> , 45, e1131-e1138	1.4	47
58	Arterial Pulse Pressure Variation with Mechanical Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 22-31	10.2	44
57	Weaning-induced cardiac dysfunction: where are we today?. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1069-79	14.5	44
56	Invasive measures of left ventricular preload. <i>Current Opinion in Critical Care</i> , <b>2006</b> , 12, 235-40	3.5	41
55	Understanding the Haldane effect. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 91-93	14.5	40
54	Weaning failure of cardiac origin: recent advances. <i>Critical Care</i> , <b>2010</b> , 14, 211	10.8	40
53	The passive leg raising test to guide fluid removal in critically ill patients. <i>Annals of Intensive Care</i> , <b>2016</b> , 6, 46	8.9	38
52	What is the lowest change in cardiac output that transthoracic echocardiography can detect?. <i>Critical Care</i> , <b>2019</b> , 23, 116	10.8	37
51	Assessment of fluid responsiveness: recent advances. <i>Current Opinion in Critical Care</i> , <b>2018</b> , 24, 190-195	3.5	37
50	Pressure Waveform Analysis. <i>Anesthesia and Analgesia</i> , <b>2018</b> , 126, 1930-1933	3.9	37
49	Cardiac dysfunction induced by weaning from mechanical ventilation: incidence, risk factors, and effects of fluid removal. <i>Critical Care</i> , <b>2016</b> , 20, 369	10.8	37
48	Extravascular lung water, B-type natriuretic peptide, and blood volume contraction enable diagnosis of weaning-induced pulmonary edema. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 1882-9	1.4	36
47	My patient has received fluid. How to assess its efficacy and side effects?. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 54	8.9	28
46	Hemodynamic management of cardiovascular failure by using PCO(2) venous-arterial difference. <i>Journal of Clinical Monitoring and Computing</i> , <b>2012</b> , 26, 367-74	2	28

45	Intensive care management of patients with COVID-19: a practical approach. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 36	8.9	28
44	A hypoperfusion context may aid to interpret hyperlactatemia in sepsis-3 septic shock patients: a proof-of-concept study. <i>Annals of Intensive Care</i> , <b>2017</b> , 7, 29	8.9	27
43	The effects of advanced monitoring on hemodynamic management in critically ill patients: a pre and post questionnaire study. <i>Journal of Clinical Monitoring and Computing</i> , <b>2016</b> , 30, 511-8	2	27
42	Detecting volume responsiveness and unresponsiveness in intensive care unit patients: two different problems, only one solution. <i>Critical Care</i> , <b>2009</b> , 13, 175	10.8	27
41	How can CO-derived indices guide resuscitation in critically ill patients?. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, S1528-S1537	2.6	26
40	Intra-Abdominal Hypertension Is Responsible for False Negatives to the Passive Leg Raising Test. <i>Critical Care Medicine</i> , <b>2019</b> , 47, e639-e647	1.4	26
39	Use of Tidal volume challenge to improve the reliability of pulse pressure variation. <i>Critical Care</i> , <b>2017</b> , 21, 60	10.8	23
38	Minimally invasive monitoring. <i>Critical Care Clinics</i> , <b>2015</b> , 31, 25-42	4.5	23
37	Challenges in the management of septic shock: a narrative review. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 420-433	14.5	22
36	Prediction of fluid responsiveness in ventilated patients. <i>Annals of Translational Medicine</i> , <b>2018</b> , 6, 352	3.2	22
35	Monitoring: from cardiac output monitoring to echocardiography. <i>Current Opinion in Critical Care</i> , <b>2015</b> , 21, 395-401	3.5	20
34	Transpulmonary thermodilution measurements are not affected by continuous veno-venous hemofiltration at high blood pump flow. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1162-8	14.5	20
33	Less or more hemodynamic monitoring in critically ill patients. <i>Current Opinion in Critical Care</i> , <b>2018</b> , 24, 309-315	3.5	17
32	Transpulmonary thermodilution enables to detect small short-term changes in extravascular lung water induced by a bronchoalveolar lavage. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 1869-73	1.4	17
31	Fluid resuscitation during early sepsis: a need for individualization. <i>Minerva Anestesiologica</i> , <b>2018</b> , 84, 987-992	1.9	15
30	Understanding the carbon dioxide gaps. <i>Current Opinion in Critical Care</i> , <b>2018</b> , 24, 181-189	3.5	14
29	Diastolic shock index and clinical outcomes in patients with septic shock. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 41	8.9	14
28	Carotid and femoral Doppler do not allow the assessment of passive leg raising effects. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 67	8.9	12

27	Current use of inotropes in circulatory shock. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 21	8.9	11
26	COVID-19 ARDS is characterized by higher extravascular lung water than non-COVID-19 ARDS: the PiCCOVID study. <i>Critical Care</i> , <b>2021</b> , 25, 186	10.8	10
25	Evolving concepts of hemodynamic monitoring for critically ill patients. <i>Indian Journal of Critical Care Medicine</i> , <b>2015</b> , 19, 220-6	1.3	9
24	FTc is not an accurate predictor of fluid responsiveness. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 1090-1091	14.5	9
23	SARS-CoV-2 post-infective myocarditis: the tip of COVID-19 immune complications?. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 98	8.9	9
22	Implementing sepsis bundles. <i>Annals of Translational Medicine</i> , <b>2016</b> , 4, 332	3.2	9
21	Transpulmonary thermodilution techniques in the haemodynamically unstable patient. <i>Current Opinion in Critical Care</i> , <b>2019</b> , 25, 273-279	3.5	9
20	Influence of changes in ventricular systolic function and loading conditions on pulse contour analysis-derived femoral dP/dt. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 61	8.9	7
19	Results of questionable management protocols are inherently questionable. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 2536; author reply 2536-7	1.4	7
18	Vasopressors in septic shock: which, when, and how much?. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 794	3.2	6
17	Intravenous immunoglobulin treatment for patients with severe COVID-19: a retrospective multicentre study. <i>Clinical Microbiology and Infection</i> , <b>2021</b> , 27, 1488-1493	9.5	6
16	The dynamic arterial elastance: a call for a cautious interpretation : Discussion on "Predicting vasopressor needs using dynamic parameters". <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1438-1439	14.5	5
15	Transpulmonary thermodilution detects rapid and reversible increases in lung water induced by positive end-expiratory pressure in acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 28	8.9	5
14	How to diagnose weaning-induced pulmonary edema?. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 938-938	14.5	5
13	Changes in Radial Artery Pulse Pressure During a Fluid Challenge Cannot Assess Fluid Responsiveness in Patients With Septic Shock. <i>Journal of Intensive Care Medicine</i> , <b>2020</b> , 35, 149-153	3.3	5
12	Intensive care medicine in 2050: vasopressors in sepsis. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1130-1132	14.5	4
11	Do changes in pulse pressure variation and inferior vena cava distensibility during passive leg raising and tidal volume challenge detect preload responsiveness in case of low tidal volume ventilation?. <i>Critical Care</i> , <b>2021</b> , 25, 110	10.8	4
10	Myeloid phenotypes in severe COVID-19 predict secondary infection and mortality: a pilot study. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 111	8.9	3

9	Prior Exposure to Angiotensin II Receptor Blockers in Patients With Septic Shock to Individualize Mean Arterial Pressure Target? A Post Hoc Analysis of the Sepsis and Mean Arterial Pressure (SEPSISPAM) Trial. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e412-e422	1.4	2
8	Septic shock patients with adequate tissue perfusion parameters still need the recommended minimal Mean Arterial Pressure: For sure. <i>Journal of Critical Care</i> , <b>2020</b> , 56, 305-307	4	1
7	How Do I Integrate Hemodynamic Variables When Managing Septic Shock?. <i>Korean Journal of Critical Care Medicine</i> , <b>2016</b> , 31, 265-275		1
6	Passive leg raising test in patients with intra-abdominal hypertension: do not throw it. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 806	3.2	1
5	Bioreactance reliably detects preload responsiveness by the end-expiratory occlusion test when averaging and refresh times are shortened. <i>Annals of Intensive Care</i> , <b>2021</b> , 11, 133	8.9	1
4	Importance of diastolic arterial pressure in septic shock rebuttal to comments of Dr. Magder. <i>Journal of Critical Care</i> , <b>2019</b> , 51, 244	4	0
3	Early hemodynamic resuscitation of septic shock: what do the new Surviving Sepsis Campaign guidelines really provide?. <i>Journal of Intensive Medicine</i> , <b>2022</b> , 2, 1-2		
2	Arterial Blood Pressure. <i>Lessons From the ICU</i> , <b>2019</b> , 233-245	0.1	
1	CO2-Derived Indices to Guide Resuscitation in Critically Ill Patients <b>2021</b> , 419-427		