

Maurizio Cecconi

List of Publications by Year in descending order

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Version: 2024-02-01

294
papers

36,884
citations

12597

71
h-index

4131

181
g-index

317
all docs

317
docs citations

317
times ranked

44102
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of COVID-19 epidemic on vital signs in hospitalized patients: a pre-post heat-map study from a large teaching hospital. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 829-837.	0.7	5
2	Pharmacodynamic analysis of a fluid challenge with 4ÂmlÂkg ⁻¹ over 10 or 20Âmin: a multicenter cross-over randomized clinical trial. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1193-1203.	0.7	15
3	Lung Response to a Higher Positive End-Expiratory Pressure in Mechanically Ventilated Patients With COVID-19. <i>Chest</i> , 2022, 161, 979-988.	0.4	30
4	Does the definition of fluid responsiveness affect passive leg raising reliability? A methodological ancillary analysis from a multicentric study. <i>Minerva Anestesiologica</i> , 2022, 88, .	0.6	5
5	Association between tracheostomy timing and outcomes for older critically ill COVID-19 patients: prospective observational study in European intensive care units. <i>British Journal of Anaesthesia</i> , 2022, 128, 482-490.	1.5	16
6	Disease-Course Adapting Machine Learning Prognostication Models in Elderly Patients Critically Ill With COVID-19: Multicenter Cohort Study With External Validation. <i>JMIR Medical Informatics</i> , 2022, 10, e32949.	1.3	5
7	Education to save lives: C19SPACE, the COVID19 Skills Preparation Course. <i>Intensive Care Medicine</i> , 2022, 48, 227-230.	3.9	6
8	Surviving Capnocytophaga Canimorsus Septic Shock: Intertwining a Challenging Diagnosis with Prompt Treatment. <i>Diagnostics</i> , 2022, 12, 260.	1.3	2
9	Challenges in the hemodynamic management of acute nontraumatic neurological injuries. <i>Current Opinion in Critical Care</i> , 2022, 28, 138-144.	1.6	3
10	A "Multiomic" Approach of Saliva Metabolomics, Microbiota, and Serum Biomarkers to Assess the Need of Hospitalization in Coronavirus Disease 2019. , 2022, 1, 194-209.		11
11	Accuracy of cumulative volumes of fluid challenge to assess fluid responsiveness in critically ill patients with acute circulatory failure: a pharmacodynamic approach. <i>British Journal of Anaesthesia</i> , 2022, 128, 236-243.	1.5	10
12	Increased 30-day mortality in very old ICU patients with COVID-19 compared to patients with respiratory failure without COVID-19. <i>Intensive Care Medicine</i> , 2022, 48, 435-447.	3.9	23
13	Impact of chronic exposure to 5-alpha reductase inhibitors on the risk of hospitalization for COVID-19: a case-control study in male population from two COVID-19 regional centers of Lombardy, Italy. <i>Minerva Urology and Nephrology</i> , 2022, 74, .	1.3	4
14	An international survey of adherence to Surviving Sepsis Campaign Guidelines 2016 regarding fluid resuscitation and vasopressors in the initial management of septic shock. <i>Journal of Critical Care</i> , 2022, 68, 144-154.	1.0	15
15	Early prediction of SARS-CoV-2 reproductive number from environmental, atmospheric and mobility data: A supervised machine learning approach. <i>International Journal of Medical Informatics</i> , 2022, 162, 104755.	1.6	3
16	Current practice and evolving concepts in septic shock resuscitation. <i>Intensive Care Medicine</i> , 2022, 48, 148-163.	3.9	55
17	Short-term mortality of patients >=80 years old admitted to European intensive care units: an international observational study. <i>British Journal of Anaesthesia</i> , 2022, 129, 58-66.	1.5	3
18	Spinal anesthesia and hypotensive events in hip fracture surgical repair in elderly patients: a meta-analysis. <i>Journal of Anesthesia, Analgesia and Critical Care</i> , 2022, 2, .	0.5	7

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19	Lung response to prone positioning in mechanically-ventilated patients with COVID-19. <i>Critical Care</i> , 2022, 26, 127.	2.5	13
20	Variation in communication and family visiting policies in intensive care within and between countries during the Covid-19 pandemic: The COVISIT international survey. <i>Journal of Critical Care</i> , 2022, 71, 154050.	1.0	18
21	Clinical and organizational factors associated with mortality during the peak of first COVID-19 wave: the global UNITE-COVID study. <i>Intensive Care Medicine</i> , 2022, 48, 690-705.	3.9	38
22	Outcome prediction during an ICU surge using a purely data-driven approach: A supervised machine learning case-study in critically ill patients from COVID-19 Lombardy outbreak. <i>International Journal of Medical Informatics</i> , 2022, 164, 104807.	1.6	7
23	Restriction of Intravenous Fluid in ICU Patients with Septic Shock. <i>New England Journal of Medicine</i> , 2022, 386, 2459-2470.	13.9	154
24	Fluid challenge in critically ill patients receiving haemodynamic monitoring: a systematic review and comparison of two decades. <i>Critical Care</i> , 2022, 26, .	2.5	30
25	Detailed stratified GWAS analysis for severe COVID-19 in four European populations. <i>Human Molecular Genetics</i> , 2022, 31, 3945-3966.	1.4	46
26	Renal resistive index as a predictor of postoperative complications in liver resection surgery. Observational study. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 731-740.	0.7	5
27	Metrology part 1: definition of quality criteria. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 17-25.	0.7	22
28	Metrology part 2: Procedures for the validation of major measurement quality criteria and measuring instrument properties. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 27-37.	0.7	11
29	Rationale and evidence on the use of tocilizumab in COVID-19: a systematic review. <i>Pulmonology</i> , 2021, 27, 52-66.	1.0	128
30	The role of anti-hypertensive treatment, comorbidities and early introduction of LMWH in the setting of COVID-19: A retrospective, observational study in Northern Italy. <i>International Journal of Cardiology</i> , 2021, 324, 249-254.	0.8	21
31	Treating critically ill anemic patients with erythropoietin: less is more. <i>Intensive Care Medicine</i> , 2021, 47, 256-257.	3.9	0
32	Macrophage expression and prognostic significance of the long pentraxin PTX3 in COVID-19. <i>Nature Immunology</i> , 2021, 22, 19-24.	7.0	101
33	Potential harm caused by physicians' a-priori beliefs in the clinical effectiveness of hydroxychloroquine and its impact on clinical and economic outcome – A simulation approach. <i>Journal of Critical Care</i> , 2021, 62, 138-144.	1.0	3
34	Cerebral regional oxygen saturation during cardiopulmonary resuscitation and return of spontaneous circulation: A systematic review and meta-analysis. <i>Resuscitation</i> , 2021, 159, 19-27.	1.3	26
35	Vasculitis changes in COVID-19 survivors with persistent symptoms: an [18F]FDG-PET/CT study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1460-1466.	3.3	106
36	COVID-19: What we've done well and what we could or should have done better – the 4 Ps. <i>Critical Care</i> , 2021, 25, 40.	2.5	14

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37	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.	0.4	289
38	Mini fluid challenge and End-expiratory occlusion test to assess fluid responsiveness in the operating room (MANEUVER study). <i>European Journal of Anaesthesiology</i> , 2021, 38, 422-431.	0.7	15
39	Current use of inotropes in circulatory shock. <i>Annals of Intensive Care</i> , 2021, 11, 21.	2.2	35
40	Norepinephrine Infusion in the Emergency Department in Septic Shock Patients: A Retrospective 2-Years Safety Report and Outcome Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 824.	1.2	7
41	Barotrauma in mechanically ventilated patients with Coronavirus disease 2019: a survey of 38 hospitals in Lombardy, Italy. <i>Minerva Anestesiologica</i> , 2021, 87, 193-198.	0.6	19
42	Sharing ICU Patient Data Responsibly Under the Society of Critical Care Medicine/European Society of Intensive Care Medicine Joint Data Science Collaboration: The Amsterdam University Medical Centers Database (AmsterdamUMCdb) Example*. <i>Critical Care Medicine</i> , 2021, 49, e563-e577.	0.4	87
43	Reliability of the Clinical Frailty Scale in very elderly ICU patients: a prospective European study. <i>Annals of Intensive Care</i> , 2021, 11, 22.	2.2	61
44	Association between perioperative fluid administration and postoperative outcomes: a 20-year systematic review and a meta-analysis of randomized goal-directed trials in major visceral/noncardiac surgery. <i>Critical Care</i> , 2021, 25, 43.	2.5	53
45	Circulating pentraxin 3 in severe COVID-19 or other pulmonary sepsis. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13530.	1.7	10
46	Long COVID hallmarks on [18F]FDG-PET/CT: a case-control study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3187-3197.	3.3	106
47	How the COVID-19 pandemic will change the future of critical care. <i>Intensive Care Medicine</i> , 2021, 47, 282-291.	3.9	132
48	Frailty is associated with long-term outcome in patients with sepsis who are over 80 years old: results from an observational study in 241 European ICUs. <i>Age and Ageing</i> , 2021, 50, 1719-1727.	0.7	20
49	Diversity and inclusivity: the way to multidisciplinary intensive care medicine in Europe. <i>Intensive Care Medicine</i> , 2021, 47, 598-601.	3.9	15
50	The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study. <i>Critical Care</i> , 2021, 25, 149.	2.5	107
51	Critical Care Outreach Team During COVID-19: Ventilatory Support in the Ward and Outcomes. <i>Respiratory Care</i> , 2021, 66, 928-935.	0.8	4
52	Systolic dysfunction as evaluated by tissue Doppler imaging echocardiography and mortality in septic patients: A systematic review and meta-analysis. <i>Journal of Critical Care</i> , 2021, 62, 256-264.	1.0	30
53	Perioperative Management of Complex Hepatectomy for Colorectal Liver Metastases: The Alliance between the Surgeon and the Anesthetist. <i>Cancers</i> , 2021, 13, 2203.	1.7	6
54	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.	0.6	5

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55	Perioperative liberal versus restrictive fluid strategies and postoperative outcomes: a systematic review and meta-analysis on randomised-controlled trials in major abdominal elective surgery. <i>Critical Care</i> , 2021, 25, 205.	2.5	27
56	Short-term health-related quality of life, physical function and psychological consequences of severe COVID-19. <i>Annals of Intensive Care</i> , 2021, 11, 91.	2.2	41
57	Noninvasive Ventilatory Support of Patients with COVID-19 outside the Intensive Care Units (WARd-COVID). <i>Annals of the American Thoracic Society</i> , 2021, 18, 1020-1026.	1.5	111
58	Provision of critical care for the elderly in Europe: a retrospective comparison of national healthcare frameworks in intensive care units. <i>BMJ Open</i> , 2021, 11, e046909.	0.8	11
59	Steroid use in elderly critically ill COVID-19 patients. <i>European Respiratory Journal</i> , 2021, 58, 2100979.	3.1	44
60	Early Effects of Passive Leg-Raising Test, Fluid Challenge, and Norepinephrine on Cerebral Autoregulation and Oxygenation in COVID-19 Critically Ill Patients. <i>Frontiers in Neurology</i> , 2021, 12, 674466.	1.1	12
61	Noninvasive respiratory support outside the intensive care unit for acute respiratory failure related to coronavirus-19 disease: a systematic review and meta-analysis. <i>Critical Care</i> , 2021, 25, 268.	2.5	56
62	Relationship between the Clinical Frailty Scale and short-term mortality in patients 80 years old acutely admitted to the ICU: a prospective cohort study. <i>Critical Care</i> , 2021, 25, 231.	2.5	19
63	Sharing Mechanical Ventilator: In Vitro Evaluation of Circuit Cross-Flows and Patient Interactions. <i>Membranes</i> , 2021, 11, 547.	1.4	2
64	Hospital-Acquired Infections in Critically Ill Patients With COVID-19. <i>Chest</i> , 2021, 160, 454-465.	0.4	225
65	Synergistic Effect of Static Compliance and D-dimers to Predict Outcome of Patients with COVID-19-ARDS: A Prospective Multicenter Study. <i>Biomedicines</i> , 2021, 9, 1228.	1.4	6
66	COVID-19-related echocardiographic patterns of cardiovascular dysfunction in critically ill patients: A systematic review of the current literature. <i>Journal of Critical Care</i> , 2021, 65, 26-35.	1.0	19
67	Multivariable haemodynamic approach to predict the fluid challenge response. <i>European Journal of Anaesthesiology</i> , 2021, 38, 22-31.	0.7	9
68	Management and outcomes in critically ill nonagenarian versus octogenarian patients. <i>BMC Geriatrics</i> , 2021, 21, 576.	1.1	7
69	Clinical Outcomes in the Second versus First Pandemic Wave in Italy: Impact of Hospital Changes and Reorganization. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9342.	1.3	2
70	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , 2021, 49, e1063-e1143.	0.4	927
71	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.	0.4	209
72	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.	3.9	45

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73	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , 2021, 47, 1181-1247.	3.9	1,503
74	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.	3.9	16
75	Value of renal resistive index in covid-19 ARDS patients: an early inflammation alert for the lung-kidney cross-talk?. <i>Recenti Progressi in Medicina</i> , 2021, 112, 216-218.	0.8	0
76	May near infra-red spectroscopy and rapid perfusion pressure recovering be enough to rule out post-operative spinal cord injury? Two compared case-reports. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 955-959.	0.7	4
77	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.	3.9	108
78	Long-term patient-important outcomes after septic shock: A protocol for 1-year follow-up of the CLASSIC trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 410-416.	0.7	5
79	The contribution of frailty, cognition, activity of daily life and comorbidities on outcome in acutely admitted patients over 80 years in European ICUs: the VIP2 study. <i>Intensive Care Medicine</i> , 2020, 46, 57-69.	3.9	230
80	Assessment of Fluid Responsiveness in Prone Neurosurgical Patients Undergoing Protective Ventilation: Role of Dynamic Indices, Tidal Volume Challenge, and End-Expiratory Occlusion Test. <i>Anesthesia and Analgesia</i> , 2020, 130, 752-761.	1.1	33
81	Dynamic Arterial Elastance During Experimental Endotoxic Septic Shock: A Potential Marker of Cardiovascular Efficiency. <i>Frontiers in Physiology</i> , 2020, 11, 562824.	1.3	2
82	Trans-thoracic Echocardiography in Prone Positioning COVID-19 Patients: a Small Case Series. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2381-2386.	0.3	6
83	Inhaled nitric oxide in mechanically ventilated patients with COVID-19. <i>Journal of Critical Care</i> , 2020, 60, 159-160.	1.0	56
84	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.	2.6	1,165
85	Transfusion in critical care: Past, present and future. <i>Transfusion Medicine</i> , 2020, 30, 418-432.	0.5	6
86	International variation in the management of severe COVID-19 patients. <i>Critical Care</i> , 2020, 24, 486.	2.5	55
87	A dedicated multidisciplinary safety briefing for the COVID-19 critical care. <i>Intensive and Critical Care Nursing</i> , 2020, 60, 102882.	1.4	8
88	Sex-specific outcome disparities in very old patients admitted to intensive care medicine: a propensity matched analysis. <i>Scientific Reports</i> , 2020, 10, 18671.	1.6	9
89	Pathophysiology of COVID-19-associated acute respiratory distress syndrome: a multicentre prospective observational study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1201-1208.	5.2	516
90	Echocardiography during Prone-Position Mechanical Ventilation in Patients with COVID-19: A Proposal for a New Approach. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 905-906.	1.2	20

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91	In Response. Anesthesia and Analgesia, 2020, 130, e151.	1.1	1
92	The trend of C-Reactive protein allows a safe early discharge after surgery for Crohn's disease. Updates in Surgery, 2020, 72, 985-989.	0.9	8
93	High mortality in COVID-19 patients with mild respiratory disease. European Journal of Clinical Investigation, 2020, 50, e13314.	1.7	34
94	Ten things we learned about COVID-19. Intensive Care Medicine, 2020, 46, 1590-1593.	3.9	28
95	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. New England Journal of Medicine, 2020, 383, 1522-1534.	13.9	1,548
96	Imagine (a common language for ICU data inquiry and analysis). Intensive Care Medicine, 2020, 46, 531-533.	3.9	4
97	ICU management based on big data. Current Opinion in Anaesthesiology, 2020, 33, 162-169.	0.9	5
98	Management of IBD during the COVID-19 outbreak: resetting clinical priorities. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 253-255.	8.2	103
99	Surviving Sepsis Campaign: guidelines on the management of critically ill adults with Coronavirus Disease 2019 (COVID-19). Intensive Care Medicine, 2020, 46, 854-887.	3.9	1,536
100	Baseline Characteristics and Outcomes of 1591 Patients Infected With SARS-CoV-2 Admitted to ICUs of the Lombardy Region, Italy. JAMA - Journal of the American Medical Association, 2020, 323, 1574.	3.8	4,411
101	Hospital surge capacity in a tertiary emergency referral centre during the COVID-19 outbreak in Italy. Anaesthesia, 2020, 75, 928-934.	1.8	264
102	Critical Care Utilization for the COVID-19 Outbreak in Lombardy, Italy. JAMA - Journal of the American Medical Association, 2020, 323, 1545.	3.8	1,777
103	Yesterday heroes, today plague doctors: the dark side of celebration. Intensive Care Medicine, 2020, 46, 1790-1791.	3.9	10
104	Interleukin-6 receptor blocking with intravenous tocilizumab in COVID-19 severe acute respiratory distress syndrome: A retrospective case-control survival analysis of 128 patients. Journal of Autoimmunity, 2020, 114, 102511.	3.0	72
105	Fluid administration for acute circulatory dysfunction using basic monitoring. Annals of Translational Medicine, 2020, 8, 788-788.	0.7	4
106	Accelerated surgery versus standard care in hip fracture (HIP ATTACK): an international, randomised, controlled trial. Lancet, The, 2020, 395, 698-708.	6.3	199
107	Guidelines seek unbiased recommendations. Intensive Care Medicine, 2020, 46, 1065-1069.	3.9	1
108	Imagine (A Common Language for ICU Data Inquiry and Analysis). Critical Care Medicine, 2020, 48, 273-275.	0.4	1

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109	Systematic assessment of fluid responsiveness during early septic shock resuscitation: secondary analysis of the ANDROMEDA-SHOCK trial. <i>Critical Care</i> , 2020, 24, 23.	2.5	53
110	Dynamic Arterial Elastance as a Ventriculo-Arterial Coupling Index: An Experimental Animal Study. <i>Frontiers in Physiology</i> , 2020, 11, 284.	1.3	25
111	Maternal Risk Modeling in Critical Care—Development of a Multivariable Risk Prediction Model for Death and Prolonged Intensive Care*. <i>Critical Care Medicine</i> , 2020, 48, 663-672.	0.4	7
112	CORONA-steps for tracheotomy in COVID-19 patients: A staff-safe method for airway management. <i>Oral Oncology</i> , 2020, 105, 104728.	0.8	4
113	Venous and arterial thromboembolic complications in COVID-19 patients admitted to an academic hospital in Milan, Italy. <i>Thrombosis Research</i> , 2020, 191, 9-14.	0.8	1,690
114	COVID-19 Digestive System Involvement and Clinical Outcomes in a Large Academic Hospital in Milan, Italy. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 2366-2368.e3.	2.4	51
115	Surviving Sepsis Campaign: Guidelines on the Management of Critically Ill Adults with Coronavirus Disease 2019 (COVID-19). <i>Critical Care Medicine</i> , 2020, 48, e440-e469.	0.4	816
116	The fluid challenge. <i>Critical Care</i> , 2020, 24, 703.	2.5	41
117	Sepsis at ICU admission does not decrease 30-day survival in very old patients: a post-hoc analysis of the VIP1 multinational cohort study. <i>Annals of Intensive Care</i> , 2020, 10, 56.	2.2	16
118	Symptoms of burnout in intensive care unit specialists facing the COVID-19 outbreak. <i>Annals of Intensive Care</i> , 2020, 10, 110.	2.2	239
119	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.	2.2	31
120	Management of critically ill patients with COVID-19: suggestions and instructions from the coordination of intensive care units of Lombardy. <i>Minerva Anestesiologica</i> , 2020, 86, 1234-1245.	0.6	31
121	Early Predictors of Clinical Deterioration in a Cohort of 239 Patients Hospitalized for Covid-19 Infection in Lombardy, Italy. <i>Journal of Clinical Medicine</i> , 2020, 9, 1548.	1.0	147
122	Mean Systemic Filling Pressure Is an Old Concept but a New Tool for Fluid Management. , 2020, , 181-198.		0
123	Noninvasive Cardiac Output Monitoring in Cardiothoracic Surgery Patients: Available Methods and Future Directions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 1742-1752.	0.6	26
124	Is this patient really “(un)stable”? How to describe cardiovascular dynamics in critically ill patients. <i>Critical Care</i> , 2019, 23, 272.	2.5	5
125	Functional hemodynamic tests: a systematic review and a meta-analysis 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.	2.5	58
126	Conservative vs liberal fluid therapy in septic shock (CLASSIC) trial—Protocol and statistical analysis plan. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 1262-1271.	0.7	37

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127	Determinants of left ventricular ejection fraction and a novel method to improve its assessment of myocardial contractility. <i>Annals of Intensive Care</i> , 2019, 9, 48.	2.2	28
128	Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , 2019, 23, 31.	2.5	16
129	Huge variation in obtaining ethical permission for a non-interventional observational study in Europe. <i>BMC Medical Ethics</i> , 2019, 20, 39.	1.0	27
130	A comparison of very old patients admitted to intensive care unit after acute versus elective surgery or intervention. <i>Journal of Critical Care</i> , 2019, 52, 141-148.	1.0	30
131	Effectiveness of a national quality improvement programme to improve survival after emergency abdominal surgery (EPOCH): a stepped-wedge cluster-randomised trial. <i>Lancet, The</i> , 2019, 393, 2213-2221.	6.3	123
132	Current use of vasopressors in septic shock. <i>Annals of Intensive Care</i> , 2019, 9, 20.	2.2	109
133	Perioperative Quality Initiative consensus statement on postoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 575-586.	1.5	68
134	Cumulative Prognostic Score Predicting Mortality in Patients Older Than 80 Years Admitted to the ICU. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1263-1267.	1.3	28
135	Perioperative Haemodynamics. <i>Lessons From the ICU</i> , 2019, , 107-115.	0.1	0
136	Determinants of Venous Return. <i>Lessons From the ICU</i> , 2019, , 27-37.	0.1	1
137	Effect of a Resuscitation Strategy Targeting Peripheral Perfusion Status vs Serum Lactate Levels on 28-Day Mortality Among Patients With Septic Shock. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 654.	3.8	471
138	Challenges in the management of septic shock: a narrative review. <i>Intensive Care Medicine</i> , 2019, 45, 420-433.	3.9	52
139	Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 563-574.	1.5	342
140	Perioperative Quality Initiative consensus statement on preoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 552-562.	1.5	127
141	Rebuttal to: "As simple as possible, but not simpler: estimating the effective arterial elastance at bedside". <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 937-940.	0.7	1
142	Perioperative Quality Initiative consensus statement on the physiology of arterial blood pressure control in perioperative medicine. <i>British Journal of Anaesthesia</i> , 2019, 122, 542-551.	1.5	66
143	Tidal volume challenge to predict fluid responsiveness in the operating room. <i>European Journal of Anaesthesiology</i> , 2019, 36, 583-591.	0.7	48
144	Noninvasive continuous arterial pressure monitoring with Clearsight during awake carotid endarterectomy. <i>European Journal of Anaesthesiology</i> , 2019, 36, 144-152.	0.7	16

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145	What should I use next if clinical evaluation and echocardiographic haemodynamic assessment is not enough?. <i>Current Opinion in Critical Care</i> , 2019, 25, 259-265.	1.6	8
146	The REDS score: a new scoring system to risk-stratify emergency department suspected sepsis: a derivation and validation study. <i>BMJ Open</i> , 2019, 9, e030922.	0.8	14
147	Reliability of effective arterial elastance using peripheral arterial pressure as surrogate for left ventricular end-systolic pressure. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 803-813.	0.7	25
148	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.	3.9	80
149	Assessing left ventricular systolic function with ejection fraction: using a double-edged knife as a hammer. <i>Annals of Intensive Care</i> , 2019, 9, 111.	2.2	5
150	Fluid therapy in neurointensive care patients: ESICM consensus and clinical practice recommendations. <i>Intensive Care Medicine</i> , 2018, 44, 449-463.	3.9	113
151	Expert statement for the management of hypovolemia in sepsis. <i>Intensive Care Medicine</i> , 2018, 44, 791-798.	3.9	50
152	Second consensus on the assessment of sublingual microcirculation in critically ill patients: results from a task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2018, 44, 281-299.	3.9	305
153	Effects of Fluids on the Macro- and Microcirculations. <i>Critical Care</i> , 2018, 22, 74.	2.5	26
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179	<sc>THRIVE</sc>, rapid sequence induction and oxygenation. A reply. <i>Anaesthesia</i> , 2017, 72, 1033-1035.	1.8	2
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190	Goal-directed therapy to maintain haemostasis. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2016, 30, 217-228.	1.7	4
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192	Understanding the venous – arterial CO ₂ to arterial – venous O ₂ content difference ratio. <i>Intensive Care Medicine</i> , 2016, 42, 1801-1804.	3.9	43
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203	Metrology in Medicine. <i>Anesthesia and Analgesia</i> , 2015, 120, 66-75.	1.1	34
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214	Individualised targeted haemodynamic therapy in high-risk surgical patients – Authors' reply. <i>Lancet Respiratory Medicine</i> , the, 2015, 3, e14-e15.	5.2	0
215	Year in review in <i>Intensive Care Medicine</i> 2014: III. Severe infections, septic shock, healthcare-associated infections, highly resistant bacteria, invasive fungal infections, severe viral infections, Ebola virus disease and paediatrics. <i>Intensive Care Medicine</i> , 2015, 41, 575-588.	3.9	22
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218	Year in review in <i>Intensive Care Medicine</i> 2014: II. ARDS, airway management, ventilation, adjuvants in sepsis, hepatic failure, symptoms assessment and management, palliative care and support for families, prognostication, organ donation, outcome, organisation and research methodology. <i>Intensive Care Medicine</i> , 2015, 41, 389-401.	3.9	10
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220	Diastolic dysfunction and mortality in septic patients: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2015, 41, 1004-1013.	3.9	181
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222	From cardiac output to blood flow auto-regulation in shock. <i>Anaesthesiology Intensive Therapy</i> , 2015, 47, 56-62.	0.4	10
223	Hemodynamic optimization in severe trauma: a systematic review and meta-analysis. <i>Revista Brasileira De Terapia Intensiva</i> , 2014, 26, 397-406.	0.1	3
224	Perioperative Haemodynamic Optimisation. <i>Journal of the Turkish Anaesthesiology & Intensive Care Society - JTAICS</i> , 2014, 42, 56-65.	0.1	3
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232	Year in review in <i>Intensive Care Medicine</i> 2013: III. Sepsis, infections, respiratory diseases, pediatrics. <i>Intensive Care Medicine</i> , 2014, 40, 471-483.	3.9	7
233	Year in review in <i>Intensive Care Medicine</i> 2013: I. Acute kidney injury, ultrasound, hemodynamics, cardiac arrest, transfusion, neurocritical care, and nutrition. <i>Intensive Care Medicine</i> , 2014, 40, 147-159.	3.9	22
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244	Resuscitation of patients with septic shock: please â€œmind the gapâ€!. <i>Intensive Care Medicine</i> , 2013, 39, 1653-1655.	3.9	72
245	Goal-directed therapy in cardiac surgery: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2013, 110, 510-517.	1.5	197
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247	Less invasive methods of advanced hemodynamic monitoring: principles, devices, and their role in the perioperative hemodynamic optimization. <i>Perioperative Medicine (London, England)</i> , 2013, 2, 19.	0.6	41
248	Year in review in <i>Intensive Care Medicine</i> 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, 345-364.	3.9	10
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259	Clinical review: Goal-directed therapy-what is the evidence in surgical patients? The effect on different risk groups. <i>Critical Care</i> , 2012, 17, 209.	2.5	275
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261	Why Guidelines Require Reform. , 2012, , 23-31.		0
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263	Goal-directed therapy in high-risk surgical patients: a 15-year follow-up study. , 2012, , 417-422.		0
264	Goal-directed haemodynamic therapy during elective total hip arthroplasty under regional anaesthesia. <i>Critical Care</i> , 2011, 15, R132.	2.5	141
265	Should we use early less invasive hemodynamic monitoring in unstable ICU patients?. <i>Critical Care</i> , 2011, 15, 173.	2.5	8
266	Cardiac output monitoring: an integrative perspective. <i>Critical Care</i> , 2011, 15, 214.	2.5	164
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278	Management of the circulation on ICU. <i>Surgery</i> , 2009, 27, 486-491.	0.1	2
279	Lithium dilution cardiac output measurement in the critically ill patient: determination of precision of the technique. <i>Intensive Care Medicine</i> , 2009, 35, 498-504.	3.9	670
280	Tracking changes in cardiac output: methodological considerations for the validation of monitoring devices. <i>Intensive Care Medicine</i> , 2009, 35, 1801-1808.	3.9	107
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283	Minimally invasive haemodynamic monitoring. <i>European Journal of Anaesthesiology</i> , 2009, 26, 996-1002.	0.7	44
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286	Evaluation of new laryngoscope blade for tracheal intubation, Truview EVO2®;. <i>European Journal of Anaesthesiology</i> , 2008, 25, 446-449.	0.7	13
287	Methodologies for assessing agreement between two methods of clinical measurement: are we as good as we think we are?. <i>Current Opinion in Critical Care</i> , 2007, 13, 294-296.	1.6	19
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291	PRECISION AND RELIABILITY OF CONTINUOUS MEASUREMENT OF CARDIAC OUTPUT FROM THE PULMONARY ARTERY CATHETER IN HAEMODYNAMICALLY UNSTABLE PATIENTS.. Critical Care Medicine, 2006, 34, A59.	0.4	0
292	What is a fluid challenge and how to perform it?. , 0, , 213-223.		0
293	The cardiac arrest centre for the treatment of sudden cardiac arrest due to presumed cardiac cause: aims, function, and structure: position paper of the ACVC association of the ESC, EAPCI, EHRA, ERC, EUSEM, and ESICM. European Heart Journal: Acute Cardiovascular Care, 0, , .	0.4	9
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