

Jean-Louis Vincent

List of Publications by Year in Descending Order

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

998
papers

131,959
citations

144
h-index

349
g-index

1,143
ext. papers

155,408
ext. citations

6.9
avg, IF

8.48
L-index

#	Paper	IF	Citations
998	Evaluation of a new smartphone optical blood pressure application (OptiBP) in the post-anesthesia care unit: a method comparison study against the non-invasive automatic oscillometric brachial cuff as the reference method.. <i>Journal of Clinical Monitoring and Computing</i> , 2022 , 1	2	0
997	Control of Postoperative Hypotension Using a Closed-Loop System for Norepinephrine Infusion in Patients After Cardiac Surgery: A Randomized Trial.. <i>Anesthesia and Analgesia</i> , 2022 ,	3.9	2
996	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	4	0
995	Selenocompounds and Sepsis: Redox Bypass Hypothesis: Part B- Selenocompounds in the Management of Early Sepsis.. <i>Antioxidants and Redox Signaling</i> , 2022 ,	8.4	3
994	Septic shock: incidence, mortality and hospital readmission rates in French intensive care units from 2014 to 2018.. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022 , 101082	3	1
993	Challenges in Critical Care. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021 , 42, 1	3.9	
992	Prevention and management of thrombosis in hospitalised patients with COVID-19 pneumonia. <i>Lancet Respiratory Medicine</i> , 2021 ,	35.1	10
991	Endothelial dysfunction: a therapeutic target in bacterial sepsis?. <i>Expert Opinion on Therapeutic Targets</i> , 2021 , 25, 733-748	6.4	1
990	Cerebral autoregulation in anoxic brain injury patients treated with targeted temperature management. <i>Journal of Intensive Care</i> , 2021 , 9, 67	7	1
989	Long-term outcomes after critical illness: recent insights. <i>Critical Care</i> , 2021 , 25, 108	10.8	23
988	How the COVID-19 pandemic will change the future of critical care. <i>Intensive Care Medicine</i> , 2021 , 47, 282-291	14.5	34
987	Efficacy and safety of human soluble thrombomodulin (ART-123) for treatment of patients in France with sepsis-associated coagulopathy: post hoc analysis of SCARLET. <i>Annals of Intensive Care</i> , 2021 , 11, 53	8.9	3
986	Addressing gender imbalance in intensive care. <i>Critical Care</i> , 2021 , 25, 147	10.8	1
985	Blood lactate levels in sepsis: in 8 questions. <i>Current Opinion in Critical Care</i> , 2021 , 27, 298-302	3.5	7
984	Organ donation after circulatory death: please do not waste time!. <i>Intensive Care Medicine</i> , 2021 , 47, 720-721	14.5	1
983	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	8.9	2
982	Machine Learning as a Precision-Medicine Approach to Prescribing COVID-19 Pharmacotherapy with Remdesivir or Corticosteroids. <i>Clinical Therapeutics</i> , 2021 , 43, 871-885	3.5	3

981	Impact of therapeutic hypothermia during cardiopulmonary resuscitation on neurologic outcome: A systematic review and meta-analysis. <i>Resuscitation</i> , 2021 , 162, 365-371	4	3
980	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	10.8	2
979	Association of anemia and transfusions with outcome after subarachnoid hemorrhage. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 206, 106676	2	0
978	Intracranial pressure monitoring in patients with acute brain injury in the intensive care unit (SYNAPSE-ICU): an international, prospective observational cohort study. <i>Lancet Neurology</i> , 2021 , 20, 548-558	24.1	24
977	Correlation Between Electroencephalography and Automated Pupillometry in Critically Ill Patients: A Pilot Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2021 , 33, 161-166	3	4
976	Noninvasive Monitoring in the Intensive Care Unit. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021 , 42, 40-46	3.9	0
975	Goal-directed fluid therapy for oesophagectomy surgery. <i>British Journal of Anaesthesia</i> , 2021 , 126, e54-e55	5.4	0
974	Automated closed-loop versus manually controlled norepinephrine infusion in patients undergoing intermediate- to high-risk abdominal surgery: a randomised controlled trial. <i>British Journal of Anaesthesia</i> , 2021 , 126, 210-218	5.4	10
973	Intraoperative hypotension during liver transplant surgery is associated with postoperative acute kidney injury: a historical cohort study. <i>BMC Anesthesiology</i> , 2021 , 21, 12	2.4	3
972	COVID-19: What we've done well and what we could or should have done better-the 4 Ps. <i>Critical Care</i> , 2021 , 25, 40	10.8	7
971	Use of Biomarkers to Identify Acute Kidney Injury to Help Detect Sepsis in Patients With Infection. <i>Critical Care Medicine</i> , 2021 , 49, e360-e368	1.4	3
970	The Relationship Between Heart Rate and Body Temperature in Critically Ill Patients. <i>Critical Care Medicine</i> , 2021 , 49, e327-e331	1.4	2
969	Current use of inotropes in circulatory shock. <i>Annals of Intensive Care</i> , 2021 , 11, 21	8.9	11
968	Neuron-specific enolase levels are not related to cerebral autoregulation in septic patients. <i>Minerva Anestesiologica</i> , 2021 , 87, 238-239	1.9	
967	Incoherence between Systemic Hemodynamic and Microcirculatory Response to Fluid Challenge in Critically Ill Patients. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
966	Temporal changes in the epidemiology, management, and outcome from acute respiratory distress syndrome in European intensive care units: a comparison of two large cohorts. <i>Critical Care</i> , 2021 , 25, 87	10.8	2
965	Hemodynamic Monitoring and Support. <i>Critical Care Medicine</i> , 2021 , 49, 1638-1650	1.4	5
964	Acute abdomen in the immunocompromised patient: WSES, SIS-E, WSIS, AAST, and GAIS guidelines. <i>World Journal of Emergency Surgery</i> , 2021 , 16, 40	9.2	0

963	Brain tissue oxygenation guided therapy and outcome in non-traumatic subarachnoid hemorrhage. <i>Scientific Reports</i> , 2021 , 11, 16235	4.9	3
962	Association of cerebrospinal fluid protein biomarkers with outcomes in patients with traumatic and non-traumatic acute brain injury: systematic review of the literature. <i>Critical Care</i> , 2021 , 25, 278	10.8	4
961	Current practice and evolving concepts in septic shock resuscitation.. <i>Intensive Care Medicine</i> , 2021 , 48, 148	14.5	5
960	Antibody-based therapies for COVID-19: Can Europe move faster?. <i>PLoS Medicine</i> , 2020 , 17, e1003127	11.6	3
959	Biomarkers of sepsis: time for a reappraisal. <i>Critical Care</i> , 2020 , 24, 287	10.8	86
958	Time to intra-arrest therapeutic hypothermia in out-of-hospital cardiac arrest patients and its association with neurologic outcome: a propensity matched sub-analysis of the PRINCESS trial. <i>Intensive Care Medicine</i> , 2020 , 46, 1361-1370	14.5	8
957	Septic shock patients with adequate tissue perfusion parameters still need the recommended minimal Mean Arterial Pressure: It depends. <i>Journal of Critical Care</i> , 2020 , 56, 311-312	4	
956	Oxygen and carbon dioxide levels in patients after cardiac arrest. <i>Resuscitation</i> , 2020 , 150, 1-7	4	6
955	Alterations in Skin Blood Flow at the Fingertip Are Related to Mortality in Patients With Circulatory Shock. <i>Critical Care Medicine</i> , 2020 , 48, 443-450	1.4	12
954	Prevalence and Outcomes of Infection Among Patients in Intensive Care Units in 2017. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1478-1487	27.4	136
953	Efficacy and safety of recombinant human soluble thrombomodulin in patients with sepsis-associated coagulopathy: A systematic review and meta-analysis. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 1618-1625	15.4	17
952	Low hemoglobin and venous saturation levels are associated with poor neurological outcomes after cardiac arrest. <i>Resuscitation</i> , 2020 , 153, 202-208	4	1
951	Multimodal non-invasive assessment of intracranial hypertension: an observational study. <i>Critical Care</i> , 2020 , 24, 379	10.8	20
950	Vitamin C for Sepsis and Acute Respiratory Failure. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 792	27.4	10
949	The authors reply. <i>Critical Care Medicine</i> , 2020 , 48, e251	1.4	
948	Effect of Intravenous Interferon β 1a 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> , 2020 , 323, 725-733	27.4	59
947	Has outcome in sepsis improved? What works? What does not? 2020 , 274-278.e1		
946	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	4.3	40

945	Understanding pathways to death in patients with COVID-19. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 430-432	35.1	150
944	The clinical relevance of oliguria in the critically ill patient: analysis of a large observational database. <i>Critical Care</i> , 2020 , 24, 171	10.8	9
943	What matters in shock? Flow or pressure?. <i>Qatar Medical Journal</i> , 2020 , 2019,	0.5	78
942	Vasopressors to treat refractory septic shock. <i>Minerva Anestesiologica</i> , 2020 , 86, 537-545	1.9	6
941	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, 397-401	1.9	1
940	An international perspective on the frequency, perception of utility, and quality of interprofessional rounds practices in intensive care units. <i>Journal of Critical Care</i> , 2020 , 55, 28-34	4	
939	The Future of Biomarkers. <i>Critical Care Clinics</i> , 2020 , 36, 177-187	4.5	11
938	High Quality Targeted Temperature Management (TTM) After Cardiac Arrest. <i>Critical Care</i> , 2020 , 24, 6	10.8	30
937	Intravascular Volume Assessment in the Critically Ill Patient. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020 , 15, 557-559	6.9	2
936	Comparison of 2 Automated Pupillometry Devices in Critically Ill Patients. <i>Journal of Neurosurgical Anesthesiology</i> , 2020 , 32, 323-329	3	4
935	Systematic Review and Meta-Analysis of Effects of Transfusion on Hemodynamic and Oxygenation Variables. <i>Critical Care Medicine</i> , 2020 , 48, 241-248	1.4	6
934	Glucose and Lactate Concentrations in Cerebrospinal Fluid After Traumatic Brain Injury. <i>Journal of Neurosurgical Anesthesiology</i> , 2020 , 32, 162-169	3	9
933	Pandemic-Related Submissions: The Challenge of Discerning Signal Amidst Noise. <i>Critical Care Medicine</i> , 2020 , 48, 1099-1102	1.4	7
932	The authors reply. <i>Critical Care Medicine</i> , 2020 , 48, e435-e436	1.4	
931	Transfusion in the mechanically ventilated patient. <i>Intensive Care Medicine</i> , 2020 , 46, 2450-2457	14.5	9
930	Is Machine Learning a Better Way to Identify COVID-19 Patients Who Might Benefit from Hydroxychloroquine Treatment?-The IDENTIFY Trial. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
929	The use of automated pupillometry to assess cerebral autoregulation: a retrospective study. <i>Journal of Intensive Care</i> , 2020 , 8, 57	7	3
928	Effect of a Recombinant Human Soluble Thrombomodulin on Baseline Coagulation Biomarker Levels and Mortality Outcome in Patients With Sepsis-Associated Coagulopathy. <i>Critical Care Medicine</i> , 2020 , 48, 1140-1147	1.4	17

927	Unspecific post-mortem findings despite multiorgan viral spread in COVID-19 patients. <i>Critical Care</i> , 2020 , 24, 495	10.8	145
926	Prediction of respiratory decompensation in Covid-19 patients using machine learning: The READY trial. <i>Computers in Biology and Medicine</i> , 2020 , 124, 103949	7	62
925	Electroencephalographic features in patients undergoing extracorporeal membrane oxygenation. <i>Critical Care</i> , 2020 , 24, 629	10.8	6
924	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 1201-1208	35.1	293
923	How have red blood transfusion practices changed in critically ill patients? A comparison of the ICON and ABC studies conducted 13 years apart. <i>Transfusion</i> , 2020 , 60, 2801-2806	2.9	2
922	Hydroxyethyl starch for perioperative goal-directed fluid therapy in 2020: a narrative review. <i>BMC Anesthesiology</i> , 2020 , 20, 209	2.4	7
921	Pulse pressure variation using a novel smartphone application (Capstesia) versus invasive pulse contour analysis in patients undergoing cardiac surgery: a secondary analysis focusing on clinical decision making. <i>Journal of Clinical Monitoring and Computing</i> , 2020 , 34, 379-380	2	2
920	Things we would never do regarding end-of-life care in the ICU. <i>Intensive Care Medicine</i> , 2020 , 46, 145-146	1.5	2
919	Hydroxychloroquine in the management of critically ill patients with COVID-19: the need for an evidence base. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 539-541	35.1	82
918	Using arterial-venous oxygen difference to guide red blood cell transfusion strategy. <i>Critical Care</i> , 2020 , 24, 160	10.8	4
917	Renin as a Marker of Tissue-Perfusion and Prognosis in Critically Ill Patients. <i>Critical Care Medicine</i> , 2019 , 47, 152-158	1.4	21
916	Estimation of central arterial pressure from the radial artery in patients undergoing invasive neuroradiological procedures. <i>BMC Anesthesiology</i> , 2019 , 19, 173	2.4	5
915	Metabolic support in the critically ill: a consensus of 19. <i>Critical Care</i> , 2019 , 23, 318	10.8	37
914	Long-term Impact of Crystalloid versus Colloid Solutions on Renal Function and Disability-free Survival after Major Abdominal Surgery. <i>Anesthesiology</i> , 2019 , 130, 227-236	4.3	26
913	Comparison of extracorporeal and conventional cardiopulmonary resuscitation: a retrospective propensity score matched study. <i>Critical Care</i> , 2019 , 23, 27	10.8	39
912	The continuum of critical care. <i>Critical Care</i> , 2019 , 23, 122	10.8	16
911	Thinking forward: promising but unproven ideas for future intensive care. <i>Critical Care</i> , 2019 , 23, 197	10.8	1
910	Understanding Hyperlactatemia in Human Sepsis: Are We Making Progress?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 1070-1071	10.2	2

909	Frequency and mortality of septic shock in Europe and North America: a systematic review and meta-analysis. <i>Critical Care</i> , 2019 , 23, 196	10.8	121
908	Effect of a Recombinant Human Soluble Thrombomodulin on Mortality in Patients With Sepsis-Associated Coagulopathy: The SCARLET Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1993-2002	27.4	134
907	The Critically Ill Patient 2019 , 1-4.e1		
906	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> , 2019 , 321, 1677-1685	27.4	56
905	International prospective observational study on intracranial pressure in intensive care (ICU): the SYNAPSE-ICU study protocol. <i>BMJ Open</i> , 2019 , 9, e026552	3	8
904	Ability of a New Smartphone Pulse Pressure Variation and Cardiac Output Application to Predict Fluid Responsiveness in Patients Undergoing Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2019 , 128, 1145-1151	3.9	8
903	Fluid management in the critically ill. <i>Kidney International</i> , 2019 , 96, 52-57	9.9	28
902	Current use of vasopressors in septic shock. <i>Annals of Intensive Care</i> , 2019 , 9, 20	8.9	58
901	The European guideline on management of major bleeding and coagulopathy following trauma: fifth edition. <i>Critical Care</i> , 2019 , 23, 98	10.8	467
900	Angiotensin-converting enzymes in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2019 , 45, 1159-1160	14.5	11
899	Relationship between Microcirculatory Perfusion and Arterial Elastance: A Pilot Study. <i>Critical Care Research and Practice</i> , 2019 , 2019, 3256313	1.5	3
898	Assessing the Adequacy of Cardiac Output. <i>Lessons From the ICU</i> , 2019 , 21-26	0.1	0
897	Effect of a Resuscitation Strategy Targeting Peripheral Perfusion Status vs Serum Lactate Levels on 28-Day Mortality Among Patients With Septic Shock: The ANDROMEDA-SHOCK Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 654-664	27.4	252
896	Challenges in the management of septic shock: a narrative review. <i>Intensive Care Medicine</i> , 2019 , 45, 420-433	14.5	22
895	Non-antibiotic therapies for sepsis: an update. <i>Expert Review of Anti-Infective Therapy</i> , 2019 , 17, 169-175	5.5	4
894	Endotoxin and cytokine reducing properties of the oXiris membrane in patients with septic shock: A randomized crossover double-blind study. <i>PLoS ONE</i> , 2019 , 14, e0220444	3.7	67
893	Clinical trial design for unmet clinical needs: a spotlight on sepsis. <i>Expert Review of Clinical Pharmacology</i> , 2019 , 12, 893-900	3.8	6
892	Safety and efficacy of beta-blockers to improve oxygenation in patients on veno-venous ECMO. <i>Journal of Critical Care</i> , 2019 , 53, 248-252	4	11

891	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	5.4	22
890	Protocolised personalised peri-operative haemodynamic management. <i>European Journal of Anaesthesiology</i> , 2019 , 36, 551-554	2.3	8
889	A worldwide perspective of sepsis epidemiology and survival according to age: Observational data from the ICON audit. <i>Journal of Critical Care</i> , 2019 , 51, 122-132	4	9
888	The early change of SOFA score as a prognostic marker of 28-day sepsis mortality: analysis through a derivation and a validation cohort. <i>Critical Care</i> , 2019 , 23, 387	10.8	30
887	Automated Titration of Vasopressor Infusion Using a Closed-loop Controller: In Vivo Feasibility Study Using a Swine Model. <i>Anesthesiology</i> , 2019 , 130, 394-403	4.3	22
886	1639. <i>Critical Care Medicine</i> , 2019 , 47, 794	1.4	
885	Which Multicenter Randomized Controlled Trials in Critical Care Medicine Have Shown Reduced Mortality? A Systematic Review. <i>Critical Care Medicine</i> , 2019 , 47, 1680-1691	1.4	53
884	Hypertonic Saline in Human Sepsis: A Systematic Review of Randomized Controlled Trials. <i>Anesthesia and Analgesia</i> , 2019 , 128, 1175-1184	3.9	3
883	Design and Evaluation of a Wireless Electrocardiogram Monitor in an Operating Room: A Pilot Study. <i>Anesthesia and Analgesia</i> , 2019 , 129, 991-996	3.9	1
882	Fluid administration for acute circulatory dysfunction using basic monitoring: narrative review and expert panel recommendations from an ESICM task force. <i>Intensive Care Medicine</i> , 2019 , 45, 21-32	14.5	44
881	Monitoring of pulse pressure variation using a new smartphone application (Capstesia) versus stroke volume variation using an uncalibrated pulse wave analysis monitor: a clinical decision making study during major abdominal surgery. <i>Journal of Clinical Monitoring and Computing</i> , 2019 , 33, 787-793	2	8
880	Streamlining pre- and intra-hospital care for patients with severe trauma: a white paper from the European Critical Care Foundation. <i>European Journal of Trauma and Emergency Surgery</i> , 2019 , 45, 39-48	2.3	
879	Improving detection of patient deterioration in the general hospital ward environment. <i>European Journal of Anaesthesiology</i> , 2018 , 35, 325-333	2.3	46
878	Near-Continuous Glucose Monitoring Makes Glycemic Control Safer in ICU Patients. <i>Critical Care Medicine</i> , 2018 , 46, 1224-1229	1.4	22
877	Mechanisms and treatment of organ failure in sepsis. <i>Nature Reviews Nephrology</i> , 2018 , 14, 417-427	14.9	195
876	Sepsis Biomarkers 2018 , 81-94		
875	Cardiac output monitoring: how to choose the optimal method for the individual patient. <i>Current Opinion in Critical Care</i> , 2018 , 24, 165-172	3.5	35
874	Efficacy and safety of trimodulin, a novel polyclonal antibody preparation, in patients with severe community-acquired pneumonia: a randomized, placebo-controlled, double-blind, multicenter, phase II trial (CIGMA study). <i>Intensive Care Medicine</i> , 2018 , 44, 438-448	14.5	62

873	Comparison of European ICU patients in 2012 (ICON) versus 2002 (SOAP). <i>Intensive Care Medicine</i> , 2018 , 44, 337-344	14.5	71
872	Research in Extracorporeal Life Support: A Call to Action. <i>Chest</i> , 2018 , 153, 788-791	5.3	21
871	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> , 2018 , 44, 281-299	14.5	183
870	In Response. <i>Anesthesia and Analgesia</i> , 2018 , 126, 1088-1089	3.9	
869	We Do Not Appreciate SALT. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1361	10.2	4
868	Worldwide audit of blood transfusion practice in critically ill patients. <i>Critical Care</i> , 2018 , 22, 102	10.8	39
867	Alternatives to the Swan-Ganz catheter. <i>Intensive Care Medicine</i> , 2018 , 44, 730-741	14.5	47
866	The pulmonary artery catheter: is it still alive?. <i>Current Opinion in Critical Care</i> , 2018 , 24, 204-208	3.5	15
865	Cerebral Near-Infrared Spectroscopy in Adult Patients Undergoing Veno-Arterial Extracorporeal Membrane Oxygenation. <i>Neurocritical Care</i> , 2018 , 29, 94-104	3.3	39
864	Novel Interventions: What's New and the Future. <i>Critical Care Clinics</i> , 2018 , 34, 161-173	4.5	15
863	Peripheral Muscle Near-Infrared Spectroscopy Variables are Altered Early in Septic Shock. <i>Shock</i> , 2018 , 50, 87-95	3.4	8
862	Extracorporeal organ support (ECOS) in critical illness and acute kidney injury: from native to artificial organ crosstalk. <i>Intensive Care Medicine</i> , 2018 , 44, 1447-1459	14.5	46
861	A worldwide multicentre evaluation of the influence of deterioration or improvement of acute kidney injury on clinical outcome in critically ill patients with and without sepsis at ICU admission: results from The Intensive Care Over Nations audit. <i>Critical Care</i> , 2018 , 22, 188	10.8	71
860	β-Lactam Dosage Regimens in Septic Patients with Augmented Renal Clearance. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	30
859	The impact of diastolic blood pressure values on the neurological outcome of cardiac arrest patients. <i>Resuscitation</i> , 2018 , 130, 167-173	4	16
858	Should we measure the central venous pressure to guide fluid management? Ten answers to 10 questions. <i>Critical Care</i> , 2018 , 22, 43	10.8	76
857	Renal autoregulation and blood pressure management in circulatory shock. <i>Critical Care</i> , 2018 , 22, 81	10.8	13
856	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> , 2018 , 8, 60	8.9	11

855	Predictors of major complications after elective abdominal surgery in cancer patients. <i>BMC Anesthesiology</i> , 2018 , 18, 49	2.4	15
854	Hypotension and a positive fluid balance are associated with delirium in patients with shock. <i>PLoS ONE</i> , 2018 , 13, e0200495	3.7	14
853	True changes in patient characteristics and outcomes or partially a reflection of different study populations? : Discussion on "Comparison of European ICU patients in 2012 (ICON) versus 2002 (SOAP)". <i>Intensive Care Medicine</i> , 2018 , 44, 1195-1196	14.5	1
852	Sepsis is a global burden to human health: incidences are underrepresented : Discussion on " Comparison of European ICU patients in 2012 (ICON) versus 2002 (SOAP)". <i>Intensive Care Medicine</i> , 2018 , 44, 1197-1198	14.5	
851	Antibiotic administration in the ambulance?. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 5-6	35.1	6
850	Pragmatic studies for acute kidney injury: Consensus report of the Acute Disease Quality Initiative (ADQI) 19 Workgroup. <i>Journal of Critical Care</i> , 2018 , 44, 337-344	4	3
849	Polymyxin B-immobilized hemoperfusion and mortality in critically ill adult patients with sepsis/septic shock: a systematic review with meta-analysis and trial sequential analysis. <i>Intensive Care Medicine</i> , 2018 , 44, 167-178	14.5	49
848	Sepsis in Intensive Care Unit Patients: Worldwide Data From the Intensive Care over Nations Audit. <i>Open Forum Infectious Diseases</i> , 2018 , 5, ofy313	1	120
847	Acute liver dysfunction after cardiac arrest. <i>PLoS ONE</i> , 2018 , 13, e0206655	3.7	19
846	Can red blood cell distribution width predict outcome after cardiac arrest?. <i>Minerva Anestesiologica</i> , 2018 , 84, 693-702	1.9	9
845	Mean arterial pressure and mortality in patients with distributive shock: a retrospective analysis of the MIMIC-III database. <i>Annals of Intensive Care</i> , 2018 , 8, 107	8.9	48
844	Impaired cerebral autoregulation is associated with brain dysfunction in patients with sepsis. <i>Critical Care</i> , 2018 , 22, 327	10.8	47
843	Renal autoregulation in experimental septic shock and its response to vasopressin and norepinephrine administration. <i>Journal of Applied Physiology</i> , 2018 ,	3.7	2
842	Platelet indices and outcome after cardiac arrest. <i>BMC Emergency Medicine</i> , 2018 , 18, 31	2.4	6
841	Current management of Gram-negative septic shock. <i>Current Opinion in Infectious Diseases</i> , 2018 , 31, 600-605	5.4	1
840	Effects of acute ethanol intoxication in an ovine peritonitis model. <i>BMC Anesthesiology</i> , 2018 , 18, 70	2.4	2
839	Intensive care medicine in 2050: towards critical care without central lines. <i>Intensive Care Medicine</i> , 2018 , 44, 922-924	14.5	2
838	Acute Kidney Injury After Subarachnoid Hemorrhage. <i>Journal of Neurosurgical Anesthesiology</i> , 2017 , 29, 140-149	3	15

837	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
836	No relationship between red blood cell distribution width and microcirculatory alterations in septic patients. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 66, 131-141	2.5	12
835	Intensive care medicine in 2050: NEWS for hemodynamic monitoring. <i>Intensive Care Medicine</i> , 2017 , 43, 440-442	14.5	12
834	Sepsis: frontiers in supportive care, organisation and research. <i>Intensive Care Medicine</i> , 2017 , 43, 496-508	14.5	47
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474	Evolving concepts in sepsis definitions. <i>Critical Care Clinics</i> , 2009 , 25, 665-75, vii	4.5	137
473	Logistics of large international trials: the good, the bad, and the ugly. <i>Critical Care Medicine</i> , 2009 , 37, S75-9	1.4	7
472	A multicenter, randomized, double-blind, placebo-controlled, dose-escalation trial assessing safety and efficacy of active site inactivated recombinant factor VIIa in subjects with acute lung injury or acute respiratory distress syndrome. <i>Critical Care Medicine</i> , 2009 , 37, 1874-80	1.4	58
471	A large-bolus injection, but not continuous infusion of sodium selenite improves outcome in peritonitis. <i>Shock</i> , 2009 , 32, 140-6	3.4	55
470	Early alterations of red blood cell rheology in critically ill patients. <i>Critical Care Medicine</i> , 2009 , 37, 3041-6	6.4	73
469	The reproducibility of Stewart parameters for acid-base diagnosis using two central laboratory analyzers. <i>Anesthesia and Analgesia</i> , 2009 , 109, 1517-23	3.9	21
468	Neuraminidase alters red blood cells in sepsis. <i>Critical Care Medicine</i> , 2009 , 37, 1244-50	1.4	23
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465	Intensive care unit-acquired weakness: framing the topic. <i>Critical Care Medicine</i> , 2009 , 37, S296-8	1.4	24
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463	Effects of hydrocortisone on microcirculatory alterations in patients with septic shock. <i>Critical Care Medicine</i> , 2009 , 37, 1341-7	1.4	60
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457	The Sepsis Syndrome 2009 , 827-830		0
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453	Sepsis and organ system failure are major determinants of post-intensive care unit mortality. <i>Journal of Critical Care</i> , 2008 , 23, 475-83	4	34
452	Important issues in the design and reporting of clinical trials in severe sepsis and acute lung injury. <i>Journal of Critical Care</i> , 2008 , 23, 493-9	4	15
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449	Steroids in sepsis: another swing of the pendulum in our clinical trials. <i>Critical Care</i> , 2008 , 12, 141	10.8	19
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439	Combination of biphasic transmittance waveform with blood procalcitonin levels for diagnosis of sepsis in acutely ill patients. <i>Critical Care Medicine</i> , 2008 , 36, 1507-12	1.4	34
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393	Initial empirical antibacterial therapy of ventilator-associated pneumonia. <i>Treatments in Respiratory Medicine</i> , 2006 , 5, 85-91		3
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375	Effects of dexamethasone on macrophage migration inhibitory factor production in sepsis. <i>Shock</i> , 2006 , 26, 169-73	3.4	16
374	Beneficial effects of alkaline phosphatase in septic shock. <i>Critical Care Medicine</i> , 2006 , 34, 2182-7	1.4	54
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372	Dobutamine to rescue the microcirculation?. <i>Critical Care Medicine</i> , 2006 , 34, 2700-2701	1.4	
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370	Effects of drotrecogin alfa activated on microcirculatory alterations in patients with severe sepsis. <i>Critical Care Medicine</i> , 2006 , 34, 1918-24	1.4	644

369	Peripheral Administration of Vasopressin for Catecholamine-Resistant Hypotension Complicated by Skin Necrosis. <i>Critical Care Medicine</i> , 2006 , 34, 935-936	1.4	7
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363	End-of-life practice in Belgium and the new euthanasia law. <i>Intensive Care Medicine</i> , 2006 , 32, 1908-11	14.5	13
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361	Tissue capnometry: does the answer lie under the tongue? 2006 , 121-129		
360	Oxygen transportthe oxygen delivery controversy 2006 , 337-343		2
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356	Microvascular dysfunction as a cause of organ dysfunction in severe sepsis. <i>Critical Care</i> , 2005 , 9 Suppl 4, S9-12	10.8	120
355	Is albumin administration in the acutely ill associated with increased mortality? Results of the SOAP study. <i>Critical Care</i> , 2005 , 9, R745-54	10.8	67
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351	Ethics roundtable debate: A patient dies from an ICU-acquired infection related to methicillin-resistant <i>Staphylococcus aureus</i> --how do you defend your case and your team?. <i>Critical Care</i> , 2005 , 9, 5-9	10.8	4
350	Decreased mortality with the use of the pulmonary artery catheter?. <i>Critical Care Medicine</i> , 2005 , 33, 917; author reply 917	1.4	1
349	Let us use the pulmonary artery catheter correctly and only when we need it. <i>Critical Care Medicine</i> , 2005 , 33, 1119-22	1.4	153
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345	Outcome measures for clinical research in sepsis: a report of the 2nd Cambridge Colloquium of the International Sepsis Forum. <i>Critical Care Medicine</i> , 2005 , 33, 1708-16	1.4	114
344	Relative adrenal insufficiency in patients with septic shock: comparison of low-dose and conventional corticotropin tests. <i>Critical Care Medicine</i> , 2005 , 33, 2479-86	1.4	99
343	Intensivists Should Use Bedside Echocardiography. <i>Critical Care Medicine</i> , 2005 , 33, 2859	1.4	
342	Morbidity in Hospitalized Patients Receiving Human Albumin: A Meta-Analysis of Randomized, Controlled Trials. <i>Critical Care Medicine</i> , 2005 , 33, 915-917	1.4	3
341	Give your patient a fast hug (at least) once a day. <i>Critical Care Medicine</i> , 2005 , 33, 1225-9	1.4	165
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339	Early changes in organ function predict eventual survival in severe sepsis. <i>Critical Care Medicine</i> , 2005 , 33, 2194-201	1.4	319
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329	Ventriculostomy-related infections in critically ill patients: a 6-year experience. <i>Journal of Neurosurgery</i> , 2005 , 103, 468-72	3.2	87
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326	High tidal volume and positive fluid balance are associated with worse outcome in acute lung injury. <i>Chest</i> , 2005 , 128, 3098-108	5.3	317
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323	Fever control in septic shock: beneficial or harmful?. <i>Shock</i> , 2005 , 23, 516-20	3.4	41
322	How to approach sepsis today?. <i>Contributions To Nephrology</i> , 2004 , 144, 350-61	1.6	
321	Septic shock of early or late onset: does it matter?. <i>Chest</i> , 2004 , 126, 173-8	5.3	28
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319	Effects of fluid challenge on gastric mucosal PCO2 in septic patients. <i>Intensive Care Medicine</i> , 2004 , 30, 423-9	14.5	36
318	Lactic acidosis: an early marker of propofol infusion syndrome?. <i>Intensive Care Medicine</i> , 2004 , 30, 522	14.5	40
317	Can the experienced ICU physician predict ICU length of stay and outcome better than less experienced colleagues?. <i>Intensive Care Medicine</i> , 2004 , 30, 655-9	14.5	31
316	Surviving Sepsis Campaign guidelines for management of severe sepsis and septic shock. <i>Intensive Care Medicine</i> , 2004 , 30, 536-55	14.5	1144

315	Coagulation in sepsis. <i>Intensive Care Medicine</i> , 2004 , 30, 1032-40	14.5	123
314	Analysis of terminal events in 109 successive deaths in a Belgian intensive care unit. <i>Intensive Care Medicine</i> , 2004 , 30, 1224-7	14.5	38
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303	Association between the TNF-2 allele and a better survival in cardiogenic shock. <i>Chest</i> , 2004 , 125, 2232-7	5.3	10
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299	Use of low tidal volume in septic shock may decrease severity of subsequent acute lung injury. <i>Shock</i> , 2004 , 22, 145-50	3.4	24
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297	Morbidity in hospitalized patients receiving human albumin: a meta-analysis of randomized, controlled trials. <i>Critical Care Medicine</i> , 2004 , 32, 2029-38	1.4	168
296	Endpoints in sepsis trials: more than just 28-day mortality?. <i>Critical Care Medicine</i> , 2004 , 32, S209-13	1.4	37
295	Neutrophil elastase inhibition in acute lung injury: results of the STRIVE study. <i>Critical Care Medicine</i> , 2004 , 32, 1695-702	1.4	229
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