

Massimo Antonelli

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.

377 papers	32,503 citations	79 h-index	176 g-index
419 ext. papers	41,753 ext. citations	9.3 avg, IF	6.71 L-index

#	Paper	IF	Citations
377	A real-time integrated framework to support clinical decision making for covid-19 patients.. <i>Computer Methods and Programs in Biomedicine</i> , 2022 , 217, 106655	6.9	0
376	Hemodynamic response to positive end-expiratory pressure and prone position in COVID-19 ARDS.. <i>Respiratory Physiology and Neurobiology</i> , 2022 , 298, 103844	2.8	1
375	Comparison of the Asleep-Awake-Asleep Technique and Monitored Anesthesia Care During Awake Craniotomy: A Systematic Review and Meta-analysis. <i>Journal of Neurosurgical Anesthesiology</i> , 2022 , 34, e1-e13	3	7
374	Risk Factors for Intra-Abdominal Candidiasis in Intensive Care Units: Results from EUCANDICU Study.. <i>Infectious Diseases and Therapy</i> , 2022 , 11, 827-840	6.2	0
373	Prediction of good neurological outcome in comatose survivors of cardiac arrest: a systematic review.. <i>Intensive Care Medicine</i> , 2022 , 48, 389	14.5	0
372	582: TRANEXAMIC ACID IN GASTROINTESTINAL BLEEDING. <i>Critical Care Medicine</i> , 2022 , 50, 283-283	1.4	0
371	Epidemiology and Age-Related Mortality in Critically Ill Patients With Intra-Abdominal Infection or Sepsis: An International Cohort Study.. <i>International Journal of Antimicrobial Agents</i> , 2022 , 106591	14.3	0
370	High Arterial Lactate Levels after Hepatic Resection Are Associated with Low Oxygen Delivery and Predict Severe Postoperative Complications. <i>Biomedicines</i> , 2022 , 10, 1108	4.8	
369	Treating Anti-Vax Patients, a New Occupational StressorData from the 4th Wave of the Prospective Study of Intensivists and COVID-19 (PSIC). <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 5889	4.6	3
368	Remdesivir plus Dexamethasone in COVID-19: A cohort study of severe patients requiring high flow oxygen therapy or non-invasive ventilation.. <i>PLoS ONE</i> , 2022 , 17, e0267038	3.7	0
367	Level of Diffusion and Training of Lung Ultrasound during the COVID-19 Pandemic - A National Online Italian Survey (ITALUS) from the Lung Ultrasound Working Group of the Italian Society of Anesthesia, Analgesia, Resuscitation, and Intensive Care (SIAARTI). <i>Ultraschall in Der Medizin</i> , 2021 ,	3.8	1
366	Time course of risk factors associated with mortality of 1260 critically ill patients with COVID-19 admitted to 24 Italian intensive care units. <i>Intensive Care Medicine</i> , 2021 , 47, 995-1008	14.5	5
365	High Flow Nasal Oxygen for Severe Hypoxemia: Oxygenation Response and Outcome in COVID-19 Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	2
364	ORal anticoagulants In fraGile patients with percutAneous endoscopic gastrostoMy and atrlal fibrillation: the (ORIGAMI) study. <i>Journal of Cardiovascular Medicine</i> , 2021 , 22, 175-179	1.9	1
363	Noninvasive respiratory support for acute respiratory failure due to COVID-19. <i>Current Opinion in Critical Care</i> , 2021 ,	3.5	2
362	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , 2021 , 49, e1063-e1143	1.4	131
361	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , 2021 , 49, 1974-1982	1.4	31

360	Transfusion strategies in bleeding critically ill adults: a clinical practice guideline from the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2021 , 47, 1368-1392	14.5	9
359	Protective effect of SARS-CoV-2 preventive measures against ESKAPE and Escherichia coli infections. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13687	4.6	5
358	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , 2021 , 47, 1181-1247	14.5	199
357	Effect of influenza vaccine on COVID-19 mortality: a retrospective study. <i>Internal and Emergency Medicine</i> , 2021 , 16, 1849-1855	3.7	12
356	Instrumental dead space in ventilator management. <i>Lancet Respiratory Medicine</i> , 2021 , 9, e22	35.1	2
355	Extracorporeal immune modulation in COVID-19 induced immune dysfunction and secondary infections: the role of oXiris [®] membrane. <i>Minerva Anestesiologica</i> , 2021 , 87, 384-385	1.9	5
354	Effect of Helmet Noninvasive Ventilation vs High-Flow Nasal Oxygen on Days Free of Respiratory Support in Patients With COVID-19 and Moderate to Severe Hypoxemic Respiratory Failure: The HENIVOT Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 1731-1743	27.4	103
353	Predictive Performance of Risk Factors for Multidrug-Resistant Pathogens in Nosocomial Pneumonia. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 807-814	4.7	0
352	Antimicrobial Lessons From a Large Observational Cohort on Intra-abdominal Infections in Intensive Care Units. <i>Drugs</i> , 2021 , 81, 1065-1078	12.1	3
351	Good clinical practice for the use of vasopressor and inotropic drugs in critically ill patients: state-of-the-art and expert consensus. <i>Minerva Anestesiologica</i> , 2021 , 87, 714-732	1.9	1
350	COVID-19 symptoms at hospital admission vary with age and sex: results from the ISARIC prospective multinational observational study. <i>Infection</i> , 2021 , 49, 889-905	5.8	20
349	Diaphragm thickening fraction predicts noninvasive ventilation outcome: a preliminary physiological study. <i>Critical Care</i> , 2021 , 25, 219	10.8	5
348	Comparative bench study evaluation of a modified snorkeling mask used during COVID-19 pandemic and standard interfaces for non-invasive ventilation. <i>Pulmonology</i> , 2021 ,	3.7	2
347	The cuff leak test in critically ill patients: An international survey of intensivists. <i>Acta Anaesthesiologica Scandinavica</i> , 2021 , 65, 1087-1094	1.9	2
346	Staphylococcus aureus ventilator-associated pneumonia in patients with COVID-19: clinical features and potential inference with lung dysbiosis. <i>Critical Care</i> , 2021 , 25, 197	10.8	16
345	Respiratory mechanics heterogeneity is related to inflammatory biomarkers in acute respiratory distress syndrome due to COVID-19. <i>Minerva Anestesiologica</i> , 2021 , 87, 740-744	1.9	1
344	Prolonged Stress Causes Depression in Frontline Workers Facing the COVID-19 Pandemic-A Repeated Cross-Sectional Study in a COVID-19 Hub-Hospital in Central Italy. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	26
343	Lung ultrasound predicts non-invasive ventilation outcome in COVID-19 acute respiratory failure: a pilot study. <i>Minerva Anestesiologica</i> , 2021 , 87, 1006-1016	1.9	10

342	Tidal Volume Lowering by Instrumental Dead Space Reduction in Brain-Injured ARDS Patients: Effects on Respiratory Mechanics, Gas Exchange, and Cerebral Hemodynamics. <i>Neurocritical Care</i> , 2021 , 34, 21-30	3.3	6
341	Acute Respiratory Failure Outcomes in Patients with Hematologic Malignancies and Hematopoietic Cell Transplant: A Secondary Analysis of the EFRAIM Study. <i>Transplantation and Cellular Therapy</i> , 2021 , 27, 78.e1-78.e6		3
340	Finding an Evidence-Based and Clinically Important Role for BAL in the Setting of Suspected SARS-Cov-2 Infection. <i>Chest</i> , 2021 , 159, 1680-1681	5.3	0
339	ICU-acquired pneumonia in immunosuppressed patients with acute hypoxemic respiratory failure: A post-hoc analysis of a prospective international cohort study. <i>Journal of Critical Care</i> , 2021 , 63, 243-245	4	
338	Ventilation and outcomes following robotic-assisted abdominal surgery: an international, multicentre observational study. <i>British Journal of Anaesthesia</i> , 2021 , 126, 533-543	5.4	3
337	Noninvasive ventilation and high-flow oxygen therapy for severe community-acquired pneumonia. <i>Current Opinion in Infectious Diseases</i> , 2021 , 34, 142-150	5.4	1
336	Hemadsorption. <i>Current Opinion in Anaesthesiology</i> , 2021 , 34, 113-118	2.9	3
335	Surviving Sepsis Campaign Guidelines on the Management of Adults With Coronavirus Disease 2019 (COVID-19) in the ICU: First Update. <i>Critical Care Medicine</i> , 2021 , 49, e219-e234	1.4	119
334	Multiple organ failure: incidence and outcomes over time. <i>Minerva Anestesiologica</i> , 2021 , 87, 139-141	1.9	
333	Polymyxin B hemoperfusion in coronavirus disease 2019 patients with endotoxic shock: Case series from EUPHAS2 registry. <i>Artificial Organs</i> , 2021 , 45, E187-E194	2.6	13
332	The Surviving Sepsis Campaign: Research Priorities for Coronavirus Disease 2019 in Critical Illness. <i>Critical Care Medicine</i> , 2021 , 49, 598-622	1.4	16
331	Non-invasive ventilatory support and high-flow nasal oxygen as first-line treatment of acute hypoxemic respiratory failure and ARDS. <i>Intensive Care Medicine</i> , 2021 , 47, 851-866	14.5	16
330	Bacteremia in critically ill immunocompromised patients with acute hypoxic respiratory failure: A post-hoc analysis of a prospective multicenter multinational cohort. <i>Journal of Critical Care</i> , 2021 , 64, 114-119	4	0
329	Dyspnoea and clinical outcome in critically ill patients receiving noninvasive support for COVID-19 respiratory failure: analysis of a randomised clinical trial. <i>ERJ Open Research</i> , 2021 , 7,	3.5	2
328	BMI and pneumonia outcomes in critically ill covid-19 patients: An international multicenter study. <i>Obesity</i> , 2021 , 29, 1477-1486	8	7
327	Hospital-Acquired Infections in Critically Ill Patients With COVID-19. <i>Chest</i> , 2021 , 160, 454-465	5.3	64
326	COVID-19 influences lung microbiota dynamics and favors the emergence of rare infectious diseases: A case report of <i>Hafnia Alvei</i> pneumonia. <i>Journal of Critical Care</i> , 2021 , 64, 173-175	4	6
325	A One-Year Prospective Study of Work-Related Mental Health in the Intensivists of a COVID-19 Hub Hospital. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	19

324	Variations in end-of-life practices in intensive care units worldwide (Ethicus-2): a prospective observational study. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1101-1110	35.1	10
323	Takotsubo Syndrome in Intensive Cardiac Care Unit: Challenges in Diagnosis and Management.. <i>Current Problems in Cardiology</i> , 2021 , 101084	17.1	1
322	Gas conditioning during helmet noninvasive ventilation: effect on comfort, gas exchange, inspiratory effort, transpulmonary pressure and patient-ventilator interaction.. <i>Annals of Intensive Care</i> , 2021 , 11, 184	8.9	2
321	Tracheostomy in the COVID-19 era: global and multidisciplinary guidance. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 717-725	35.1	212
320	Microbiologic surveillance through subglottic secretion cultures during invasive mechanical ventilation: a prospective observational study. <i>Journal of Critical Care</i> , 2020 , 59, 42-48	4	
319	Respiratory Mechanics and Outcomes in Immunocompromised Patients With ARDS: A Secondary Analysis of the EFRAIM Study. <i>Chest</i> , 2020 , 158, 1947-1957	5.3	4
318	Etiologies and Outcomes of Acute Respiratory Failure in Solid Organ Transplant Recipients: Insight Into the EFRAIM Multicenter Cohort. <i>Transplantation Proceedings</i> , 2020 , 52, 2980-2987	1.1	1
317	Baseline Characteristics and Outcomes of 1591 Patients Infected With SARS-CoV-2 Admitted to ICUs of the Lombardy Region, Italy. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1574-1581	27.4	3054
316	<i>Clostridioides difficile</i> (formerly <i>Clostridium difficile</i>) infection in the critically ill: an expert statement. <i>Intensive Care Medicine</i> , 2020 , 46, 215-224	14.5	5
315	Pharmacokinetics of high-dose tigecycline in critically ill patients with severe infections. <i>Annals of Intensive Care</i> , 2020 , 10, 94	8.9	15
314	Use of critical care resources during the first 2 weeks (February 24-March 8, 2020) of the Covid-19 outbreak in Italy. <i>Annals of Intensive Care</i> , 2020 , 10, 133	8.9	17
313	Acute respiratory failure in immunocompromised patients: outcome and clinical features according to neutropenia status. <i>Annals of Intensive Care</i> , 2020 , 10, 146	8.9	3
312	Factors affecting serum lactate in patients with intracranial tumors - A report of our series and review of the literature. <i>Surgical Neurology International</i> , 2020 , 11, 39	1	1
311	Are single-lumen 5Fr and triple-lumen 6Fr PICCs suitable for hemodynamic assessment by trans-pulmonary thermodilution? A pilot study. <i>Annals of Intensive Care</i> , 2020 , 10, 165	8.9	1
310	Physiological Comparison of High-Flow Nasal Cannula and Helmet Noninvasive Ventilation in Acute Hypoxemic Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 303-312	10.2	54
309	Transfusion strategies in non-bleeding critically ill adults: a clinical practice guideline from the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2020 , 46, 673-696	14.5	34
308	Duplex Doppler evidence of high hepatic artery resistive index after liver transplantation: Role of portal hypertension and clinical impact. <i>Digestive and Liver Disease</i> , 2020 , 52, 301-307	3.3	1
307	Reply to Spinelli and Mauri: Lung and Diaphragm Protection during Noninvasive Respiratory Support. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 876-878	10.2	2

306	Sarilumab use in severe SARS-CoV-2 pneumonia. <i>EClinicalMedicine</i> , 2020 , 27, 100553	11.3	47
305	Prognostic factors associated with mortality risk and disease progression in 639 critically ill patients with COVID-19 in Europe: Initial report of the international RISC-19-ICU prospective observational cohort. <i>EClinicalMedicine</i> , 2020 , 25, 100449	11.3	94
304	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. <i>JAMA Internal Medicine</i> , 2020 , 180, 1345-1355	11.5	604
303	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. <i>Intensive Care Medicine</i> , 2020 , 46, 2226-2237	14.5	55
302	Transfusion in critical care: Past, present and future. <i>Transfusion Medicine</i> , 2020 , 30, 418-432	1.3	1
301	Occupational Stress and Mental Health among Anesthetists during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	52
300	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
299	Predicting intensive care unit admission and death for COVID-19 patients in the emergency department using early warning scores. <i>Resuscitation</i> , 2020 , 156, 84-91	4	45
298	Prediction of poor neurological outcome in comatose survivors of cardiac arrest: a systematic review. <i>Intensive Care Medicine</i> , 2020 , 46, 1803-1851	14.5	55
297	High-Flow Nasal Cannula Versus Standard Oxygen Therapy After Extubation in Liver Transplantation: A Matched Controlled Study. <i>Respiratory Care</i> , 2020 , 65, 21-28	2.1	2
296	Patient self-inflicted lung injury: implications for acute hypoxemic respiratory failure and ARDS patients on non-invasive support. <i>Minerva Anestesiologica</i> , 2019 , 85, 1014-1023	1.9	71
295	NIV through the helmet can be used as first-line intervention for early mild and moderate ARDS: an unproven idea thinking out of the box. <i>Critical Care</i> , 2019 , 23, 146	10.8	0
294	Incidence and outcome of invasive candidiasis in intensive care units (ICUs) in Europe: results of the EUCANDICU project. <i>Critical Care</i> , 2019 , 23, 219	10.8	64
293	Diagnosis and outcome of acute respiratory failure in immunocompromised patients after bronchoscopy. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	19
292	Effects of Thyroid Hormone Treatment on Diaphragmatic Efficiency in Mechanically Ventilated Subjects With Nonthyroidal Illness Syndrome. <i>Respiratory Care</i> , 2019 , 64, 1199-1207	2.1	4
291	Influenza and associated co-infections in critically ill immunosuppressed patients. <i>Critical Care</i> , 2019 , 23, 152	10.8	12
290	Early nasal high-flow versus Venturi mask oxygen therapy after lung resection: a randomized trial. <i>Critical Care</i> , 2019 , 23, 68	10.8	13
289	ESICM/ESCMID task force on practical management of invasive candidiasis in critically ill patients. <i>Intensive Care Medicine</i> , 2019 , 45, 789-805	14.5	70

288	Postoperative respiratory failure in liver transplantation: Risk factors and effect on prognosis. <i>PLoS ONE</i> , 2019 , 14, e0211678	3.7	11
287	Functional hemodynamic tests: a systematic review and a metanalysis on the reliability of the end-expiratory occlusion test and of the mini-fluid challenge in predicting fluid responsiveness. <i>Critical Care</i> , 2019 , 23, 264	10.8	21
286	Miliary tuberculosis leading to acute respiratory distress syndrome: Clinical experience in pediatric intensive care. <i>Pediatric Pulmonology</i> , 2019 , 54, 2003-2010	3.5	5
285	Airway closure and fiberoptic evidence of bronchial collapse during the acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2019 , 45, 1838-1839	14.5	4
284	Epidemiology of intra-abdominal infection and sepsis in critically ill patients: "AbSeS", a multinational observational cohort study and ESICM Trials Group Project. <i>Intensive Care Medicine</i> , 2019 , 45, 1703-1717	14.5	40
283	Early coagulation support protocol: A valid approach in real-life management of major trauma patients. Results from two Italian centres. <i>Injury</i> , 2019 , 50, 1671-1677	2.5	6
282	Physiological effects of high-flow oxygen in tracheostomized patients. <i>Annals of Intensive Care</i> , 2019 , 9, 114	8.9	10
281	Shock: Definition and Recognition. <i>Lessons From the ICU</i> , 2019 , 7-20	0.1	1
280	Colistin versus meropenem in the empirical treatment of ventilator-associated pneumonia (Magic Bullet study): an investigator-driven, open-label, randomized, noninferiority controlled trial. <i>Critical Care</i> , 2019 , 23, 383	10.8	33
279	Data on the application of early coagulation support protocol in the management of major trauma patients. <i>Data in Brief</i> , 2019 , 27, 104768	1.2	1
278	Comparisons of two diaphragm ultrasound-teaching programs: a multicenter randomized controlled educational study. <i>Ultrasound Journal</i> , 2019 , 11, 21	4.1	17
277	Awake Fiberoptic Intubation Protocols in the Operating Room for Anticipated Difficult Airway: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Anesthesia and Analgesia</i> , 2019 , 128, 971-980	3.9	31
276	Airway Closure during Surgical Pneumoperitoneum in Obese Patients. <i>Anesthesiology</i> , 2019 , 131, 58-73	4.3	34
275	Are Peripherally Inserted Central Catheters Suitable for Cardiac Output Assessment With Transpulmonary Thermodilution?. <i>Critical Care Medicine</i> , 2019 , 47, 1356-1361	1.4	4
274	Nebulized Amikacin and Fosfomycin for Severe <i>Pseudomonas aeruginosa</i> Pneumonia: An Experimental Study. <i>Critical Care Medicine</i> , 2019 , 47, e470-e477	1.4	7
273	Risk factors for mortality and cost implications of complicated intra-abdominal infections in critically ill patients. <i>Journal of Critical Care</i> , 2019 , 50, 169-176	4	13
272	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
271	Tracheal intubation in critically ill patients: a comprehensive systematic review of randomized trials. <i>Critical Care</i> , 2018 , 22, 6	10.8	37

270	Antimicrobial resistance and antibiotic stewardship programs in the ICU: insistence and persistence in the fight against resistance. A position statement from ESICM/ESCMID/WAAAR round table on multi-drug resistance. <i>Intensive Care Medicine</i> , 2018 , 44, 189-196	14.5	65
269	Continuous Electroencephalography Monitoring in Adults in the Intensive Care Unit. <i>Critical Care</i> , 2018 , 22, 75	10.8	21
268	Noninvasive Options. <i>Critical Care Clinics</i> , 2018 , 34, 395-412	4.5	8
267	Use of evidence-based recommendations in an antibiotic care bundle for the intensive care unit. <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 65-70	14.3	7
266	Surviving Sepsis Campaign: Research Priorities for Sepsis and Septic Shock. <i>Critical Care Medicine</i> , 2018 , 46, 1334-1356	1.4	58
265	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
264	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. <i>Critical Care</i> , 2018 , 22, 157	10.8	49
263	Non-invasive ventilation in cardiogenic pulmonary edema. <i>Annals of Translational Medicine</i> , 2018 , 6, 355	3.2	13
262	Proenkephalin A 119-159 (Penkid) Is an Early Biomarker of Septic Acute Kidney Injury: The Kidney in Sepsis and Septic Shock (Kid-SSS) Study. <i>Kidney International Reports</i> , 2018 , 3, 1424-1433	4.1	29
261	Effect of Targeted Polymyxin B Hemoperfusion on 28-Day Mortality in Patients With Septic Shock and Elevated Endotoxin Level: The EUPHRATES Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 1455-1463	27.4	153
260	Diaphragm myoclonus-induced autotriggering during neurally adjusted ventilatory assist. <i>Intensive Care Medicine</i> , 2018 , 44, 2309-2311	14.5	
259	White paper: statement on conflicts of interest. <i>Intensive Care Medicine</i> , 2018 , 44, 1657-1668	14.5	4
258	Goal-directed hemodynamic management in patients undergoing primary debulking gynaecological surgery: A matched-controlled precision medicine study. <i>Gynecologic Oncology</i> , 2018 , 151, 299-305	4.9	7
257	Patient-ventilator interaction with conventional and automated management of pressure support during difficult weaning from mechanical ventilation. <i>Journal of Critical Care</i> , 2018 , 48, 203-210	4	4
256	Physician-Assisted Suicide and Euthanasia: Emerging Issues From a Global Perspective. <i>Journal of Palliative Care</i> , 2018 , 33, 197-203	1.8	15
255	Surviving sepsis campaign: research priorities for sepsis and septic shock. <i>Intensive Care Medicine</i> , 2018 , 44, 1400-1426	14.5	101
254	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
253	Lice, rodents, and many hopes: a rare disease in a young refugee. <i>Critical Care</i> , 2017 , 21, 81	10.8	4

252	Authors' response: CPR and brain death: confounders, clearance, caution. <i>Intensive Care Medicine</i> , 2017 , 43, 286-287	14.5	
251	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
250	Increased mortality in critically ill patients with mild or moderate hyperbilirubinemia. <i>Journal of Critical Care</i> , 2017 , 40, 31-35	4	8
249	Efficacy of ventilator waveform observation for detection of patient-ventilator asynchrony during NIV: a multicentre study. <i>ERJ Open Research</i> , 2017 , 3,	3.5	25
248	Randomized, multicenter trial of lateral Trendelenburg versus semirecumbent body position for the prevention of ventilator-associated pneumonia. <i>Intensive Care Medicine</i> , 2017 , 43, 1572-1584	14.5	20
247	Acute hypoxemic respiratory failure in immunocompromised patients: the Efrain multinational prospective cohort study. <i>Intensive Care Medicine</i> , 2017 , 43, 1808-1819	14.5	115
246	Predictors of favourable outcome after in-hospital cardiac arrest treated with extracorporeal cardiopulmonary resuscitation: A systematic review and meta-analysis. <i>Resuscitation</i> , 2017 , 121, 62-70	4	76
245	Combined use of serum (1,3)- β -D-glucan and procalcitonin for the early differential diagnosis between candidaemia and bacteraemia in intensive care units. <i>Critical Care</i> , 2017 , 21, 176	10.8	42
244	Double carbapenem as a rescue strategy for the treatment of severe carbapenemase-producing <i>Klebsiella pneumoniae</i> infections: a two-center, matched case-control study. <i>Critical Care</i> , 2017 , 21, 173	10.8	44
243	'I Yesterday, sepsis nowadays: what's changing?. <i>Journal of Thoracic Disease</i> , 2017 , 9, E166-E167	2.6	3
242	Official ERS/ATS clinical practice guidelines: noninvasive ventilation for acute respiratory failure. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	562
241	The Intensive Care Medicine research agenda on critically ill oncology and hematology patients. <i>Intensive Care Medicine</i> , 2017 , 43, 1366-1382	14.5	80
240	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRI project. <i>ERJ Open Research</i> , 2017 , 3,	3.5	15
239	Remifentanyl effects on respiratory drive and timing during pressure support ventilation and neurally adjusted ventilatory assist. <i>Respiratory Physiology and Neurobiology</i> , 2017 , 244, 10-16	2.8	32
238	Hemoglobin concentrations and RBC transfusion thresholds in patients with acute brain injury: an international survey. <i>Critical Care</i> , 2017 , 21, 159	10.8	24
237	Noninvasive Ventilation of Patients with Acute Respiratory Distress Syndrome. Insights from the LUNG SAFE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 67-77	10.2	269
236	Diagnostic Value of Endotracheal Aspirates Sonication on Ventilator-Associated Pneumonia Microbiologic Diagnosis. <i>Microorganisms</i> , 2017 , 5,	4.9	2
235	CO2 driven endotracheal tube cuff control in critically ill patients: A randomized controlled study. <i>PLoS ONE</i> , 2017 , 12, e0175476	3.7	2

234	Hypothermia and kidney: a focus on ischaemia-reperfusion injury. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 241-247	4.3	15
233	Polymyxin-B hemoperfusion in septic patients: analysis of a multicenter registry. <i>Annals of Intensive Care</i> , 2016 , 6, 77	8.9	33
232	Noninvasive Ventilation. <i>Clinics in Chest Medicine</i> , 2016 , 37, 711-721	5.3	30
231	Electrical impedance tomography to monitor lung sampling during broncho-alveolar lavage. <i>Intensive Care Medicine</i> , 2016 , 42, 1088-9	14.5	5
230	Sepsis: older and newer concepts. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 237-40	35.1	34
229	Noninvasive Versus Invasive Ventilation in Patients with Hematological Malignancies 2016 , 547-553		
228	Medical simulation for ICU staff: does it influence safety of care?. <i>Intensive Care Medicine</i> , 2016 , 42, 635	14.5	
227	Clinical impact of pulmonary sampling site in the diagnosis of ventilator-associated pneumonia: A prospective study using bronchoscopic bronchoalveolar lavage. <i>Journal of Critical Care</i> , 2016 , 33, 151-7	4	7
226	Characteristics and risk factors for 28-day mortality of hospital acquired fungemias in ICUs: data from the EURO-BACT study. <i>Critical Care</i> , 2016 , 20, 53	10.8	38
225	Quality of Life and Complications After Percutaneous Tracheostomy 2016 , 131-147		2
224	The impact of extracerebral organ failure on outcome of patients after cardiac arrest: an observational study from the ICON database. <i>Critical Care</i> , 2016 , 20, 368	10.8	27
223	Case Scenario: Perioperative Management of a Young Woman with Fontan Repair for Major Gynecologic Surgery. <i>Anesthesiology</i> , 2016 , 124, 464-70	4.3	5
222	Effects of dexmedetomidine and propofol on patient-ventilator interaction in difficult-to-wean, mechanically ventilated patients: a prospective, open-label, randomised, multicentre study. <i>Critical Care</i> , 2016 , 20, 206	10.8	42
221	Diagnosis and management of invasive candidiasis in the ICU: an updated approach to an old enemy. <i>Critical Care</i> , 2016 , 20, 125	10.8	57
220	Advances in antibiotic therapy in the critically ill. <i>Critical Care</i> , 2016 , 20, 133	10.8	70
219	Adaptive Support Ventilation From Intubation to Extubation: A Word of Caution. <i>Chest</i> , 2016 , 149, 280-153		
218	(1,3)- β -D-Glucan-based antifungal treatment in critically ill adults at high risk of candidaemia: an observational study. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2262-9	5.1	49
217	Noninvasive Ventilation and Outcomes Among Immunocompromised Patients. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1902	27.4	2

216	Effect of Conservative vs Conventional Oxygen Therapy on Mortality Among Patients in an Intensive Care Unit: The Oxygen-ICU Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1583-1589	27.4	326
215	The rate of brain death and organ donation in patients resuscitated from cardiac arrest: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2016 , 42, 1661-1671	14.5	72
214	Predictors of choice of initial antifungal treatment in intraabdominal candidiasis. <i>Clinical Microbiology and Infection</i> , 2016 , 22, 719-24	9.5	5
213	Immunonutrients in critically ill patients: an analysis of the most recent literature. <i>Minerva Anestesiologica</i> , 2016 , 82, 320-31	1.9	10
212	Prognostic value of the reactive oxygen species in severe sepsis and septic shock patients: a pilot study. <i>Minerva Anestesiologica</i> , 2016 , 82, 1306-1313	1.9	10
211	A new and promising tool to evaluate mass and structural changes of skeletal muscle in trauma patients. <i>Intensive Care Medicine</i> , 2015 , 41, 360-1	14.5	1
210	Polymyxin B hemoperfusion in septic shock: just look at the evidence!. <i>Intensive Care Medicine</i> , 2015 , 41, 1731-2	14.5	5
209	Patient-ventilator asynchrony affects pulse pressure variation prediction of fluid responsiveness. <i>Journal of Critical Care</i> , 2015 , 30, 1067-71	4	11
208	A multicenter multinational study of abdominal candidiasis: epidemiology, outcomes and predictors of mortality. <i>Intensive Care Medicine</i> , 2015 , 41, 1601-10	14.5	125
207	Dose of colistin: a work in progress?. <i>Critical Care</i> , 2015 , 19, 65	10.8	2
206	Rapid response systems: are they really effective?. <i>Critical Care</i> , 2015 , 19, 104	10.8	26
205	Renal replacement therapy in acute kidney injury: controversy and consensus. <i>Critical Care</i> , 2015 , 19, 146	10.8	117
204	Safety and efficacy of colistin versus meropenem in the empirical treatment of ventilator-associated pneumonia as part of a macro-project funded by the Seventh Framework Program of the European Commission studying off-patent antibiotics: study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 102	2.8	13
203	Tracheostomy procedures in the intensive care unit: an international survey. <i>Critical Care</i> , 2015 , 19, 291	10.8	91
202	<i>Pseudomonas aeruginosa</i> nosocomial pneumonia: impact of pneumonia classification. <i>Infection Control and Hospital Epidemiology</i> , 2015 , 36, 1190-7	2	29
201	An international multicenter retrospective study of <i>Pseudomonas aeruginosa</i> nosocomial pneumonia: impact of multidrug resistance. <i>Critical Care</i> , 2015 , 19, 219	10.8	146
200	Appropriate Tigecycline Use for Extensively Drug-Resistant Infections: The Standard Dose May Not Be Enough!. <i>Critical Care Medicine</i> , 2015 , 43, e533-4	1.4	1
199	How to Use Colistin in the ICU. <i>Clinical Pulmonary Medicine</i> , 2015 , 22, 141-147	0.3	0

198	Linezolid plasma and intrapulmonary concentrations in critically ill obese patients with ventilator-associated pneumonia: intermittent vs continuous administration. <i>Intensive Care Medicine</i> , 2015 , 41, 103-10	14.5	24
197	Clinical experience of colistin-glycopeptide combination in critically ill patients infected with Gram-negative bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 851-8	5.9	80
196	How to manage aspergillosis in non-neutropenic intensive care unit patients. <i>Critical Care</i> , 2014 , 18, 458	10.8	28
195	High dose tigecycline in critically ill patients with severe infections due to multidrug-resistant bacteria. <i>Critical Care</i> , 2014 , 18, R90	10.8	149
194	Nasal high-flow versus Venturi mask oxygen therapy after extubation. Effects on oxygenation, comfort, and clinical outcome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 282-8	10.2	312
193	Performance of two resin-containing blood culture media in detection of bloodstream infections and in direct matrix-assisted laser desorption ionization-time of flight mass spectrometry (MALDI-TOF MS) broth assays for isolate identification: clinical comparison of the BacT/Alert Plus and BacTec Plus systems. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3553-57	9.7	33
192	Albumin replacement in patients with severe sepsis or septic shock. <i>New England Journal of Medicine</i> , 2014 , 370, 1412-21	59.2	677
191	A multicenter study of septic shock due to candidemia: outcomes and predictors of mortality. <i>Intensive Care Medicine</i> , 2014 , 40, 839-45	14.5	173
190	Response. <i>Chest</i> , 2014 , 145, 927	5.3	
189	Echography in brain imaging in intensive care unit: State of the art. <i>World Journal of Radiology</i> , 2014 , 6, 636-42	2.9	20
188	Consensus on circulatory shock and hemodynamic monitoring. Task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2014 , 40, 1795-815	14.5	852
187	Infections, antibiotic treatment and mortality in patients admitted to ICUs in countries considered to have high levels of antibiotic resistance compared to those with low levels. <i>BMC Infectious Diseases</i> , 2014 , 14, 513	4	12
186	Assessment of the worldwide burden of critical illness: the intensive care over nations (ICON) audit. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 380-6	35.1	566
185	Year in review in Intensive Care Medicine 2012: III. Noninvasive ventilation, monitoring and patient-ventilator interactions, acute respiratory distress syndrome, sedation, paediatrics and miscellanea. <i>Intensive Care Medicine</i> , 2013 , 39, 543-57	14.5	13
184	The use of the Berlin definition for acute respiratory distress syndrome during infancy and early childhood: multicenter evaluation and expert consensus. <i>Intensive Care Medicine</i> , 2013 , 39, 2083-91	14.5	82
183	Therapeutic hypothermia: is it effective for non-VF/VT cardiac arrest?. <i>Critical Care</i> , 2013 , 17, 215	10.8	15
182	Clinical outcomes of <i>Pseudomonas aeruginosa</i> pneumonia in intensive care unit patients. <i>Intensive Care Medicine</i> , 2013 , 39, 682-92	14.5	101
181	Year in review in Intensive Care Medicine 2012. II: Pneumonia and infection, sepsis, coagulation, hemodynamics, cardiovascular and microcirculation, critical care organization, imaging, ethics and legal issues. <i>Intensive Care Medicine</i> , 2013 , 39, 345-64	14.5	8

180	Year in review in Intensive Care Medicine 2012: I. Neurology and neurointensive care, epidemiology and nephrology, biomarkers and inflammation, nutrition, experimentals. <i>Intensive Care Medicine</i> , 2013 , 39, 232-46	14.5	9
179	Risk factors for acute kidney injury in critically ill patients receiving high intravenous doses of colistin methanesulfonate and/or other nephrotoxic antibiotics: a retrospective cohort study. <i>Critical Care</i> , 2013 , 17, R174	10.8	62
178	Effect of aerosolized colistin as adjunctive treatment on the outcomes of microbiologically documented ventilator-associated pneumonia caused by colistin-only susceptible gram-negative bacteria. <i>Chest</i> , 2013 , 144, 1768-1775	5.3	114
177	The role of mannose-binding lectin in severe sepsis and septic shock. <i>Mediators of Inflammation</i> , 2013 , 2013, 625803	4.3	30
176	Noninvasive ventilation: practical advice. <i>Current Opinion in Critical Care</i> , 2013 , 19, 1-8	3.5	24
175	Endotoxin Filtration in Gram-negative Sepsis. <i>Clinical Pulmonary Medicine</i> , 2013 , 20, 137-143	0.3	1
174	A bench study of 2 ventilator circuits during helmet noninvasive ventilation. <i>Respiratory Care</i> , 2013 , 58, 1474-81	2.1	9
173	Validation of a new HPLC-UV method for determination of the antibiotic linezolid in human plasma and in bronchoalveolar lavage. <i>Biomedical Chromatography</i> , 2013 , 27, 1489-96	1.7	19
172	Why should we monitor (1-3)- β -D-glucan levels during invasive candidiasis? Just ask your ophthalmologist!. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 1645-6	9.7	6
171	Racemic ketamine in adult head injury patients: use in endotracheal suctioning. <i>Critical Care</i> , 2013 , 17, R267	10.8	7
170	Clinical and biological role of secretory phospholipase A2 in acute respiratory distress syndrome infants. <i>Critical Care</i> , 2013 , 17, R163	10.8	36
169	Surfactant and varespladib co-administration in stimulated rat alveolar macrophages culture. <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 445-8	2.6	2
168	A meta-analysis of complications and mortality of extracorporeal membrane oxygenation. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2013 , 15, 172-8	2.8	114
167	Year in review in Intensive Care Medicine 2011: I. Nephrology, epidemiology, nutrition and therapeutics, neurology, ethical and legal issues, experimentals. <i>Intensive Care Medicine</i> , 2012 , 38, 192-209	14.5	13
166	Year in review in Intensive Care Medicine 2011. II. Cardiovascular, infections, pneumonia and sepsis, critical care organization and outcome, education, ultrasonography, metabolism and coagulation. <i>Intensive Care Medicine</i> , 2012 , 38, 345-58	14.5	33
165	The Berlin definition of ARDS: an expanded rationale, justification, and supplementary material. <i>Intensive Care Medicine</i> , 2012 , 38, 1573-82	14.5	788
164	Is there still a place for vasopressors in the treatment of cardiac arrest?. <i>Critical Care</i> , 2012 , 16, 213	10.8	4
163	A survey on infection management practices in Italian ICUs. <i>Critical Care</i> , 2012 , 16, R221	10.8	7

162	Accuracy of plethysmographic indices as predictors of fluid responsiveness in mechanically ventilated adults: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2012 , 38, 1429-37	14.5	94
161	Consensus statement of the ESICM task force on colloid volume therapy in critically ill patients: editors' reply to Zacharowski et al. <i>Intensive Care Medicine</i> , 2012 , 38, 1560	14.5	1
160	Noninvasive ventilation after early extubation in patients recovering from hypoxemic acute respiratory failure: a single-centre feasibility study. <i>Intensive Care Medicine</i> , 2012 , 38, 1599-606	14.5	47
159	Characteristics and determinants of outcome of hospital-acquired bloodstream infections in intensive care units: the EUROBACT International Cohort Study. <i>Intensive Care Medicine</i> , 2012 , 38, 1930-45	14.5	226
158	Neurological involvement during legionellosis, look beyond the lung. <i>Journal of Neurology</i> , 2012 , 259, 2243-5	5.5	2
157	Comparison of triple-lumen central venous catheters impregnated with silver nanoparticles (AgTive [®]) vs conventional catheters in intensive care unit patients. <i>Journal of Hospital Infection</i> , 2012 , 82, 101-7	6.9	58
156	Year in review in Intensive Care Medicine 2011: III. ARDS and ECMO, weaning, mechanical ventilation, noninvasive ventilation, pediatrics and miscellanea. <i>Intensive Care Medicine</i> , 2012 , 38, 542-56	14.5	21
155	Severe pneumonia in intensive care: cause, diagnosis, treatment and management: a review of the literature. <i>Current Opinion in Pulmonary Medicine</i> , 2012 , 18, 213-21	3	23
154	Noninvasive ventilation for the immunocompromised patient: always appropriate?. <i>Current Opinion in Critical Care</i> , 2012 , 18, 54-60	3.5	28
153	Usefulness of transcranial echography in patients with decompressive craniectomy: a comparison with computed tomography scan. <i>Critical Care Medicine</i> , 2012 , 40, 1745-52	1.4	32
152	Year in review in Intensive Care Medicine 2010: I. Acute renal failure, outcome, risk assessment and ICU performance, sepsis, neuro intensive care and experimentals. <i>Intensive Care Medicine</i> , 2011 , 37, 19-34	14.5	4
151	Year in review in Intensive Care Medicine 2010: II. Pneumonia and infections, cardiovascular and haemodynamics, organization, education, haematology, nutrition, ethics and miscellanea. <i>Intensive Care Medicine</i> , 2011 , 37, 196-213	14.5	6
150	Year in review in Intensive Care Medicine 2010: III. ARDS and ALI, mechanical ventilation, noninvasive ventilation, weaning, endotracheal intubation, lung ultrasound and paediatrics. <i>Intensive Care Medicine</i> , 2011 , 37, 394-410	14.5	11
149	A physiologic comparison of proportional assist ventilation with load-adjustable gain factors (PAV+) versus pressure support ventilation (PSV). <i>Intensive Care Medicine</i> , 2011 , 37, 1494-500	14.5	41
148	The Italian ECMO network experience during the 2009 influenza A(H1N1) pandemic: preparation for severe respiratory emergency outbreaks. <i>Intensive Care Medicine</i> , 2011 , 37, 1447-57	14.5	259
147	The feasibility and safety of fiberoptic bronchoscopy during noninvasive ventilation in patients with established acute lung injury: another small brick in the wall. <i>Critical Care</i> , 2011 , 15, 191	10.8	2
146	Early diagnosis of candidemia in intensive care unit patients with sepsis: a prospective comparison of (1- β)-D-glucan assay, Candida score, and colonization index. <i>Critical Care</i> , 2011 , 15, R249	10.8	129
145	Diagnosis of invasive aspergillosis by a commercial real-time PCR assay for Aspergillus DNA in bronchoalveolar lavage fluid samples from high-risk patients compared to a galactomannan enzyme immunoassay. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 4273-8	9.7	104

144	Cost-effectiveness analysis of polymyxin-B immobilized fiber column and conventional medical therapy in the management of abdominal septic shock in Italy. <i>Blood Purification</i> , 2011 , 32, 331-40	3.1	16
143	Noninvasive versus invasive ventilation for acute respiratory failure in patients with hematologic malignancies: a 5-year multicenter observational survey. <i>Critical Care Medicine</i> , 2011 , 39, 2232-9	1.4	134
142	Decompressive craniectomy for elderly patients with traumatic brain injury: it's probably not worth the while. <i>Journal of Neurotrauma</i> , 2011 , 28, 2043-8	5.4	37
141	Noninvasive Ventilation to Ensure the Safety of Fiberoptic Bronchoscopy 2011 , 617-622		
140	Reply to Kollef. <i>Clinical Infectious Diseases</i> , 2010 , 50, 618-620	11.6	
139	Early vs late tracheotomy for prevention of pneumonia in mechanically ventilated adult ICU patients: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 1483-9	27.4	318
138	A multicenter, randomized trial of noninvasive ventilation with helium-oxygen mixture in exacerbations of chronic obstructive lung disease. <i>Critical Care Medicine</i> , 2010 , 38, 145-51	1.4	80
137	Endotoxin removal: how far from the evidence? The EUPHAS 2 Project. <i>Contributions To Nephrology</i> , 2010 , 167, 119-125	1.6	16
136	PMX endotoxin removal in the clinical practice: results from the EUPHAS trial. <i>Contributions To Nephrology</i> , 2010 , 167, 83-90	1.6	15
135	Heparin versus prostacyclin in continuous hemodiafiltration for acute renal failure: effects on platelet function in the systemic circulation and across the filter. <i>Thrombosis Research</i> , 2010 , 126, 24-31	8.2	13
134	Consensus document on controversial issues for the treatment of hospital-associated pneumonia. <i>International Journal of Infectious Diseases</i> , 2010 , 14 Suppl 4, S55-65	10.5	5
133	Year in review in Intensive Care Medicine 2009: I. Pneumonia and infections, sepsis, outcome, acute renal failure and acid base, nutrition and glycaemic control. <i>Intensive Care Medicine</i> , 2010 , 36, 196-209	14.5	18
132	Year in review in Intensive Care Medicine 2009: II. Neurology, cardiovascular, experimental, pharmacology and sedation, communication and teaching. <i>Intensive Care Medicine</i> , 2010 , 36, 412-27	14.5	5
131	Year in review in Intensive Care Medicine 2009. Part III: mechanical ventilation, acute lung injury and respiratory distress syndrome, pediatrics, ethics, and miscellanea. <i>Intensive Care Medicine</i> , 2010 , 36, 567-84	14.5	12
130	Influence of ventilator settings on patient-ventilator synchrony during pressure support ventilation with different interfaces. <i>Intensive Care Medicine</i> , 2010 , 36, 1363-70	14.5	38
129	Which factors predict candidate outcome in advanced life support courses? A preliminary observational study. <i>Intensive Care Medicine</i> , 2010 , 36, 1521-5	14.5	7
128	Diagnostic accuracy of passive leg raising for prediction of fluid responsiveness in adults: systematic review and meta-analysis of clinical studies. <i>Intensive Care Medicine</i> , 2010 , 36, 1475-83	14.5	268
127	Ventilator-associated pneumonia: current status and future recommendations. <i>Journal of Clinical Monitoring and Computing</i> , 2010 , 24, 161-8	2	44

126	Are patients brain-dead after successful resuscitation from cardiac arrest suitable as organ donors? A systematic review. <i>Resuscitation</i> , 2010 , 81, 1609-14	4	26
125	Early use of polymyxin B hemoperfusion in abdominal septic shock: the EUPHAS randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 2445-52	27.4	506
124	Antibiotic usage and risk of colonization and infection with antibiotic-resistant bacteria: a hospital population-based study. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4264-9	5.9	102
123	Polymyxin B Hemoperfusion and Mortality in Abdominal Septic ShockReply. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 1969	27.4	1
122	Nonthyroidal illness syndrome and prolonged mechanical ventilation in patients admitted to the ICU. <i>Chest</i> , 2009 , 135, 1448-1454	5.3	57
121	Use of corticosteroids in critically ill septic patients : a review of mechanisms of adrenal insufficiency in sepsis and treatment. <i>Current Drug Targets</i> , 2009 , 10, 887-94	3	17
120	Adequacy of antimicrobial treatment and outcome of Staphylococcus aureus bacteremia in 9 Western European countries. <i>Clinical Infectious Diseases</i> , 2009 , 49, 997-1005	11.6	72
119	Year in review in Intensive Care Medicine, 2008: I. Brain injury and neurology, renal failure and endocrinology, metabolism and nutrition, sepsis, infections and pneumonia. <i>Intensive Care Medicine</i> , 2009 , 35, 30-44	14.5	11
118	Year in review in Intensive Care Medicine, 2008: II. Experimental, acute respiratory failure and ARDS, mechanical ventilation and endotracheal intubation. <i>Intensive Care Medicine</i> , 2009 , 35, 215-31	14.5	13
117	Year in review in Intensive Care Medicine, 2008: III. Paediatrics, ethics, outcome research and critical care organization, sedation, pharmacology and miscellanea. <i>Intensive Care Medicine</i> , 2009 , 35, 405-16	14.5	5
116	Extended drotrecogin alfa (activated) treatment in patients with prolonged septic shock. <i>Intensive Care Medicine</i> , 2009 , 35, 1187-95	14.5	26
115	Comprehensive safety analysis of concomitant drotrecogin alfa (activated) and prophylactic heparin use in patients with severe sepsis. <i>Intensive Care Medicine</i> , 2009 , 35, 1196-203	14.5	12
114	Risk factors and outcome of Acinetobacter baumannii infection in severe trauma patients. <i>Intensive Care Medicine</i> , 2009 , 35, 1964-9	14.5	27
113	Clinical aspects of invasive candidiasis in critically ill patients. <i>Drugs</i> , 2009 , 69 Suppl 1, 21-8	12.1	9
112	Reporting, access, and transparency: better infrastructure of clinical trials. <i>Critical Care Medicine</i> , 2009 , 37, S178-83	1.4	6
111	Treating nonthyroidal illness syndrome in the critically ill patient: still a matter of controversy. <i>Current Drug Targets</i> , 2009 , 10, 778-87	3	16
110	Noninvasive mechanical ventilation during the weaning process: facilitative, curative, or preventive?. <i>Critical Care</i> , 2008 , 12, 136	10.8	17
109	Catastrophic antiphospholipid syndrome presenting with multiorgan failure and gangrenous lesions of the skin. <i>Angiology</i> , 2008 , 59, 517-8	2.1	2

108	Prediction models to identify hospitalized patients at risk of being colonized or infected with multidrug-resistant <i>Acinetobacter baumannii</i> calcoaceticus complex. <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 62, 1130-7	5.1	40
107	Noninvasive Ventilation and Intubation of Hypoxic Patients: ICU versus Operating Room. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 177, 357-358	10.2	1
106	Noninvasive ventilation and intubation of hypoxic patients: ICU versus operating room. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 177, 357-8; autho reply 358	10.2	
105	Blood loss and short-term outcome of infants undergoing brain tumour removal. <i>Journal of Neuro-Oncology</i> , 2008 , 90, 191-200	4.8	14
104	Year in review in Intensive Care Medicine, 2007. I. Experimental studies. Clinical studies: brain injury and neurology, renal failure and endocrinology. <i>Intensive Care Medicine</i> , 2008 , 34, 229-42	14.5	3
103	Year in review in Intensive Care Medicine, 2007. II. Haemodynamics, pneumonia, infections and sepsis, invasive and non-invasive mechanical ventilation, acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2008 , 34, 405-22	14.5	2
102	Comparative evaluation of different helmets on patient-ventilator interaction during noninvasive ventilation. <i>Intensive Care Medicine</i> , 2008 , 34, 1102-8	14.5	18
101	Year in review in Intensive Care Medicine, 2007. III. Ethics and legislation, health services research, pharmacology and toxicology, nutrition and paediatrics. <i>Intensive Care Medicine</i> , 2008 , 34, 598-609	14.5	5
100	Incidence of and mortality due to sepsis, severe sepsis and septic shock in Italian Pediatric Intensive Care Units: a prospective national survey. <i>Intensive Care Medicine</i> , 2008 , 34, 1690-7	14.5	166
99	Noninvasive ventilation in large postoperative flail chest. <i>Pediatric Blood and Cancer</i> , 2008 , 51, 831-3	3	6
98	In-hospital cardiac arrest: incidence, prognosis and possible measures to improve survival. <i>Intensive Care Medicine</i> , 2007 , 33, 237-45	14.5	940
97	Non-invasive ventilation in chronic obstructive pulmonary disease patients: helmet versus facial mask. <i>Intensive Care Medicine</i> , 2007 , 33, 74-81	14.5	99
96	Year in review in Intensive Care Medicine, 2006. I. Experimental studies. Clinical studies: brain injury, renal failure and endocrinology. <i>Intensive Care Medicine</i> , 2007 , 33, 49-57	14.5	9
95	Year in review in Intensive Care Medicine, 2006. II. Infections and sepsis, haemodynamics, elderly, invasive and noninvasive mechanical ventilation, weaning, ARDS. <i>Intensive Care Medicine</i> , 2007 , 33, 214-29	14.5	15
94	Hemodynamic monitoring in shock and implications for management. International Consensus Conference, Paris, France, 27-28 April 2006. <i>Intensive Care Medicine</i> , 2007 , 33, 575-90	14.5	323
93	Year in Review in Intensive Care Medicine, 2006. III. Circulation, ethics, cancer, outcome, education, nutrition, and pediatric and neonatal critical care. <i>Intensive Care Medicine</i> , 2007 , 33, 414-22	14.5	7
92	Noninvasive versus conventional ventilation to treat hypercapnic encephalopathy in chronic obstructive pulmonary disease. <i>Intensive Care Medicine</i> , 2007 , 33, 2101-8	14.5	47
91	Post-injury multiple organ failure and late outcome. Is it just an association?. <i>Critical Care</i> , 2007 , 11, 166	10.8	3

90	Prophylactic heparin in patients with severe sepsis treated with drotrecogin alfa (activated). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 483-90	10.2	138
89	A multiple-center survey on the use in clinical practice of noninvasive ventilation as a first-line intervention for acute respiratory distress syndrome. <i>Critical Care Medicine</i> , 2007 , 35, 18-25	1.4	361
88	Noninvasive positive-pressure ventilation with different interfaces in patients with respiratory failure after abdominal surgery: a matched-control study. <i>Respiratory Care</i> , 2007 , 52, 1463-71	2.1	41
87	Noninvasive ventilation in childhood acute neuromuscular respiratory failure: a pilot study. <i>Respiration</i> , 2006 , 73, 791-8	3.7	56
86	Efficacy and safety of non-invasive ventilation in the treatment of acute cardiogenic pulmonary edema--a systematic review and meta-analysis. <i>Critical Care</i> , 2006 , 10, R69	10.8	151
85	Enoximone in cardiac arrest caused by propranolol: two case reports. <i>Acta Anaesthesiologica Scandinavica</i> , 2006 , 50, 759-61	1.9	8
84	Levels of vancomycin in the cerebral interstitial fluid after severe head injury. <i>Intensive Care Medicine</i> , 2006 , 32, 325-328	14.5	23
83	Year in review in intensive care medicine. 2005. I. Acute respiratory failure and acute lung injury, ventilation, hemodynamics, education, renal failure. <i>Intensive Care Medicine</i> , 2006 , 32, 207-216	14.5	19
82	Year in review in intensive care medicine, 2005. II. Infection and sepsis, ventilator-associated pneumonia, ethics, haematology and haemostasis, ICU organisation and scoring, brain injury. <i>Intensive Care Medicine</i> , 2006 , 32, 380-90	14.5	28
81	Year in review in intensive care medicine, 2005. III. Nutrition, pediatric and neonatal critical care, and experimental. <i>Intensive Care Medicine</i> , 2006 , 32, 490-500	14.5	6
80	Levels of vancomycin in the cerebral interstitial fluid after severe head injury: reply to letter by Magnoni et al.. <i>Intensive Care Medicine</i> , 2006 , 32, 1095-1095	14.5	
79	Systemic inflammatory response and progression to severe sepsis in critically ill infected patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 461-8	10.2	142
78	A chart of failure risk for noninvasive ventilation in patients with COPD exacerbation. <i>European Respiratory Journal</i> , 2005 , 25, 348-55	13.6	232
77	Acute upper airway obstruction caused by <i>Stenotrophomonas maltophilia</i> soft tissue infection. <i>Scandinavian Journal of Infectious Diseases</i> , 2005 , 37, 734-7		4
76	Clinical review: Noninvasive ventilation in the clinical setting--experience from the past 10 years. <i>Critical Care</i> , 2005 , 9, 98-103	10.8	27
75	Percutaneous translaryngeal versus surgical tracheostomy: A randomized trial with 1-yr double-blind follow-up. <i>Critical Care Medicine</i> , 2005 , 33, 1015-20	1.4	117
74	Effects of PEEP on the intracranial system of patients with head injury and subarachnoid hemorrhage: the role of respiratory system compliance. <i>Journal of Trauma</i> , 2005 , 58, 571-6		128
73	Physiologic evaluation of different levels of assistance during noninvasive ventilation delivered through a helmet. <i>Chest</i> , 2005 , 128, 2984-90	5.3	37

72	Haemodynamic effects of mental stress during cardiac arrest simulation testing on advanced life support courses. <i>Resuscitation</i> , 2005 , 66, 39-44	4	18
71	Noninvasive ventilation options in pediatric myasthenia gravis. <i>Paediatric Anaesthesia</i> , 2005 , 15, 699-702	1.8	15
70	Year in review in intensive care medicine, 2004. I. Respiratory failure, infection, and sepsis. <i>Intensive Care Medicine</i> , 2005 , 31, 28-40	14.5	28
69	Year in review in intensive care medicine, 2004. II. Brain injury, hemodynamic monitoring and treatment, pulmonary embolism, gastrointestinal tract, and renal failure. <i>Intensive Care Medicine</i> , 2005 , 31, 177-88	14.5	5
68	Online vs live methods for teaching difficult airway management to anesthesiology residents. <i>Intensive Care Medicine</i> , 2005 , 31, 547-52	14.5	45
67	Year in review in intensive care medicine, 2004. III. Outcome, ICU organisation, scoring, quality of life, ethics, psychological problems and communication in the ICU, immunity and hemodynamics during sepsis, pediatric and neonatal critical care, experimental studies. <i>Intensive Care Medicine</i> , 2005 , 31, 356-72	14.5	16
66	ICU physicians, end-of-life care, and the law: authors' reply. <i>Intensive Care Medicine</i> , 2005 , 31, 1726-1726	14.5	1
65	Sedation in PACU: the role of benzodiazepines. <i>Current Drug Targets</i> , 2005 , 6, 745-8	3	20
64	What Is the Role of Mechanical Ventilation in Pneumonia Pathogenesis and How Can Noninvasive Ventilation Be Used to Prevent Nosocomial Pneumonia. <i>Lung Biology in Health and Disease</i> , 2005 , 39-57		
63	Noninvasive ventilation by helmet or face mask in immunocompromised patients: a case-control study. <i>Chest</i> , 2004 , 126, 1508-15	5.3	90
62	Successful treatment with enoximone for severe poisoning with atenolol and verapamil: a case report. <i>Acta Anaesthesiologica Scandinavica</i> , 2004 , 48, 790-2	1.9	16
61	Sedation with sufentanil in patients receiving pressure support ventilation has no effects on respiration: a pilot study. <i>Canadian Journal of Anaesthesia</i> , 2004 , 51, 494-9	3	29
60	Continuous low-dose diclofenac infusion for fever control in patients with acute neurological lesions. <i>Canadian Journal of Anaesthesia</i> , 2004 , 51, 950-1	3	3
59	Treatment of acute respiratory failure by helmet-delivered non-invasive pressure support ventilation in children with acute leukemia: a pilot study. <i>Intensive Care Medicine</i> , 2004 , 30, 472-6	14.5	65
58	A prospective, blinded evaluation of indexes proposed to predict weaning from mechanical ventilation. <i>Intensive Care Medicine</i> , 2004 , 30, 830-6	14.5	85
57	Challenges in end-of-life care in the ICU. Statement of the 5th International Consensus Conference in Critical Care: Brussels, Belgium, April 2003. <i>Intensive Care Medicine</i> , 2004 , 30, 770-84	14.5	339
56	Noninvasive vs invasive ventilation in COPD patients with severe acute respiratory failure deemed to require ventilatory assistance. <i>Intensive Care Medicine</i> , 2004 , 30, 1303-10	14.5	125
55	Year in review in Intensive Care Medicine-2003. Part 1: Respiratory failure, infection and sepsis. <i>Intensive Care Medicine</i> , 2004 , 30, 1017-31	14.5	6

54	Year in review in intensive care medicine: 2003. II. Brain injury, hemodynamics, gastrointestinal tract, renal failure, metabolism, trauma, and postoperative. <i>Intensive Care Medicine</i> , 2004 , 30, 1266-75	14.5	2
53	Automated external defibrillation by untrained deaf lay rescuers. <i>Resuscitation</i> , 2004 , 63, 43-8	4	3
52	In-hospital cardiac arrest: survival depends mainly on the effectiveness of the emergency response. <i>Resuscitation</i> , 2004 , 62, 291-7	4	155
51	Noninvasive mechanical ventilation as a palliative treatment of acute respiratory failure in patients with end-stage solid cancer. <i>Palliative Medicine</i> , 2004 , 18, 602-10	5.5	79
50	Challenges in end-of-life care in the ICU: statement of the 5th International Consensus Conference in Critical Care: Brussels, Belgium, April 2003: executive summary. <i>Critical Care Medicine</i> , 2004 , 32, 1781-4	14	153
49	Noninvasive positive pressure ventilation using a helmet in patients with acute exacerbation of chronic obstructive pulmonary disease: a feasibility study. <i>Anesthesiology</i> , 2004 , 100, 16-24	4.3	161
48	Non-invasive ventilation delivered by conventional interfaces and helmet in the emergency department. <i>European Journal of Emergency Medicine</i> , 2003 , 10, 79-86	2.3	22
47	Fiberoptic bronchoscopy during noninvasive positive pressure ventilation delivered by helmet. <i>Intensive Care Medicine</i> , 2003 , 29, 126-9	14.5	71
46	Effects of non-invasive ventilation on middle ear function in healthy volunteers. <i>Intensive Care Medicine</i> , 2003 , 29, 611-4	14.5	12
45	Acute respiratory failure after a tiger mosquito bite: a case report. <i>Intensive Care Medicine</i> , 2003 , 29, 1026-1027	14.5	
44	Noninvasive positive pressure ventilation delivered by helmet vs. standard face mask. <i>Intensive Care Medicine</i> , 2003 , 29, 1671-9	14.5	87
43	Unusual central venous catheter malposition into the left internal mammary vein: a case report. <i>Intensive Care Medicine</i> , 2003 , 29, 2338-2339	14.5	15
42	Alfentanil does not increase resistance of the respiratory system in ASA I patients ventilated mechanically during general anesthesia. <i>Canadian Journal of Anaesthesia</i> , 2002 , 49, 718-23	3	8
41	A low-dose remifentanyl infusion is well tolerated for sedation in mechanically ventilated, critically-ill patients. <i>Canadian Journal of Anaesthesia</i> , 2002 , 49, 1088-94	3	45
40	Evaluation of patient skin breakdown and comfort with a new face mask for non-invasive ventilation: a multi-center study. <i>Intensive Care Medicine</i> , 2002 , 28, 278-84	14.5	115
39	Effects of low-dose alfentanil administration on central respiratory drive and respiratory pattern in spontaneously breathing ASA 1 patients. <i>Anaesthesia</i> , 2002 , 57, 540-3	6.6	10
38	Effects of acid-base abnormalities on blood capacity of transporting CO(2): adverse effect of metabolic acidosis. <i>Intensive Care Medicine</i> , 2002 , 28, 609-15	14.5	8
37	Noninvasive vs. conventional mechanical ventilation in patients with chronic obstructive pulmonary disease after failure of medical treatment in the ward: a randomized trial. <i>Intensive Care Medicine</i> , 2002 , 28, 1701-7	14.5	247

36	The epidemiology of acute respiratory failure in critically ill patients(*). <i>Chest</i> , 2002 , 121, 1602-9	5.3	157
35	Noninvasive positive-pressure ventilation vs. conventional oxygen supplementation in hypoxemic patients undergoing diagnostic bronchoscopy. <i>Chest</i> , 2002 , 121, 1149-54	5.3	127
34	New treatment of acute hypoxemic respiratory failure: noninvasive pressure support ventilation delivered by helmet--a pilot controlled trial. <i>Critical Care Medicine</i> , 2002 , 30, 602-8	1.4	251
33	Noninvasive mechanical ventilation in acute hypoxaemic respiratory failure. <i>European Respiratory Journal</i> , 2001 , 18, 209-20	13.6	23
32	Predictors of failure of noninvasive positive pressure ventilation in patients with acute hypoxemic respiratory failure: a multi-center study. <i>Intensive Care Medicine</i> , 2001 , 27, 1718-28	14.5	503
31	Non-invasive pressure support ventilation in patients with acute respiratory failure after bilateral lung transplantation. <i>Intensive Care Medicine</i> , 2001 , 27, 1622-6	14.5	60
30	Noninvasive Positive-Pressure Ventilation in Acute Respiratory Failure Not Related to Chronic Obstructive Pulmonary Disease. <i>Lung Biology in Health and Disease</i> , 2001 , 451-497		1
29	Severe Community Acquired Pneumonia: Management of Respiratory Failure. <i>Perspectives on Critical Care Infectious Diseases</i> , 2001 , 19-25		
28	Noninvasive ventilation in intensive care unit patients. <i>Current Opinion in Critical Care</i> , 2000 , 6, 11-16	3.5	11
27	Acute renal failure in the ICU: risk factors and outcome evaluated by the SOFA score. <i>Intensive Care Medicine</i> , 2000 , 26, 915-21	14.5	1084
26	Treatment of acute hypoxemic nonhypercapnic respiratory insufficiency with continuous positive airway pressure delivered by a face mask: A randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2000 , 284, 2352-60	27.4	310
25	Noninvasive ventilation for treatment of acute respiratory failure in patients undergoing solid organ transplantation: a randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2000 , 283, 235-41	27.4	466
24	Noninvasive positive pressure ventilation as treatment for acute respiratory failure in critically ill patients. <i>Critical Care</i> , 2000 , 4, 15-22	10.8	11
23	Sepsis and septic shock: pro-inflammatory or anti-inflammatory state?. <i>Journal of Chemotherapy</i> , 1999 , 11, 536-40	2.3	28
22	Application of SOFA score to trauma patients. Sequential Organ Failure Assessment. <i>Intensive Care Medicine</i> , 1999 , 25, 389-94	14.5	154
21	The use of maximum SOFA score to quantify organ dysfunction/failure in intensive care. Results of a prospective, multicentre study. Working Group on Sepsis related Problems of the ESICM. <i>Intensive Care Medicine</i> , 1999 , 25, 686-96	14.5	612
20	Risk factors for acute renal failure in trauma patients. <i>Intensive Care Medicine</i> , 1998 , 24, 808-14	14.5	116
19	A comparison of noninvasive positive-pressure ventilation and conventional mechanical ventilation in patients with acute respiratory failure. <i>New England Journal of Medicine</i> , 1998 , 339, 429-35	59.2	720

18	High-dose intranasal snorted heroin: a new cause of pancreatitis. <i>Pancreas</i> , 1998 , 17, 213-5	2.6	5
17	Exogenous reactive oxygen species deplete the isolated rat heart of antioxidants. <i>Free Radical Biology and Medicine</i> , 1997 , 22, 85-92	7.8	32
16	Respiratory system mechanics in the early phase of acute respiratory failure due to severe kyphoscoliosis. <i>Intensive Care Medicine</i> , 1997 , 23, 539-44	14.5	25
15	Noninvasive positive-pressure ventilation via face mask during bronchoscopy with BAL in high-risk hypoxemic patients. <i>Chest</i> , 1996 , 110, 724-8	5.3	121
14	Paralysis has no effect on chest wall and respiratory system mechanics of mechanically ventilated, sedated patients. <i>Intensive Care Medicine</i> , 1995 , 21, 808-12	14.5	34
13	Risk factors for early onset pneumonia in trauma patients. <i>Chest</i> , 1994 , 105, 224-8	5.3	166
12	A new device to remove obstruction from endotracheal tubes during mechanical ventilation in critically ill patients. <i>Intensive Care Medicine</i> , 1994 , 20, 573-6	14.5	12
11	Evaluation of respiratory system resistance in mechanically ventilated patients: the role of the endotracheal tube. <i>Intensive Care Medicine</i> , 1994 , 20, 421-4	14.5	28
10	Early prediction of successful weaning during pressure support ventilation in chronic obstructive pulmonary disease patients. <i>Critical Care Medicine</i> , 1992 , 20, 366-71	1.4	51
9	Tumor necrosis factor in serum and in bronchoalveolar lavage of patients at risk for the adult respiratory distress syndrome. <i>Journal of Critical Care</i> , 1992 , 7, 183-188	4	15
8	A fibre optics system for the evaluation of airway pressure in mechanically ventilated patients. <i>Intensive Care Medicine</i> , 1992 , 18, 405-9	14.5	15
7	Leukotrienes and ARDS. <i>Intensive Care Medicine</i> , 1991 , 17, 65-6	14.5	1
6	Closure of a tracheoesophageal fistula by bronchoscopic application of fibrin glue and decontamination of the oral cavity. <i>Chest</i> , 1991 , 100, 578-9	5.3	35
5	Effects of the heat-moisture exchangers on dynamic hyperinflation of mechanically ventilated COPD patients. <i>Intensive Care Medicine</i> , 1990 , 16, 441-3	14.5	37
4	Differential evaluation of bronchoalveolar lavage cells and leukotrienes in unilateral acute lung injury and ARDS patients. <i>Intensive Care Medicine</i> , 1989 , 15, 439-45	14.5	15
3	Detection of leukotrienes B ₄ , C ₄ and of their isomers in arterial, mixed venous blood and bronchoalveolar lavage fluid from ARDS patients. <i>Intensive Care Medicine</i> , 1989 , 15, 296-301	14.5	43
2	High frequency jet ventilation (HFJV) has no better haemodynamic tolerance than controlled mechanical ventilation (CMV) in cardiogenic shock. <i>Intensive Care Medicine</i> , 1988 , 14, 359-63	14.5	6
1	Clinical use of differential continuous positive airway pressure in the treatment of unilateral acute lung injury. <i>Intensive Care Medicine</i> , 1987 , 13, 416-8	14.5	7

