

Jean-Daniel Chiche

List of Publications by Citations

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124
papers

23,044
citations

48
h-index

134
g-index

134
ext. papers

29,403
ext. citations

8.4
avg, IF

6.19
L-index

#	Paper	IF	Citations
124	The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 801-10	27.4	10067
123	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Intensive Care Medicine</i> , 2017 , 43, 304-377	14.5	3178
122	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Critical Care Medicine</i> , 2017 , 45, 486-552	1.4	1683
121	Continuous venovenous haemodiafiltration versus intermittent haemodialysis for acute renal failure in patients with multiple-organ dysfunction syndrome: a multicentre randomised trial. <i>Lancet, The</i> , 2006 , 368, 379-85	40	505
120	Reversible myocardial dysfunction in survivors of out-of-hospital cardiac arrest. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 2110-6	15.1	476
119	Brain natriuretic peptide: A marker of myocardial dysfunction and prognosis during severe sepsis. <i>Critical Care Medicine</i> , 2004 , 32, 660-5	1.4	345
118	Surviving Sepsis Campaign: association between performance metrics and outcomes in a 7.5-year study. <i>Critical Care Medicine</i> , 2015 , 43, 3-12	1.4	339
117	Intensive care unit mortality after cardiac arrest: the relative contribution of shock and brain injury in a large cohort. <i>Intensive Care Medicine</i> , 2013 , 39, 1972-80	14.5	314
116	The Surviving Sepsis Campaign bundles and outcome: results from the International Multicentre Prevalence Study on Sepsis (the IMPReSS study). <i>Intensive Care Medicine</i> , 2015 , 41, 1620-8	14.5	245
115	Formal guidelines: management of acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2019 , 9, 69	8.9	245
114	High-volume hemofiltration after out-of-hospital cardiac arrest: a randomized study. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 432-7	15.1	197
113	Influence of overweight on ICU mortality: a prospective study. <i>Chest</i> , 2004 , 125, 1441-5	5.3	193
112	Hemodynamic changes induced by laparoscopy and their endocrine correlates: effects of clonidine. <i>Journal of the American College of Cardiology</i> , 1998 , 32, 1389-96	15.1	167
111	High frequency oscillatory ventilation compared with conventional mechanical ventilation in adult respiratory distress syndrome: a randomized controlled trial [ISRCTN24242669]. <i>Critical Care</i> , 2005 , 9, R430-9	10.8	167
110	Effect of bi-level positive airway pressure (BiPAP) nasal ventilation on the postoperative pulmonary restrictive syndrome in obese patients undergoing gastroplasty. <i>Chest</i> , 1997 , 111, 665-70	5.3	165
109	Surviving Sepsis Campaign: association between performance metrics and outcomes in a 7.5-year study. <i>Intensive Care Medicine</i> , 2014 , 40, 1623-33	14.5	164
108	Use of early corticosteroid therapy on ICU admission in patients affected by severe pandemic (H1N1)v influenza A infection. <i>Intensive Care Medicine</i> , 2011 , 37, 272-83	14.5	164

107	Infectious complications in out-of-hospital cardiac arrest patients in the therapeutic hypothermia era. <i>Critical Care Medicine</i> , 2011 , 39, 1359-64	1.4	158
106	Prospectively defined indicators to improve the safety and quality of care for critically ill patients: a report from the Task Force on Safety and Quality of the European Society of Intensive Care Medicine (ESICM). <i>Intensive Care Medicine</i> , 2012 , 38, 598-605	14.5	156
105	Temporal changes in management and outcome of septic shock in patients with malignancies in the intensive care unit. <i>Critical Care Medicine</i> , 2008 , 36, 690-6	1.4	140
104	Adenovirus-mediated gene transfer of cGMP-dependent protein kinase increases the sensitivity of cultured vascular smooth muscle cells to the antiproliferative and pro-apoptotic effects of nitric oxide/cGMP. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34263-71	5.4	138
103	Screening of ARDS patients using standardized ventilator settings: influence on enrollment in a clinical trial. <i>Intensive Care Medicine</i> , 2004 , 30, 1111-6	14.5	135
102	Changes in aortic blood flow induced by passive leg raising predict fluid responsiveness in critically ill patients. <i>Critical Care</i> , 2006 , 10, R132	10.8	132
101	Specific MAIT cell behaviour among innate-like T lymphocytes in critically ill patients with severe infections. <i>Intensive Care Medicine</i> , 2014 , 40, 192-201	14.5	131
100	The importance of Toll-like receptor 2 polymorphisms in severe infections. <i>Clinical Infectious Diseases</i> , 2005 , 41 Suppl 7, S408-15	11.6	131
99	The REMAP-CAP (Randomized Embedded Multifactorial Adaptive Platform for Community-acquired Pneumonia) Study. Rationale and Design. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 879-891	4.7	128
98	Sp110 localizes to the PML-Sp100 nuclear body and may function as a nuclear hormone receptor transcriptional coactivator. <i>Molecular and Cellular Biology</i> , 2000 , 20, 6138-46	4.8	119
97	Timing and causes of death in septic shock. <i>Annals of Intensive Care</i> , 2015 , 5, 16	8.9	115
96	Genome-wide association study of survival from sepsis due to pneumonia: an observational cohort study. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 53-60	35.1	108
95	Emergency Percutaneous Coronary Intervention in Post-Cardiac Arrest Patients Without ST-Segment Elevation Pattern: Insights From the PROCAT II Registry. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 1011-8	5	108
94	Comparison between FloTrac-Vigileo and Bioreactance, a totally noninvasive method for cardiac output monitoring. <i>Critical Care</i> , 2009 , 13, R73	10.8	107
93	Combining high-frequency oscillatory ventilation and recruitment maneuvers in adults with early acute respiratory distress syndrome: the Treatment with Oscillation and an Open Lung Strategy (TOOLS) Trial pilot study. <i>Critical Care Medicine</i> , 2005 , 33, 479-86	1.4	104
92	Tracking changes in cardiac output: methodological considerations for the validation of monitoring devices. <i>Intensive Care Medicine</i> , 2009 , 35, 1801-8	14.5	94
91	Benefit of an early and systematic imaging procedure after cardiac arrest: insights from the PROCAT (Parisian Region Out of Hospital Cardiac Arrest) registry. <i>Resuscitation</i> , 2012 , 83, 1444-50	4	92
90	Immediate Percutaneous Coronary Intervention Is Associated With Improved Short- and Long-Term Survival After Out-of-Hospital Cardiac Arrest. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8,	6	89

89	Profound and persistent decrease of circulating dendritic cells is associated with ICU-acquired infection in patients with septic shock. <i>Intensive Care Medicine</i> , 2011 , 37, 1438-46	14.5	86
88	Pneumothorax during laparoscopic fundoplication: diagnosis and treatment with positive end-expiratory pressure. <i>Anesthesia and Analgesia</i> , 1995 , 81, 993-1000	3.9	86
87	Transforming growth factor-beta: a mediator of cell regulation in acute respiratory distress syndrome. <i>Critical Care Medicine</i> , 2003 , 31, S258-64	1.4	85
86	Importance of hemostatic gene polymorphisms for susceptibility to and outcome of severe sepsis. <i>Critical Care Medicine</i> , 2004 , 32, S313-9	1.4	79
85	Patients with community acquired pneumonia admitted to European intensive care units: an epidemiological survey of the GenOSept cohort. <i>Critical Care</i> , 2014 , 18, R58	10.8	71
84	Epidemiology and outcome of severe pneumococcal pneumonia admitted to intensive care unit: a multicenter study. <i>Critical Care</i> , 2012 , 16, R155	10.8	66
83	Nitric oxide inhalation decreases pulmonary artery remodeling in the injured lungs of rat pups. <i>Circulation Research</i> , 2000 , 87, 140-5	15.7	62
82	Dendritic cells modulate lung response to <i>Pseudomonas aeruginosa</i> in a murine model of sepsis-induced immune dysfunction. <i>Journal of Immunology</i> , 2008 , 181, 8513-20	5.3	57
81	Overexpression of a constitutively active protein kinase G mutant reduces neointima formation and in-stent restenosis. <i>Circulation</i> , 2002 , 105, 2911-6	16.7	57
80	Structural and functional heterogeneity of nuclear bodies. <i>Molecular and Cellular Biology</i> , 1999 , 19, 4423-30	4.3	56
79	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	35.1	54
78	Hemodialysis for acute renal failure in patients with hematologic malignancies. <i>Critical Care Medicine</i> , 1991 , 19, 346-51	1.4	52
77	IRAK1 functional genetic variant affects severity of septic shock. <i>Critical Care Medicine</i> , 2010 , 38, 2287-94	4.4	50
76	Value of procalcitonin for diagnosis of early onset pneumonia in hypothermia-treated cardiac arrest patients. <i>Intensive Care Medicine</i> , 2010 , 36, 92-9	14.5	47
75	Soluble guanylate cyclase alpha(1) and beta(1) gene transfer increases NO responsiveness and reduces neointima formation after balloon injury in rats via antiproliferative and antimigratory effects. <i>Circulation Research</i> , 2001 , 88, 103-9	15.7	47
74	Toll-like receptors 2 and 4 contribute to sepsis-induced depletion of spleen dendritic cells. <i>Infection and Immunity</i> , 2009 , 77, 5651-8	3.7	46
73	Study of human RIG-I polymorphisms identifies two variants with an opposite impact on the antiviral immune response. <i>PLoS ONE</i> , 2009 , 4, e7582	3.7	46
72	Effects of dobutamine on gastric mucosal perfusion and hepatic metabolism in patients with septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 160, 1983-6	10.2	44

71	Out-of-hospital cardiac arrest from brain cause: epidemiology, clinical features, and outcome in a multicenter cohort*. <i>Critical Care Medicine</i> , 2015 , 43, 453-60	1.4	43
70	Comparison of two sedation regimens during targeted temperature management after cardiac arrest. <i>Resuscitation</i> , 2018 , 128, 204-210	4	40
69	Is myocardial adrenergic responsiveness depressed in human septic shock?. <i>Intensive Care Medicine</i> , 2008 , 34, 917-22	14.5	38
68	Bench-to-bedside review: severe lactic acidosis in HIV patients treated with nucleoside analogue reverse transcriptase inhibitors. <i>Critical Care</i> , 2003 , 7, 226-32	10.8	38
67	InFACT: a global critical care research response to H1N1. <i>Lancet, The</i> , 2010 , 375, 11-3	40	36
66	Histocompatibility leukocyte antigen-D related expression is specifically altered and predicts mortality in septic shock but not in other causes of shock. <i>Shock</i> , 2004 , 22, 521-6	3.4	36
65	L-Carnitine as a treatment of life-threatening lactic acidosis induced by nucleoside analogues. <i>Aids</i> , 2000 , 14, 472-3	3.5	36
64	Outcomes in critically ill patients with systemic rheumatic disease: a multicenter study. <i>Chest</i> , 2015 , 148, 927-935	5.3	35
63	The era of genomics: impact on sepsis clinical trial design. <i>Critical Care Medicine</i> , 2002 , 30, S341-8	1.4	34
62	Partial liquid ventilation ventilates better than gas ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 162, 650-7	10.2	33
61	Patients with faecal peritonitis admitted to European intensive care units: an epidemiological survey of the GenOSept cohort. <i>Intensive Care Medicine</i> , 2014 , 40, 202-10	14.5	32
60	Nitric oxide synthase-3 overexpression causes apoptosis and impairs neuronal mitochondrial function: relevance to Alzheimer β -type neurodegeneration. <i>Laboratory Investigation</i> , 2003 , 83, 287-98	5.9	32
59	Early High-Dose Erythropoietin Therapy After Out-of-Hospital Cardiac Arrest: A Multicenter, Randomized Controlled Trial. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 40-9	15.1	31
58	Diagnosis and management of out-of-hospital cardiac arrest secondary to coronary artery spasm. <i>Resuscitation</i> , 2003 , 58, 145-52	4	30
57	Toll-like receptor 2 deficiency increases resistance to <i>Pseudomonas aeruginosa</i> pneumonia in the setting of sepsis-induced immune dysfunction. <i>Journal of Infectious Diseases</i> , 2012 , 206, 932-42	7	29
56	Genetic polymorphisms of matrix metalloproteinase 12 and 13 genes are implicated in endometriosis progression. <i>Human Reproduction</i> , 2008 , 23, 1207-13	5.7	29
55	Erythropoiesis abnormalities contribute to early-onset anemia in patients with septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 51-7	10.2	29
54	A Multicenter Randomized Trial Assessing the Efficacy of Helium/Oxygen in Severe Exacerbations of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 871-880	10.2	28

53	Increased survival of cirrhotic patients with septic shock. <i>Critical Care</i> , 2013 , 17, R78	10.8	26
52	Acquiring procedural skills in ICUs: a prospective multicenter study*. <i>Critical Care Medicine</i> , 2014 , 42, 886-95	1.4	24
51	Critical role of cRel subunit of NF- κ B in sepsis survival. <i>Infection and Immunity</i> , 2011 , 79, 1848-54	3.7	22
50	Src-family-tyrosine kinase Lyn is critical for TLR2-mediated NF- κ B activation through the PI 3-kinase signaling pathway. <i>Innate Immunity</i> , 2015 , 21, 685-97	2.7	20
49	Sepsis-induced expansion of granulocytic myeloid-derived suppressor cells promotes tumour growth through Toll-like receptor 4. <i>Journal of Pathology</i> , 2016 , 239, 473-83	9.4	20
48	Etiological diagnoses of out-of-hospital cardiac arrest survivors admitted to the intensive care unit: Insights from a French registry. <i>Resuscitation</i> , 2017 , 117, 66-72	4	19
47	Unusual "flesh-eating" strain of Escherichia coli. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 3794-6	9.7	18
46	Gender differences in early invasive strategy after cardiac arrest: Insights from the PROCAT registry. <i>Resuscitation</i> , 2017 , 114, 7-13	4	17
45	The Intensive Care Global Study on Severe Acute Respiratory Infection (IC-GLOSSARI): a multicenter, multinational, 14-day inception cohort study. <i>Intensive Care Medicine</i> , 2016 , 42, 817-828	14.5	17
44	Intensive care unit renal support therapy volume is not associated with patient outcome. <i>Critical Care Medicine</i> , 2011 , 39, 2470-7	1.4	15
43	Life-threatening hemophagocytic syndrome related to mycobacterium tuberculosis. <i>European Journal of Emergency Medicine</i> , 2006 , 13, 172-4	2.3	15
42	Acute Kidney Injury Associated With Lopinavir/Ritonavir Combined Therapy in Patients With COVID-19. <i>Kidney International Reports</i> , 2020 , 5, 1787-1790	4.1	15
41	Cytokine pattern in Kaposi's sarcoma associated with immune restoration disease in HIV and tuberculosis co-infected patients. <i>Aids</i> , 2007 , 21, 1980-3	3.5	14
40	Outcome of Patients with Systemic Sclerosis in the Intensive Care Unit. <i>Journal of Rheumatology</i> , 2015 , 42, 1406-12	4.1	13
39	Relationship between norepinephrine dose, tachycardia and outcome in septic shock: A multicentre evaluation. <i>Journal of Critical Care</i> , 2020 , 57, 185-190	4	13
38	Variants in the Mannose-binding Lectin Gene MBL2 do not Associate With Sepsis Susceptibility or Survival in a Large European Cohort. <i>Clinical Infectious Diseases</i> , 2015 , 61, 695-703	11.6	13
37	cGMP-dependent protein kinase I interacts with TRIM39R, a novel Rpp21 domain-containing TRIM protein. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L903-12	5.8	13
36	Inhaled nitric oxide for hemodynamic support after postpneumonectomy ARDS. <i>Intensive Care Medicine</i> , 1995 , 21, 675-8	14.5	13

35	Multifocal community-acquired necrotizing fasciitis caused by a Panton-Valentine leukocidin-producing methicillin-sensitive <i>Staphylococcus aureus</i> . <i>Infection</i> , 2010 , 38, 223-5	5.8	12
34	Bench-to-bedside review: fulfilling promises of the Human Genome Project. <i>Critical Care</i> , 2002 , 6, 212-5	10.8	11
33	Sepsis inhibits tumor growth in mice with cancer through Toll-like receptor 4-associated enhanced Natural Killer cell activity. <i>Oncolmmunology</i> , 2019 , 8, e1641391	7.2	10
32	Combined loss of cRel/p50 subunits of NF- κ B leads to impaired innate host response in sepsis. <i>Innate Immunity</i> , 2012 , 18, 753-63	2.7	10
31	Predictors of external cooling failure after cardiac arrest. <i>Intensive Care Medicine</i> , 2013 , 39, 620-8	14.5	9
30	Protective effects of FCGR2A polymorphism in invasive pneumococcal diseases. <i>Chest</i> , 2012 , 142, 1474-1481	14.8	9
29	Hemodynamic efficiency of hemodialysis treatment with high cut-off membrane during the early period of post-resuscitation shock: The HYPERDIA trial. <i>Resuscitation</i> , 2019 , 140, 170-177	4	8
28	IMPDHII protein inhibits Toll-like receptor 2-mediated activation of NF-kappaB. <i>Journal of Biological Chemistry</i> , 2011 , 286, 23319-33	5.4	8
27	Hemodynamic Impact of Cardiovascular Antihypertensive Medications in Patients With Sepsis-Related Acute Circulatory Failure. <i>Shock</i> , 2020 , 54, 315-320	3.4	8
26	Association between trends in clinical variables and outcome in intensive care patients with faecal peritonitis: analysis of the GenOSept cohort. <i>Critical Care</i> , 2015 , 19, 210	10.8	7
25	The future of intensive care medicine. <i>Medicina Intensiva</i> , 2013 , 37, 91-8	1.2	7
24	Platelet transfusions in cancer patients with hypoproliferative thrombocytopenia in the intensive care unit. <i>Annals of Intensive Care</i> , 2015 , 5, 46	8.9	6
23	Plasma thioredoxin levels during post-cardiac arrest syndrome: relationship with severity and outcome. <i>Critical Care</i> , 2013 , 17, R18	10.8	6
22	Beyond clinical phenotype: the biologic integratome. <i>Critical Care Medicine</i> , 2009 , 37, S38-49	1.4	6
21	Sepsis and Cancer: An Interplay of Friends and Foes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1625-1635	10.2	6
20	Pulmonary infections prime the development of subsequent ICU-acquired pneumonia in septic shock. <i>Annals of Intensive Care</i> , 2019 , 9, 39	8.9	5
19	Methodological challenges in European ethics approvals for a genetic epidemiology study in critically ill patients: the GenOSept experience. <i>BMC Medical Ethics</i> , 2019 , 20, 30	2.9	5
18	Derivation and validation of a prognostic model for postoperative risk stratification of critically ill patients with faecal peritonitis. <i>Annals of Intensive Care</i> , 2017 , 7, 96	8.9	5

17	Risk factors for post-ICU red blood cell transfusion: a prospective study. <i>Critical Care</i> , 2006 , 10, R129	10.8	5
16	Association of REL polymorphisms and outcome of patients with septic shock. <i>Annals of Intensive Care</i> , 2016 , 6, 28	8.9	4
15	Absence of association between a functional polymorphism of ALOX15 gene and infertility in endometriosis. <i>Fertility and Sterility</i> , 2009 , 91, 1414-6	4.8	4
14	Cytokine Polymorphisms and Susceptibility to Severe Infectious Diseases. <i>Sepsis</i> , 2001 , 4, 209-215		4
13	Sensitivity of Rapid Antigen Testing and RT-PCR Performed on Nasopharyngeal Swabs versus Saliva Samples in COVID-19 Hospitalized Patients: Results of a Prospective Comparative Trial (RESTART). <i>Microorganisms</i> , 2021 , 9,	4.9	4
12	Localization of rat genes in the nitric oxide signaling pathway: candidates for the pathogenesis of complex diseases. <i>Mammalian Genome</i> , 1999 , 10, 71-3	3.2	3
11	Inhaled nitric oxide for right ventricular dysfunction in chronic obstructive pulmonary disease patients: fall or rise of an idea?. <i>Critical Care Medicine</i> , 1999 , 27, 2299-301	1.4	3
10	Impact of Blood Product Transfusions on the Risk of ICU-Acquired Infections in Septic Shock. <i>Critical Care Medicine</i> , 2021 , 49, 912-922	1.4	3
9	Effects of early high-dose erythropoietin on acute kidney injury following cardiac arrest: exploratory analyses from an open-label randomized trial. <i>CKJ: Clinical Kidney Journal</i> , 2020 , 13, 413-420	4.5	2
8	A new dawn for critical care research. <i>Intensive Care Medicine Experimental</i> , 2013 , 1, 1	3.7	2
7	Post-transfusion platelet responses in critically ill cancer patients with hypoproliferative thrombocytopenia. <i>Transfusion</i> , 2020 , 60, 275-284	2.9	2
6	Training in trains: an educational program to teach bystander CPR : A LIFE-PRIORITY Foundation initiative. <i>Intensive Care Medicine</i> , 2015 , 41, 1361-2	14.5	1
5	Causes of acute respiratory failure in patients with small-vessel vasculitis admitted to intensive care units: a multicenter retrospective study. <i>Annals of Intensive Care</i> , 2021 , 11, 158	8.9	1
4	Early recurrent arrhythmias after out-of-hospital cardiac arrest associated with obstructive coronary artery disease: Analysis of the PROCAT registry. <i>Resuscitation</i> , 2019 , 141, 81-87	4	0
3	Post-cardiac arrest myoclonus and in ICU mortality: insights from the Parisian Registry of Cardiac Arrest (PROCAT). <i>Neurological Sciences</i> , 2021 , 1	3.5	0
2	Assessing the Functional Heterogeneity of Monocytes in Human Septic Shock: a Proof-of-Concept Microfluidic Assay of TNF α Secretion. <i>Frontiers in Immunology</i> , 2021 , 12, 686111	8.4	0
1	Renal replacement therapy in acute renal failure [AuthorsReply]. <i>Lancet, The</i> , 2006 , 368, 1492	40	