Jean-Daniel Chiche

List of Publications by Year in descending order

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132 papers 34,207 citations

52 h-index 130 g-index

134 all docs

134 docs citations

134 times ranked

31860 citing authors

#	Article	IF	CITATIONS
1	The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). JAMA - Journal of the American Medical Association, 2016, 315, 801.	3.8	16,554
2	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. Intensive Care Medicine, 2017, 43, 304-377.	3.9	4,590
3	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. Critical Care Medicine, 2017, 45, 486-552.	0.4	2,336
4	Continuous venovenous haemodiafiltration versus intermittent haemodialysis for acute renal failure in patients with multiple-organ dysfunction syndrome: a multicentre randomised trial. Lancet, The, 2006, 368, 379-385.	6.3	625
5	Reversible myocardial dysfunction in survivors of out-of-hospital cardiac arrest. Journal of the American College of Cardiology, 2002, 40, 2110-2116.	1.2	584
6	Formal guidelines: management of acute respiratory distress syndrome. Annals of Intensive Care, 2019, 9, 69.	2.2	478
7	Intensive care unit mortality after cardiac arrest: the relative contribution of shock and brain injury in a large cohort. Intensive Care Medicine, 2013, 39, 1972-1980.	3.9	476
8	Surviving Sepsis Campaign. Critical Care Medicine, 2015, 43, 3-12.	0.4	444
9	Brain natriuretic peptide: A marker of myocardial dysfunction and prognosis during severe sepsis. Critical Care Medicine, 2004, 32, 660-665.	0.4	420
10	The Surviving Sepsis Campaign bundles and outcome: results from the International Multicentre Prevalence Study on Sepsis (the IMPreSS study). Intensive Care Medicine, 2015, 41, 1620-1628.	3.9	323
11	The REMAP-CAP (Randomized Embedded Multifactorial Adaptive Platform for Community-acquired) Tj ETQq1 1 0	.784314 r 1.5	gBT Overloc
12	High-Volume Hemofiltration After Out-of-Hospital Cardiac Arrest. Journal of the American College of Cardiology, 2005, 46, 432-437.	1.2	244
13	Influence of Overweight on ICU Mortality. Chest, 2004, 125, 1441-1445.	0.4	238
14	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). Intensive Care Medicine, 2012, 38, 598-605.	3.9	224
15	Surviving Sepsis Campaign: association between performance metrics and outcomes in a 7.5-year study. Intensive Care Medicine, 2014, 40, 1623-1633.	3.9	209
16	High frequency oscillatory ventilation compared with conventional mechanical ventilation in adult respiratory distress syndrome: a randomized controlled trial [ISRCTN24242669]. Critical Care, 2005, 9, R430.	2.5	204
17	Infectious complications in out-of-hospital cardiac arrest patients in the therapeutic hypothermia era*. Critical Care Medicine, 2011, 39, 1359-1364.	0.4	198
18	Effect of Bi-Level Positive Airway Pressure (BiPAP) Nasal Ventilation on the Postoperative Pulmonary Restrictive Syndrome in Obese Patients Undergoing Gastroplasty. Chest, 1997, 111, 665-670.	0.4	193

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19	Hemodynamic changes induced by laparoscopy and their endocrine correlates: effects of clonidine. Journal of the American College of Cardiology, 1998, 32, 1389-1396.	1.2	193
20	Use of early corticosteroid therapy on ICU admission in patients affected by severe pandemic (H1N1)v influenzaÂA infection. Intensive Care Medicine, 2011, 37, 272-283.	3.9	188
21	Temporal changes in management and outcome of septic shock in patients with malignancies in the intensive care unit*. Critical Care Medicine, 2008, 36, 690-696.	0.4	177
22	Specific MAIT cell behaviour among innate-like T lymphocytes in critically ill patients with severe infections. Intensive Care Medicine, 2014, 40, 192-201.	3.9	167
23	Genome-wide association study of survival from sepsis due to pneumonia: an observational cohort study. Lancet Respiratory Medicine,the, 2015, 3, 53-60.	5.2	166
24	Screening of ARDS patients using standardized ventilator settings: influence on enrollment in a clinical trial. Intensive Care Medicine, 2004, 30, 1111-1116.	3.9	164
25	Extracorporeal membrane oxygenation network organisation and clinical outcomes during the COVID-19 pandemic in Greater Paris, France: a multicentre cohort study. Lancet Respiratory Medicine,the, 2021, 9, 851-862.	5.2	163
26	Timing and causes of death in septic shock. Annals of Intensive Care, 2015, 5, 16.	2.2	159
27	The Importance of Toll-Like Receptor 2 Polymorphisms in Severe Infections. Clinical Infectious Diseases, 2005, 41, S408-S415.	2.9	155
28	Emergency Percutaneous Coronary Intervention in Post–Cardiac Arrest Patients Without ST-Segment ElevationÂPattern. JACC: Cardiovascular Interventions, 2016, 9, 1011-1018.	1.1	154
29	Changes in aortic blood flow induced by passive leg raising predict fluid responsiveness in critically ill patients. Critical Care, 2006, 10, R132.	2.5	150
30	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. Journal of Biological Chemistry, 1998, 273, 34263-34271.	1.6	148
31	Sp110 Localizes to the PML-Sp100 Nuclear Body and May Function as a Nuclear Hormone Receptor Transcriptional Coactivator. Molecular and Cellular Biology, 2000, 20, 6138-6146.	1.1	137
32	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*. Critical Care Medicine, 2005, 33, 479-486.	0.4	123
33	Benefit of an early and systematic imaging procedure after cardiac arrest: Insights from the PROCAT (Parisian Region Out of Hospital Cardiac Arrest) registry. Resuscitation, 2012, 83, 1444-1450.	1.3	120
34	Importance of hemostatic gene polymorphisms for susceptibility to and outcome of severe sepsis. Critical Care Medicine, 2004, 32, S313-S319.	0.4	119
35	Comparison between Flotrac-Vigileo and Bioreactance, a totally noninvasive method for cardiac output monitoring. Critical Care, 2009, 13, R73.	2.5	118
36	Immediate Percutaneous Coronary Intervention Is Associated With Improved Short- and Long-Term Survival After Out-of-Hospital Cardiac Arrest. Circulation: Cardiovascular Interventions, 2015, 8, .	1.4	110

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37	Tracking changes in cardiac output: methodological considerations for the validation of monitoring devices. Intensive Care Medicine, 2009, 35, 1801-1808.	3.9	107
38	Transforming growth factor- \hat{l}^2 : A mediator of cell regulation in acute respiratory distress syndrome. Critical Care Medicine, 2003, 31, S258-S264.	0.4	105
39	Patients with community acquired pneumonia admitted to European intensive care units: an epidemiological survey of the GenOSept cohort. Critical Care, 2014, 18, R58.	2.5	104
40	Pneumothorax During Laparoscopic Fundoplication. Anesthesia and Analgesia, 1995, 81, 993-1000.	1.1	98
41	Profound and persistent decrease of circulating dendritic cells is associated with ICU-acquired infection in patients with septic shock. Intensive Care Medicine, 2011, 37, 1438-46.	3.9	98
42	Epidemiology and outcome of severe pneumococcal pneumonia admitted to intensive care unit: a multicenter study. Critical Care, 2012, 16, R155.	2.5	84
43	Dendritic Cells Modulate Lung Response to <i>Pseudomonas aeruginosa</i> in a Murine Model of Sepsis-Induced Immune Dysfunction. Journal of Immunology, 2008, 181, 8513-8520.	0.4	71
44	Nitric Oxide Inhalation Decreases Pulmonary Artery Remodeling in the Injured Lungs of Rat Pups. Circulation Research, 2000, 87, 140-145.	2.0	69
45	Comparison of two sedation regimens during targeted temperature management after cardiac arrest. Resuscitation, 2018, 128, 204-210.	1.3	67
46	Out-of-Hospital Cardiac Arrest From Brain Cause. Critical Care Medicine, 2015, 43, 453-460.	0.4	65
47	Structural and Functional Heterogeneity of Nuclear Bodies. Molecular and Cellular Biology, 1999, 19, 4423-4430.	1.1	62
48	Overexpression of a Constitutively Active Protein Kinase G Mutant Reduces Neointima Formation and In-Stent Restenosis. Circulation, 2002, 105, 2911-2916.	1.6	61
49	IRAK1 functional genetic variant affects severity of septic shock*. Critical Care Medicine, 2010, 38, 2287-2294.	0.4	61
50	Hemodialysis for acute renal failure in patients with hematologic malignancies. Critical Care Medicine, 1991, 19, 346-351.	0.4	60
51	Effects of Dobutamine on Gastric Mucosal Perfusion and Hepatic Metabolism in Patients with Septic Shock. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 1983-1986.	2.5	59
52	Value of procalcitonin for diagnosis of early onset pneumonia in hypothermia-treated cardiac arrest patients. Intensive Care Medicine, 2010, 36, 92-99.	3.9	56
53	Bench-to-bedside review: severe lactic acidosis in HIV patients treated with nucleoside analogue reverse transcriptase inhibitors. Critical Care, 2003, 7, 226.	2.5	50
54	InFACT: a global critical care research response to H1N1. Lancet, The, 2010, 375, 11-13.	6.3	49

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55	Soluble Guanylate Cyclase \hat{l}_{\pm} ₁ and \hat{l}^2 ₁ Gene Transfer Increases NO Responsiveness and Reduces Neointima Formation After Balloon Injury in Rats via Antiproliferative and Antimigratory Effects. Circulation Research, 2001, 88, 103-109.	2.0	48
56	Is myocardial adrenergic responsiveness depressed in human septic shock?. Intensive Care Medicine, 2008, 34, 917-922.	3.9	48
57	Toll-Like Receptors 2 and 4 Contribute to Sepsis-Induced Depletion of Spleen Dendritic Cells. Infection and Immunity, 2009, 77, 5651-5658.	1.0	48
58	Study of Human RIG-I Polymorphisms Identifies Two Variants with an Opposite Impact on the Antiviral Immune Response. PLoS ONE, 2009, 4, e7582.	1.1	48
59	Outcomes in Critically Ill Patients With Systemic Rheumatic Disease. Chest, 2015, 148, 927-935.	0.4	47
60	Patients with faecal peritonitis admitted to European intensive care units: an epidemiological survey of the GenOSept cohort. Intensive Care Medicine, 2014, 40, 202-210.	3.9	46
61	HISTOCOMPATIBILITY LEUKOCYTE ANTIGEN-D RELATED EXPRESSION IS SPECIFICALLY ALTERED AND PREDICTS MORTALITY IN SEPTIC SHOCK BUT NOT IN OTHER CAUSES OF SHOCK. Shock, 2004, 22, 521-526.	1.0	45
62	The era of genomics: Impact on sepsis clinical trial design. Critical Care Medicine, 2002, 30, S341-S348.	0.4	44
63	l-Carnitine as a treatment of life-threatening lactic acidosis induced by nucleoside analogues. Aids, 2000, 14, 472.	1.0	44
64	Early High-Dose Erythropoietin Therapy After Out-of-Hospital Cardiac Arrest. Journal of the American College of Cardiology, 2016, 68, 40-49.	1,2	43
65	Etiological diagnoses of out-of-hospital cardiac arrest survivors admitted to the intensive care unit: Insights from a French registry. Resuscitation, 2017, 117, 66-72.	1.3	43
66	Diagnosis and management of out-of-hospital cardiac arrest secondary to coronary artery spasm. Resuscitation, 2003, 58, 145-152.	1.3	41
67	Nitric Oxide Synthase-3 Overexpression Causes Apoptosis and Impairs Neuronal Mitochondrial Function: Relevance to Alzheimer's-Type Neurodegeneration. Laboratory Investigation, 2003, 83, 287-298.	1.7	40
68	Sepsis and Cancer: An Interplay of Friends and Foes. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1625-1635.	2.5	39
69	Intensive care unit renal support therapy volume is not associated with patient outcome*. Critical Care Medicine, 2011, 39, 2470-2477.	0.4	36
70	Toll-Like Receptor 2 Deficiency Increases Resistance to Pseudomonas aeruginosa Pneumonia in the Setting of Sepsis-Induced Immune Dysfunction. Journal of Infectious Diseases, 2012, 206, 932-942.	1.9	36
71	Increased survival of cirrhotic patients with septic shock. Critical Care, 2013, 17, R78.	2.5	35
72	A Multicenter Randomized Trial Assessing the Efficacy of Helium/Oxygen in Severe Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 871-880.	2.5	35

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73	Genetic polymorphisms of matrix metalloproteinase 12 and 13 genes are implicated in endometriosis progression. Human Reproduction, 2008, 23, 1207-1213.	0.4	34
74	Partial Liquid Ventilation Ventilates Better than Gas Ventilation. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 650-657.	2.5	33
75	Acquiring Procedural Skills in ICUs. Critical Care Medicine, 2014, 42, 886-895.	0.4	33
76	Erythropoiesis Abnormalities Contribute to Early-Onset Anemia in Patients with Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 51-57.	2.5	31
77	Relationship between norepinephrine dose, tachycardia and outcome in septic shock: A multicentre evaluation. Journal of Critical Care, 2020, 57, 185-190.	1.0	30
78	Sepsis-induced expansion of granulocytic myeloid-derived suppressor cells promotes tumour growth through Toll-like receptor 4. Journal of Pathology, 2016, 239, 473-483.	2.1	29
79	Gender differences in early invasive strategy after cardiac arrest: Insights from the PROCAT registry. Resuscitation, 2017, 114, 7-13.	1.3	29
80	Src-family-tyrosine kinase Lyn is critical for TLR2-mediated NF-κB activation through the PI 3-kinase signaling pathway. Innate Immunity, 2015, 21, 685-697.	1.1	27
81	The ongoing H1N1 flu pandemic and the intensive care community: challenges, opportunities, and the duties of scientific societies and intensivists. Intensive Care Medicine, 2009, 35, 2005-2008.	3.9	26
82	Acute Kidney Injury Associated With Lopinavir/Ritonavir Combined Therapy in Patients With COVID-19. Kidney International Reports, 2020, 5, 1787-1790.	0.4	26
83	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). Microorganisms, 2021, 9, 1910.	1.6	25
84	Variants in the Mannose-binding Lectin Gene <i>MBL2</i> li>do not Associate With Sepsis Susceptibility or Survival in a Large European Cohort. Clinical Infectious Diseases, 2015, 61, 695-703.	2.9	24
85	Critical Role of cRel Subunit of NF-κB in Sepsis Survival. Infection and Immunity, 2011, 79, 1848-1854.	1.0	23
86	Life-threatening hemophagocytic syndrome related to mycobacterium tuberculosis. European Journal of Emergency Medicine, 2006, 13, 172-174.	0.5	19
87	Unusual "Flesh-Eating―Strain of <i>Escherichia coli</i> . Journal of Clinical Microbiology, 2010, 48, 3794-3796.	1.8	19
88	Outcome of Patients with Systemic Sclerosis in the Intensive Care Unit. Journal of Rheumatology, 2015, 42, 1406-1412.	1.0	19
89	The Intensive Care Global Study on Severe Acute Respiratory Infection (IC-GLOSSARI): a multicenter, multinational, 14-day inception cohort study. Intensive Care Medicine, 2016, 42, 817-828.	3.9	19
90	Improving the quality of training programs in intensive care: a view from the ESICM. Intensive Care Medicine, 2011, 37, 377-379.	3.9	17

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91	Protective Effects of FCGR2A Polymorphism in Invasive Pneumococcal Diseases. Chest, 2012, 142, 1474-1481.	0.4	17
92	Sepsis inhibits tumor growth in mice with cancer through Toll-like receptor 4-associated enhanced Natural Killer cell activity. Oncolmmunology, 2019, 8, e1641391.	2.1	17
93	Cytokine pattern in Kaposi's sarcoma associated with immune restoration disease in HIV and tuberculosis co-infected patients. Aids, 2007, 21, 1980-1983.	1.0	16
94	Testing Protocols in the Intensive Care Unit. JAMA - Journal of the American Medical Association, 2008, 299, 693.	3.8	16
95	Bench-to-bedside review: fulfilling promises of the Human Genome Project. Critical Care, 2002, 6, 212.	2.5	15
96	cGMP-dependent protein kinase I interacts with TRIM39R, a novel Rpp21 domain-containing TRIM protein. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L903-L912.	1.3	15
97	Hemodynamic efficiency of hemodialysis treatment with high cut-off membrane during the early period of post-resuscitation shock: The HYPERDIA trial. Resuscitation, 2019, 140, 170-177.	1.3	15
98	Inhaled nitric oxide for hemodynamic support after postpneumonectomy ARDS. Intensive Care Medicine, 1995, 21, 675-678.	3.9	14
99	Multifocal community-acquired necrotizing fasciitis caused by a Panton-Valentine leukocidin-producing methicillin-sensitive Staphylococcus aureus. Infection, 2010, 38, 223-225.	2.3	14
100	ICU structures and organization: putting together all the pieces of a very complex puzzle. Intensive Care Medicine, 2011, 37, 1569-1571.	3.9	13
101	Combined loss of cRel/p50 subunits of NF-κB leads to impaired innate host response in sepsis. Innate Immunity, 2012, 18, 753-763.	1.1	13
102	The future of intensive care medicine. Medicina Intensiva, 2013, 37, 91-98.	0.4	13
103	IMPDHII Protein Inhibits Toll-like Receptor 2-mediated Activation of NF-κB. Journal of Biological Chemistry, 2011, 286, 23319-23333.	1.6	12
104	Impact of Blood Product Transfusions on the Risk of ICU-Acquired Infections in Septic Shock*. Critical Care Medicine, 2021, 49, 912-922.	0.4	12
105	Plasma thioredoxin levels during post-cardiac arrest syndrome: relationship with severity and outcome. Critical Care, 2013, 17, R18.	2.5	11
106	Methodological challenges in European ethics approvals for a genetic epidemiology study in critically ill patients: the GenOSept experience. BMC Medical Ethics, 2019, 20, 30.	1.0	11
107	Hemodynamic Impact of Cardiovascular Antihypertensive Medications in Patients With Sepsis-Related Acute Circulatory Failure. Shock, 2020, 54, 315-320.	1.0	11
108	Association between trends in clinical variables and outcome in intensive care patients with faecal peritonitis: analysis of the GenOSept cohort. Critical Care, 2015, 19, 210.	2.5	10

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109	Pulmonary infections prime the development of subsequent ICU-acquired pneumonia in septic shock. Annals of Intensive Care, 2019, 9, 39.	2.2	10
110	Predictors of external cooling failure after cardiac arrest. Intensive Care Medicine, 2013, 39, 620-628.	3.9	9
111	Post-registration ICU nurses education: Plea for a European curriculum. International Journal of Nursing Studies, 2012, 49, 127-128.	2.5	8
112	Postâ€transfusion platelet responses in critically ill cancer patients with hypoproliferative thrombocytopenia. Transfusion, 2020, 60, 275-284.	0.8	8
113	Cytokine Polymorphisms and Susceptibility to Severe Infectious Diseases. Sepsis, 2001, 4, 209-215.	0.5	7
114	Beyond clinical phenotype: The biologic integratome. Critical Care Medicine, 2009, 37, S38-S49.	0.4	7
115	Platelet transfusions in cancer patients with hypoproliferative thrombocytopenia in the intensive care unit. Annals of Intensive Care, 2015, 5, 46.	2.2	7
116	Derivation and validation of a prognostic model for postoperative risk stratification of critically ill patients with faecal peritonitis. Annals of Intensive Care, 2017, 7, 96.	2.2	7
117	Assessing the Functional Heterogeneity of Monocytes in Human Septic Shock: a Proof-of-Concept Microfluidic Assay of TNFα Secretion. Frontiers in Immunology, 2021, 12, 686111.	2.2	6
118	Localization of rat genes in the nitric oxide signaling pathway: candidates for the pathogenesis of complex diseases. Mammalian Genome, 1999, 10, 71-73.	1.0	5
119	Risk factors for post-ICU red blood cell transfusion: a prospective study. Critical Care, 2006, 10, R129.	2.5	5
120	Absence of association between a functional polymorphism of ALOX15 gene and infertility in endometriosis. Fertility and Sterility, 2009, 91, 1414-1416.	0.5	5
121	Association of REL polymorphisms and outcome of patients with septic shock. Annals of Intensive Care, 2016, 6, 28.	2.2	5
122	Effects of early high-dose erythropoietin on acute kidney injury following cardiac arrest: exploratory post hoc analyses from an open-label randomized trial. CKJ: Clinical Kidney Journal, 2019, 13, 413-420.	1.4	5
123	A new dawn for critical care research. Intensive Care Medicine Experimental, 2013, 1, 1.	0.9	3
124	Early recurrent arrhythmias after out-of-hospital cardiac arrest associated with obstructive coronary artery disease: Analysis of the PROCAT registry. Resuscitation, 2019, 141, 81-87.	1.3	3
125	Inhaled nitric oxide for right ventricular dysfunction in chronic obstructive pulmonary disease patients: Fall or rise of an idea?. Critical Care Medicine, 1999, 27, 2299-2301.	0.4	3
126	Causes of acute respiratory failure in patients with small-vessel vasculitis admitted to intensive care units: a multicenter retrospective study. Annals of Intensive Care, 2021, 11, 158.	2.2	3

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127	Training in trains: an educational program to teach bystander CPR. Intensive Care Medicine, 2015, 41, 1361-1362.	3.9	1
128	Post-cardiac arrest myoclonus and in ICU mortality: insights from the Parisian Registry of Cardiac Arrest (PROCAT). Neurological Sciences, 2022, 43, 533-540.	0.9	1
129	Low-dose mycophenolate mofetil improves survival in a murine model of Staphylococcus aureus sepsis by increasing bacterial clearance and phagocyte function. Frontiers in Immunology, 0, 13 , .	2.2	1
130	Renal replacement therapy in acute renal failure – Authors' reply. Lancet, The, 2006, 368, 1492.	6. 3	0
131	Randomized Controlled Trials in Critical Care Medicine—Reply. JAMA - Journal of the American Medical Association, 2008, 300, 43.	3.8	O
132	Nobel Prize laureates pave the way for therapeutic advances in sepsis. Intensive Care Medicine, 2012, 38, 183-185.	3.9	0