

# Massimo Antonelli

## List of Publications by Citations

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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	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 304-377	14.5	3178
376	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> , <b>2020</b> , 323, 1574-1581	27.4	3054
375	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 486-552	1.4	1683
374	Acute renal failure in the ICU: risk factors and outcome evaluated by the SOFA score. <i>Intensive Care Medicine</i> , <b>2000</b> , 26, 915-21	14.5	1084
373	In-hospital cardiac arrest: incidence, prognosis and possible measures to improve survival. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 237-45	14.5	940
372	Consensus on circulatory shock and hemodynamic monitoring. Task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1795-815	14.5	852
371	The Berlin definition of ARDS: an expanded rationale, justification, and supplementary material. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1573-82	14.5	788
370	A comparison of noninvasive positive-pressure ventilation and conventional mechanical ventilation in patients with acute respiratory failure. <i>New England Journal of Medicine</i> , <b>1998</b> , 339, 429-35	59.2	720
369	Albumin replacement in patients with severe sepsis or septic shock. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1412-21	59.2	677
368	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> , <b>1999</b> , 25, 686-96	14.5	612
367	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. <i>JAMA Internal Medicine</i> , <b>2020</b> , 180, 1345-1355	11.5	604
366	Assessment of the worldwide burden of critical illness: the intensive care over nations (ICON) audit. <i>Lancet Respiratory Medicine</i> , <b>2014</b> , 2, 380-6	35.1	566
365	Official ERS/ATS clinical practice guidelines: noninvasive ventilation for acute respiratory failure. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	562
364	Early use of polymyxin B hemoperfusion in abdominal septic shock: the EUPHAS randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2009</b> , 301, 2445-52	27.4	506
363	Predictors of failure of noninvasive positive pressure ventilation in patients with acute hypoxemic respiratory failure: a multi-center study. <i>Intensive Care Medicine</i> , <b>2001</b> , 27, 1718-28	14.5	503
362	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> , <b>2000</b> , 283, 235-41	27.4	466
361	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> , <b>2007</b> , 35, 18-25	1.4	361

360	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> , <b>2004</b> , 30, 770-84	14.5	339
359	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> , <b>2016</b> , 316, 1583-1589	27.4	326
358	Hemodynamic monitoring in shock and implications for management. International Consensus Conference, Paris, France, 27-28 April 2006. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 575-90	14.5	323
357	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> , <b>2010</b> , 303, 1483-9	27.4	318
356	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> , <b>2014</b> , 190, 282-8	10.2	312
355	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> , <b>2000</b> , 284, 2352-60	27.4	310
354	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 1201-1208	35.1	293
353	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> , <b>2017</b> , 195, 67-77	10.2	269
352	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> , <b>2010</b> , 36, 1475-83	14.5	268
351	The Italian ECMO network experience during the 2009 influenza A(H1N1) pandemic: preparation for severe respiratory emergency outbreaks. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1447-57	14.5	259
350	New treatment of acute hypoxemic respiratory failure: noninvasive pressure support ventilation delivered by helmet--a pilot controlled trial. <i>Critical Care Medicine</i> , <b>2002</b> , 30, 602-8	1.4	251
349	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> , <b>2002</b> , 28, 1701-7	14.5	247
348	A chart of failure risk for noninvasive ventilation in patients with COPD exacerbation. <i>European Respiratory Journal</i> , <b>2005</b> , 25, 348-55	13.6	232
347	Characteristics and determinants of outcome of hospital-acquired bloodstream infections in intensive care units: the EURO-BACT International Cohort Study. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1930-45	14.5	226
346	Tracheostomy in the COVID-19 era: global and multidisciplinary guidance. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 717-725	35.1	212
345	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1181-1247	14.5	199
344	A multicenter study of septic shock due to candidemia: outcomes and predictors of mortality. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 839-45	14.5	173
343	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> , <b>2008</b> , 34, 1690-7	14.5	166

342	Risk factors for early onset pneumonia in trauma patients. <i>Chest</i> , <b>1994</b> , 105, 224-8	5.3	166
341	Noninvasive positive pressure ventilation using a helmet in patients with acute exacerbation of chronic obstructive pulmonary disease: a feasibility study. <i>Anesthesiology</i> , <b>2004</b> , 100, 16-24	4.3	161
340	The epidemiology of acute respiratory failure in critically ill patients(*). <i>Chest</i> , <b>2002</b> , 121, 1602-9	5.3	157
339	In-hospital cardiac arrest: survival depends mainly on the effectiveness of the emergency response. <i>Resuscitation</i> , <b>2004</b> , 62, 291-7	4	155
338	Application of SOFA score to trauma patients. Sequential Organ Failure Assessment. <i>Intensive Care Medicine</i> , <b>1999</b> , 25, 389-94	14.5	154
337	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> , <b>2004</b> , 32, 1781-4	1.4	153
336	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> , <b>2018</b> , 320, 1455-1463	27.4	153
335	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> , <b>2006</b> , 10, R69	10.8	151
334	High dose tigecycline in critically ill patients with severe infections due to multidrug-resistant bacteria. <i>Critical Care</i> , <b>2014</b> , 18, R90	10.8	149
333	An international multicenter retrospective study of <i>Pseudomonas aeruginosa</i> nosocomial pneumonia: impact of multidrug resistance. <i>Critical Care</i> , <b>2015</b> , 19, 219	10.8	146
332	Systemic inflammatory response and progression to severe sepsis in critically ill infected patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 171, 461-8	10.2	142
331	Prophylactic heparin in patients with severe sepsis treated with drotrecogin alfa (activated). <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 483-90	10.2	138
330	Noninvasive versus invasive ventilation for acute respiratory failure in patients with hematologic malignancies: a 5-year multicenter observational survey. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 2232-9	1.4	134
329	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e1063-e1143	1.4	131
328	Early diagnosis of candidemia in intensive care unit patients with sepsis: a prospective comparison of (1- $\beta$ )-D-glucan assay, Candida score, and colonization index. <i>Critical Care</i> , <b>2011</b> , 15, R249	10.8	129
327	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> , <b>2005</b> , 58, 571-6		128
326	Noninvasive positive-pressure ventilation vs. conventional oxygen supplementation in hypoxemic patients undergoing diagnostic bronchoscopy. <i>Chest</i> , <b>2002</b> , 121, 1149-54	5.3	127
325	A multicenter multinational study of abdominal candidiasis: epidemiology, outcomes and predictors of mortality. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1601-10	14.5	125

324	Noninvasive vs invasive ventilation in COPD patients with severe acute respiratory failure deemed to require ventilatory assistance. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 1303-10	14.5	125
323	Noninvasive positive-pressure ventilation via face mask during bronchoscopy with BAL in high-risk hypoxemic patients. <i>Chest</i> , <b>1996</b> , 110, 724-8	5.3	121
322	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> , <b>2021</b> , 49, e219-e234	1.4	119
321	Renal replacement therapy in acute kidney injury: controversy and consensus. <i>Critical Care</i> , <b>2015</b> , 19, 146	10.8	117
320	Percutaneous translaryngeal versus surgical tracheostomy: A randomized trial with 1-yr double-blind follow-up. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 1015-20	1.4	117
319	Risk factors for acute renal failure in trauma patients. <i>Intensive Care Medicine</i> , <b>1998</b> , 24, 808-14	14.5	116
318	Acute hypoxemic respiratory failure in immunocompromised patients: the Efraim multinational prospective cohort study. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1808-1819	14.5	115
317	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> , <b>2002</b> , 28, 278-84	14.5	115
316	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> , <b>2013</b> , 144, 1768-1775	5.3	114
315	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> , <b>2013</b> , 15, 172-8	2.8	114
314	Diagnosis of invasive aspergillosis by a commercial real-time PCR assay for <i>Aspergillus</i> DNA in bronchoalveolar lavage fluid samples from high-risk patients compared to a galactomannan enzyme immunoassay. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 4273-8	9.7	104
313	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> , <b>2021</b> , 325, 1731-1743	27.4	103
312	Antibiotic usage and risk of colonization and infection with antibiotic-resistant bacteria: a hospital population-based study. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 4264-9	5.9	102
311	Clinical outcomes of <i>Pseudomonas aeruginosa</i> pneumonia in intensive care unit patients. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 682-92	14.5	101
310	Surviving sepsis campaign: research priorities for sepsis and septic shock. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1400-1426	14.5	101
309	Non-invasive ventilation in chronic obstructive pulmonary disease patients: helmet versus facial mask. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 74-81	14.5	99
308	Accuracy of plethysmographic indices as predictors of fluid responsiveness in mechanically ventilated adults: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1429-37	14.5	94
307	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> , <b>2020</b> , 25, 100449	11.3	94

306	Tracheostomy procedures in the intensive care unit: an international survey. <i>Critical Care</i> , <b>2015</b> , 19, 291	10.8	91
305	Noninvasive ventilation by helmet or face mask in immunocompromised patients: a case-control study. <i>Chest</i> , <b>2004</b> , 126, 1508-15	5.3	90
304	Noninvasive positive pressure ventilation delivered by helmet vs. standard face mask. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 1671-9	14.5	87
303	A prospective, blinded evaluation of indexes proposed to predict weaning from mechanical ventilation. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 830-6	14.5	85
302	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> , <b>2013</b> , 39, 2083-91	14.5	82
301	Clinical experience of colistin-glycopeptide combination in critically ill patients infected with Gram-negative bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 851-8	5.9	80
300	The Intensive Care Medicine research agenda on critically ill oncology and hematology patients. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1366-1382	14.5	80
299	A multicenter, randomized trial of noninvasive ventilation with helium-oxygen mixture in exacerbations of chronic obstructive lung disease. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 145-51	1.4	80
298	Noninvasive mechanical ventilation as a palliative treatment of acute respiratory failure in patients with end-stage solid cancer. <i>Palliative Medicine</i> , <b>2004</b> , 18, 602-10	5.5	79
297	Predictors of favourable outcome after in-hospital cardiac arrest treated with extracorporeal cardiopulmonary resuscitation: A systematic review and meta-analysis. <i>Resuscitation</i> , <b>2017</b> , 121, 62-70	4	76
296	Adequacy of antimicrobial treatment and outcome of Staphylococcus aureus bacteremia in 9 Western European countries. <i>Clinical Infectious Diseases</i> , <b>2009</b> , 49, 997-1005	11.6	72
295	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> , <b>2016</b> , 42, 1661-1671	14.5	72
294	Patient self-inflicted lung injury: implications for acute hypoxemic respiratory failure and ARDS patients on non-invasive support. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 1014-1023	1.9	71
293	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> , <b>2018</b> , 22, 188	10.8	71
292	Fiberoptic bronchoscopy during noninvasive positive pressure ventilation delivered by helmet. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 126-9	14.5	71
291	ESICM/ESCMID task force on practical management of invasive candidiasis in critically ill patients. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 789-805	14.5	70
290	Advances in antibiotic therapy in the critically ill. <i>Critical Care</i> , <b>2016</b> , 20, 133	10.8	70
289	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> , <b>2018</b> , 44, 189-196	14.5	65



288	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> , <b>2004</b> , 30, 472-6	14.5	65
287	Incidence and outcome of invasive candidiasis in intensive care units (ICUs) in Europe: results of the EUCANDICU project. <i>Critical Care</i> , <b>2019</b> , 23, 219	10.8	64
286	Hospital-Acquired Infections in Critically Ill Patients With COVID-19. <i>Chest</i> , <b>2021</b> , 160, 454-465	5.3	64
285	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> , <b>2013</b> , 17, R174	10.8	62
284	Non-invasive pressure support ventilation in patients with acute respiratory failure after bilateral lung transplantation. <i>Intensive Care Medicine</i> , <b>2001</b> , 27, 1622-6	14.5	60
283	Surviving Sepsis Campaign: Research Priorities for Sepsis and Septic Shock. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 1334-1356	1.4	58
282	Comparison of triple-lumen central venous catheters impregnated with silver nanoparticles (AgTive <sup>®</sup> ) vs conventional catheters in intensive care unit patients. <i>Journal of Hospital Infection</i> , <b>2012</b> , 82, 101-7	6.9	58
281	Nonthyroidal illness syndrome and prolonged mechanical ventilation in patients admitted to the ICU. <i>Chest</i> , <b>2009</b> , 135, 1448-1454	5.3	57
280	Diagnosis and management of invasive candidiasis in the ICU: an updated approach to an old enemy. <i>Critical Care</i> , <b>2016</b> , 20, 125	10.8	57
279	Noninvasive ventilation in childhood acute neuromuscular respiratory failure: a pilot study. <i>Respiration</i> , <b>2006</b> , 73, 791-8	3.7	56
278	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2226-2237	14.5	55
277	Prediction of poor neurological outcome in comatose survivors of cardiac arrest: a systematic review. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1803-1851	14.5	55
276	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> , <b>2020</b> , 201, 303-312	10.2	54
275	Occupational Stress and Mental Health among Anesthetists during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	52
274	Early prediction of successful weaning during pressure support ventilation in chronic obstructive pulmonary disease patients. <i>Critical Care Medicine</i> , <b>1992</b> , 20, 366-71	1.4	51
273	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. <i>Critical Care</i> , <b>2018</b> , 22, 157	10.8	49
272	(1,3)- $\beta$ -Glucan-based antifungal treatment in critically ill adults at high risk of candidaemia: an observational study. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 2262-9	5.1	49
271	Noninvasive ventilation after early extubation in patients recovering from hypoxemic acute respiratory failure: a single-centre feasibility study. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1599-606	14.5	47

270	Noninvasive versus conventional ventilation to treat hypercapnic encephalopathy in chronic obstructive pulmonary disease. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 2101-8	14.5	47
269	Sarilumab use in severe SARS-CoV-2 pneumonia. <i>EClinicalMedicine</i> , <b>2020</b> , 27, 100553	11.3	47
268	A low-dose remifentanyl infusion is well tolerated for sedation in mechanically ventilated, critically-ill patients. <i>Canadian Journal of Anaesthesia</i> , <b>2002</b> , 49, 1088-94	3	45
267	Online vs live methods for teaching difficult airway management to anesthesiology residents. <i>Intensive Care Medicine</i> , <b>2005</b> , 31, 547-52	14.5	45
266	Predicting intensive care unit admission and death for COVID-19 patients in the emergency department using early warning scores. <i>Resuscitation</i> , <b>2020</b> , 156, 84-91	4	45
265	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> , <b>2017</b> , 21, 173	10.8	44
264	Ventilator-associated pneumonia: current status and future recommendations. <i>Journal of Clinical Monitoring and Computing</i> , <b>2010</b> , 24, 161-8	2	44
263	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> , <b>2019</b> , 45, 21-32	14.5	44
262	Detection of leukotrienes B <sub>4</sub> , C <sub>4</sub> and of their isomers in arterial, mixed venous blood and bronchoalveolar lavage fluid from ARDS patients. <i>Intensive Care Medicine</i> , <b>1989</b> , 15, 296-301	14.5	43
261	Combined use of serum (1,3)- $\beta$ -D-glucan and procalcitonin for the early differential diagnosis between candidaemia and bacteraemia in intensive care units. <i>Critical Care</i> , <b>2017</b> , 21, 176	10.8	42
260	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> , <b>2016</b> , 20, 206	10.8	42
259	A physiologic comparison of proportional assist ventilation with load-adjustable gain factors (PAV+) versus pressure support ventilation (PSV). <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1494-500	14.5	41
258	Noninvasive positive-pressure ventilation with different interfaces in patients with respiratory failure after abdominal surgery: a matched-control study. <i>Respiratory Care</i> , <b>2007</b> , 52, 1463-71	2.1	41
257	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> , <b>2019</b> , 45, 1703-1717	14.5	40
256	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> , <b>2008</b> , 62, 1130-7	5.1	40
255	Characteristics and risk factors for 28-day mortality of hospital acquired fungemias in ICUs: data from the EUROACT study. <i>Critical Care</i> , <b>2016</b> , 20, 53	10.8	38
254	Influence of ventilator settings on patient-ventilator synchrony during pressure support ventilation with different interfaces. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 1363-70	14.5	38
253	Tracheal intubation in critically ill patients: a comprehensive systematic review of randomized trials. <i>Critical Care</i> , <b>2018</b> , 22, 6	10.8	37



252	Decompressive craniectomy for elderly patients with traumatic brain injury: it's probably not worth the while. <i>Journal of Neurotrauma</i> , <b>2011</b> , 28, 2043-8	5.4	37
251	Physiologic evaluation of different levels of assistance during noninvasive ventilation delivered through a helmet. <i>Chest</i> , <b>2005</b> , 128, 2984-90	5.3	37
250	Effects of the heat-moisture exchangers on dynamic hyperinflation of mechanically ventilated COPD patients. <i>Intensive Care Medicine</i> , <b>1990</b> , 16, 441-3	14.5	37
249	Clinical and biological role of secretory phospholipase A2 in acute respiratory distress syndrome infants. <i>Critical Care</i> , <b>2013</b> , 17, R163	10.8	36
248	Closure of a tracheoesophageal fistula by bronchoscopic application of fibrin glue and decontamination of the oral cavity. <i>Chest</i> , <b>1991</b> , 100, 578-9	5.3	35
247	Sepsis: older and newer concepts. <i>Lancet Respiratory Medicine</i> , <b>2016</b> , 4, 237-40	35.1	34
246	Paralysis has no effect on chest wall and respiratory system mechanics of mechanically ventilated, sedated patients. <i>Intensive Care Medicine</i> , <b>1995</b> , 21, 808-12	14.5	34
245	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> , <b>2020</b> , 46, 673-696	14.5	34
244	Airway Closure during Surgical Pneumoperitoneum in Obese Patients. <i>Anesthesiology</i> , <b>2019</b> , 131, 58-73	4.3	34
243	Polymyxin-B hemoperfusion in septic patients: analysis of a multicenter registry. <i>Annals of Intensive Care</i> , <b>2016</b> , 6, 77	8.9	33
242	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> , <b>2014</b> , 52, 3558-67	9.7	33
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239	Remifentanyl effects on respiratory drive and timing during pressure support ventilation and neurally adjusted ventilatory assist. <i>Respiratory Physiology and Neurobiology</i> , <b>2017</b> , 244, 10-16	2.8	32
238	Usefulness of transcranial echography in patients with decompressive craniectomy: a comparison with computed tomography scan. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 1745-52	1.4	32
237	Exogenous reactive oxygen species deplete the isolated rat heart of antioxidants. <i>Free Radical Biology and Medicine</i> , <b>1997</b> , 22, 85-92	7.8	32
236	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 1974-1982	1.4	31
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231	Sedation with sufentanil in patients receiving pressure support ventilation has no effects on respiration: a pilot study. <i>Canadian Journal of Anaesthesia</i> , <b>2004</b> , 51, 494-9	3	29
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222	Clinical review: Noninvasive ventilation in the clinical setting--experience from the past 10 years. <i>Critical Care</i> , <b>2005</b> , 9, 98-103	10.8	27
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218	Are patients brain-dead after successful resuscitation from cardiac arrest suitable as organ donors? A systematic review. <i>Resuscitation</i> , <b>2010</b> , 81, 1609-14	4	26
217	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> , <b>2021</b> , 18,	4.6	26

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194	Haemodynamic effects of mental stress during cardiac arrest simulation testing on advanced life support courses. <i>Resuscitation</i> , <b>2005</b> , 66, 39-44	4	18
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183	The Surviving Sepsis Campaign: Research Priorities for Coronavirus Disease 2019 in Critical Illness. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 598-622	1.4	16
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176	Noninvasive ventilation options in pediatric myasthenia gravis. <i>Paediatric Anaesthesia</i> , <b>2005</b> , 15, 699-702	1.8	15
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174	A fibre optics system for the evaluation of airway pressure in mechanically ventilated patients. <i>Intensive Care Medicine</i> , <b>1992</b> , 18, 405-9	14.5	15
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172	Pharmacokinetics of high-dose tigecycline in critically ill patients with severe infections. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 94	8.9	15
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168	Early nasal high-flow versus Venturi mask oxygen therapy after lung resection: a randomized trial. <i>Critical Care</i> , <b>2019</b> , 23, 68	10.8	13
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160	Non-invasive ventilation in cardiogenic pulmonary edema. <i>Annals of Translational Medicine</i> , <b>2018</b> , 6, 355	3.2	13
159	Influenza and associated co-infections in critically ill immunosuppressed patients. <i>Critical Care</i> , <b>2019</b> , 23, 152	10.8	12
158	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> , <b>2014</b> , 14, 513	4	12
157	Comprehensive safety analysis of concomitant drotrecogin alfa (activated) and prophylactic heparin use in patients with severe sepsis. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 1196-203	14.5	12
156	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> , <b>2010</b> , 36, 567-84	14.5	12
155	Effects of non-invasive ventilation on middle ear function in healthy volunteers. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 611-4	14.5	12
154	A new device to remove obstruction from endotracheal tubes during mechanical ventilation in critically ill patients. <i>Intensive Care Medicine</i> , <b>1994</b> , 20, 573-6	14.5	12
153	Effect of influenza vaccine on COVID-19 mortality: a retrospective study. <i>Internal and Emergency Medicine</i> , <b>2021</b> , 16, 1849-1855	3.7	12
152	Postoperative respiratory failure in liver transplantation: Risk factors and effect on prognosis. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211678	3.7	11
151	Patient-ventilator asynchrony affects pulse pressure variation prediction of fluid responsiveness. <i>Journal of Critical Care</i> , <b>2015</b> , 30, 1067-71	4	11
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> , <b>2011</b> , 37, 394-410	14.5	11
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148	Noninvasive ventilation in intensive care unit patients. <i>Current Opinion in Critical Care</i> , <b>2000</b> , 6, 11-16	3.5	11
147	Noninvasive positive pressure ventilation as treatment for acute respiratory failure in critically ill patients. <i>Critical Care</i> , <b>2000</b> , 4, 15-22	10.8	11
146	Effects of low-dose alfentanil administration on central respiratory drive and respiratory pattern in spontaneously breathing ASA 1 patients. <i>Anaesthesia</i> , <b>2002</b> , 57, 540-3	6.6	10
145	Physiological effects of high-flow oxygen in tracheostomized patients. <i>Annals of Intensive Care</i> , <b>2019</b> , 9, 114	8.9	10



144	Lung ultrasound predicts non-invasive ventilation outcome in COVID-19 acute respiratory failure: a pilot study. <i>Minerva Anestesiologica</i> , <b>2021</b> , 87, 1006-1016	1.9	10
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142	Immunonutrients in critically ill patients: an analysis of the most recent literature. <i>Minerva Anestesiologica</i> , <b>2016</b> , 82, 320-31	1.9	10
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140	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> , <b>2013</b> , 39, 232-46	14.5	9
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138	Clinical aspects of invasive candidiasis in critically ill patients. <i>Drugs</i> , <b>2009</b> , 69 Suppl 1, 21-8	12.1	9
137	Year in review in Intensive Care Medicine, 2006. I. Experimental studies. Clinical studies: brain injury, renal failure and endocrinology. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 49-57	14.5	9
136	Transfusion strategies in bleeding critically ill adults: a clinical practice guideline from the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 1368-1392	14.5	9
135	Increased mortality in critically ill patients with mild or moderate hyperbilirubinemia. <i>Journal of Critical Care</i> , <b>2017</b> , 40, 31-35	4	8
134	Noninvasive Options. <i>Critical Care Clinics</i> , <b>2018</b> , 34, 395-412	4.5	8
133	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> , <b>2013</b> , 39, 345-64	14.5	8
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130	Effects of acid-base abnormalities on blood capacity of transporting CO(2): adverse effect of metabolic acidosis. <i>Intensive Care Medicine</i> , <b>2002</b> , 28, 609-15	14.5	8
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128	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> , <b>2016</b> , 33, 151-7	4	7
127	A survey on infection management practices in Italian ICUs. <i>Critical Care</i> , <b>2012</b> , 16, R221	10.8	7

126	Racemic ketamine in adult head injury patients: use in endotracheal suctioning. <i>Critical Care</i> , <b>2013</b> , 17, R267	10.8	7
125	Which factors predict candidate outcome in advanced life support courses? A preliminary observational study. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 1521-5	14.5	7
124	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> , <b>2007</b> , 33, 414-22	14.5	7
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122	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> , <b>2022</b> , 34, e1-e13	3	7
121	Nebulized Amikacin and Fosfomycin for Severe <i>Pseudomonas aeruginosa</i> Pneumonia: An Experimental Study. <i>Critical Care Medicine</i> , <b>2019</b> , 47, e470-e477	1.4	7
120	Goal-directed hemodynamic management in patients undergoing primary debulking gynaecological surgery: A matched-controlled precision medicine study. <i>Gynecologic Oncology</i> , <b>2018</b> , 151, 299-305	4.9	7
119	BMI and pneumonia outcomes in critically ill covid-19 patients: An international multicenter study. <i>Obesity</i> , <b>2021</b> , 29, 1477-1486	8	7
118	Early coagulation support protocol: A valid approach in real-life management of major trauma patients. Results from two Italian centres. <i>Injury</i> , <b>2019</b> , 50, 1671-1677	2.5	6
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116	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> , <b>2011</b> , 37, 196-213	14.5	6
115	Reporting, access, and transparency: better infrastructure of clinical trials. <i>Critical Care Medicine</i> , <b>2009</b> , 37, S178-83	1.4	6
114	Noninvasive ventilation in large postoperative flail chest. <i>Pediatric Blood and Cancer</i> , <b>2008</b> , 51, 831-3	3	6
113	Year in review in intensive care medicine, 2005. III. Nutrition, pediatric and neonatal critical care, and experimental. <i>Intensive Care Medicine</i> , <b>2006</b> , 32, 490-500	14.5	6
112	Year in review in Intensive Care Medicine-2003. Part 1: Respiratory failure, infection and sepsis. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 1017-31	14.5	6
111	High frequency jet ventilation (HFJV) has no better haemodynamic tolerance than controlled mechanical ventilation (CMV) in cardiogenic shock. <i>Intensive Care Medicine</i> , <b>1988</b> , 14, 359-63	14.5	6
110	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> , <b>2021</b> , 34, 21-30	3.3	6
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108	Polymyxin B hemoperfusion in septic shock: just look at the evidence!. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1731-2	14.5	5
107	<i>Clostridioides difficile</i> (formerly <i>Clostridium difficile</i> ) infection in the critically ill: an expert statement. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 215-224	14.5	5
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