

Marcus J Schultz

List of Publications by Year in descending order

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772
papers

33,284
citations

4136

87
h-index

7152

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791
all docs

791
docs citations

791
times ranked

27870
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of patient-ventilator asynchrony on lung and diaphragmatic injury in experimental acute respiratory distress syndrome in a porcine model. <i>British Journal of Anaesthesia</i> , 2023, 130, e169-e178.	1.5	5
2	Untargeted Molecular Analysis of Exhaled Breath as a Diagnostic Test for Ventilator-Associated Lower Respiratory Tract Infections (BreathDx). <i>Thorax</i> , 2022, 77, 79-81.	2.7	10
3	Associations Between Expiratory Flow Limitation and Postoperative Pulmonary Complications in Patients Undergoing Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 815-824.	0.6	4
4	Incidence, Clinical Characteristics and Outcomes of Early Hyperbilirubinemia in Critically Ill Patients: Insights From the MARS Study. <i>Shock</i> , 2022, 57, 161-167.	1.0	7
5	Blood leukocyte transcriptomes in Gram-positive and Gram-negative community-acquired pneumonia. <i>European Respiratory Journal</i> , 2022, 59, 2101856.	3.1	3
6	Practice of tracheostomy in patients with acute respiratory failure related to COVID-19 - Insights from the PRoVENT-COVID study. <i>Pulmonology</i> , 2022, 28, 18-27.	1.0	8
7	Prognostication using SpO2/FiO2 in invasively ventilated ICU patients with ARDS due to COVID-19 - Insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2022, 68, 31-37.	1.0	11
8	Etiology of Myocardial Injury in Critically Ill Patients with Sepsis: A Cohort Study. <i>Annals of the American Thoracic Society</i> , 2022, 19, 773-780.	1.5	5
9	Infection control in the intensive care unit: expert consensus statements for SARS-CoV-2 using a Delphi method. <i>Lancet Infectious Diseases</i> , The, 2022, 22, e74-e87.	4.6	10
10	Global lessons learned from COVID-19 mass casualty incidents. <i>British Journal of Anaesthesia</i> , 2022, 128, e97-e100.	1.5	7
11	Geo-economic variations in epidemiology, ventilation management and outcome of patients receiving intraoperative ventilation during general anesthesia - posthoc analysis of an observational study in 29 countries. <i>BMC Anesthesiology</i> , 2022, 22, 15.	0.7	1
12	The effect of age on ventilation management and clinical outcomes in critically ill COVID-19 patients - insights from the PRoVENT-COVID study. <i>Aging</i> , 2022, 14, 1087-1109.	1.4	12
13	The impact of lung ultrasound on clinical-decision making across departments: a systematic review. <i>Ultrasound Journal</i> , 2022, 14, 5.	1.3	13
14	Lung- and Diaphragm-Protective Ventilation by Titrating Inspiratory Support to Diaphragm Effort: A Randomized Clinical Trial. <i>Critical Care Medicine</i> , 2022, 50, 192-203.	0.4	21
15	Geoeconomic variations in epidemiology, ventilation management, and outcomes in invasively ventilated intensive care unit patients without acute respiratory distress syndrome: a pooled analysis of four observational studies. <i>The Lancet Global Health</i> , 2022, 10, e227-e235.	2.9	16
16	Can nebulised HepArin Reduce mortality and time to Extubation in patients with COVID-19 Requiring invasive ventilation Meta-trial (CHARTER-MT): Protocol and statistical analysis plan for an investigator-initiated international meta-trial of prospective randomised clinical studies. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 3272-3287.	1.1	9
17	Mechanical ventilators for low- and middle-income countries: informing a context-specific and sustainable design. <i>British Journal of Anaesthesia</i> , 2022, , .	1.5	1
18	Source-specific host response and outcomes in critically ill patients with sepsis: a prospective cohort study. <i>Intensive Care Medicine</i> , 2022, 48, 92-102.	3.9	35

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19	Going Micro in Leptospirosis Kidney Disease. <i>Cells</i> , 2022, 11, 698.	1.8	8
20	The INVENT COVID trial: a structured protocol for a randomized controlled trial investigating the efficacy and safety of intravenous imatinib mesylate (Impentri [®]) in subjects with acute respiratory distress syndrome induced by COVID-19. <i>Trials</i> , 2022, 23, 158.	0.7	6
21	Epidemiology, ventilation management and outcome in patients receiving intensive care after non-thoracic surgery Insights from the LAS VEGAS study. <i>Pulmonology</i> , 2022, 28, 90-98.	1.0	0
22	Patients with hypothermic sepsis have a unique gene expression profile compared to patients with fever and sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1896-1904.	1.6	1
23	Donor-recipient sex is associated with transfusion-related outcomes in critically ill patients. <i>Blood Advances</i> , 2022, 6, 3260-3267.	2.5	9
24	Breath octane and acetaldehyde as markers for ARDS in invasively ventilated patients suspected to have VAP. <i>ERJ Open Research</i> , 2022, 8, 00624-2021.	1.1	2
25	Clinical characteristics, physiological features, and outcomes associated with hypercapnia in patients with acute hypoxemic respiratory failure due to COVID-19—insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2022, 69, 154022.	1.0	9
26	Treatment of adults with severe dengue patients in Thailand. <i>Clinical Critical Care</i> , 2022, , .	0.0	0
27	Closed-loop oxygen control improves oxygen therapy in acute hypoxemic respiratory failure patients under high flow nasal oxygen: a randomized cross-over study (the HILOOP study). <i>Critical Care</i> , 2022, 26, 108.	2.5	10
28	Intraoperative positive end-expiratory pressure and postoperative pulmonary complications: a patient-level meta-analysis of three randomised clinical trials. <i>British Journal of Anaesthesia</i> , 2022, 128, 1040-1051.	1.5	22
29	Associations of dynamic driving pressure and mechanical power with postoperative pulmonary complications—posthoc analysis of two randomised clinical trials in open abdominal surgery. <i>EClinicalMedicine</i> , 2022, 47, 101397.	3.2	12
30	Effect of Automated Closed-loop ventilation versus conventional Ventilation on duration and quality of ventilation in critically ill patients (ACTIVE) study protocol of a randomized clinical trial. <i>Trials</i> , 2022, 23, 348.	0.7	4
31	Myocardial Function during Ventilation with Lower versus Higher Positive End-Expiratory Pressure in Patients without ARDS. <i>Journal of Clinical Medicine</i> , 2022, 11, 2309.	1.0	1
32	Low tidal volume ventilation is associated with mortality in COVID-19 patients—Insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2022, 70, 154047.	1.0	6
33	Automation to improve lung protection. <i>Intensive Care Medicine</i> , 2022, 48, 943-946.	3.9	5
34	ÎP-Guided PEEP in the Operating Room—“Do We Need More Guidance?”. <i>Anesthesia and Analgesia</i> , 2022, 134, e40-e41.	1.1	0
35	Effect of erythromycin on mortality and the host response in critically ill patients with sepsis: a target trial emulation. <i>Critical Care</i> , 2022, 26, .	2.5	4
36	Abnormal Right Ventricular Myocardial Performance Index Is Not Associated With Outcomes in Invasively Ventilated Intensive Care Unit Patients Without Acute Respiratory Distress Syndrome—Post hoc Analysis of Two RCTs. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	1.1	0

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37	Association between early cumulative fluid balance and successful liberation from invasive ventilation in COVID-19 ARDS patients – insights from the PRoVENT-COVID study: a national, multicenter, observational cohort analysis. <i>Critical Care</i> , 2022, 26, .	2.5	8
38	Upcoming and urgent challenges in critical care research based on COVID-19 pandemic experience. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022, , 101121.	0.6	2
39	Tracheostomy During the COVID-19 Pandemic: Comparison of International Perioperative Care Protocols and Practices in 26 Countries. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 164, 1136-1147.	1.1	57
40	Systematic review and consensus definitions for the Standardized Endpoints in Perioperative Medicine (StEP) initiative: cardiovascular outcomes. <i>British Journal of Anaesthesia</i> , 2021, 126, 56-66.	1.5	51
41	Ventilation management and clinical outcomes in invasively ventilated patients with COVID-19 (PRoVENT-COVID): a national, multicentre, observational cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 139-148.	5.2	206
42	Ventilation and outcomes following robotic-assisted abdominal surgery: an international, multicentre observational study. <i>British Journal of Anaesthesia</i> , 2021, 126, 533-543.	1.5	13
43	Pragmatic Recommendations for the Prevention and Treatment of Acute Kidney Injury in Patients with COVID-19 in Low- and Middle-Income Countries. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	0.6	4
44	Pragmatic Recommendations for the Use of Diagnostic Testing and Prognostic Models in Hospitalized Patients with Severe COVID-19 in Low- and Middle-Income Countries. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	0.6	12
45	Epidemiological Characteristics, Ventilator Management, and Clinical Outcome in Patients Receiving Invasive Ventilation in Intensive Care Units from 10 Asian Middle-Income Countries (PRoVENT-iMiC): An International, Multicenter, Prospective Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	0.6	18
46	Pragmatic Recommendations for Identification and Triage of Patients with COVID-19 Disease in Low- and Middle-Income Countries. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	0.6	17
47	Continuous postoperative pericardial flushing reduces postoperative bleeding after coronary artery bypass grafting: A randomized trial. <i>EClinicalMedicine</i> , 2021, 31, 100661.	3.2	1
48	Pragmatic Recommendations for the Management of Acute Respiratory Failure and Mechanical Ventilation in Patients with COVID-19 in Low- and Middle-Income Countries. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	0.6	14
49	Development and validation of a point-of-care breath test for octane detection. <i>Analyst</i> , 2021, 146, 4605-4614.	1.7	8
50	Pragmatic Recommendations for the Management of Anticoagulation and Venous Thrombotic Disease for Hospitalized Patients with COVID-19 in Low- and Middle-Income Countries. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	0.6	2
51	Severe orthostatic hypotension in otherwise uncomplicated <i>Plasmodium vivax</i> infection. <i>Malaria Journal</i> , 2021, 20, 28.	0.8	1
52	Ventilation practices in burn patients – an international prospective observational cohort study. <i>Burns and Trauma</i> , 2021, 9, tkab034.	2.3	2
53	Pragmatic Recommendations for Infection Prevention and Control Practices for Healthcare Facilities in Low- and Middle-Income Countries during the COVID-19 Pandemic. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	0.6	10
54	Pragmatic Recommendations for Tracheostomy, Discharge, and Rehabilitation Measures in Hospitalized Patients Recovering From Severe COVID-19 in Low- and Middle-Income Countries. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	0.6	3

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55	Recommendations for the Management of COVID-19 in Low- and Middle-Income Countries. American Journal of Tropical Medicine and Hygiene, 2021, , .	0.6	5
56	Effects of two stepwise lung recruitment strategies on respiratory function and haemodynamics in anaesthetised pigs. European Journal of Anaesthesiology, 2021, 38, 634-643.	0.7	5
57	Consumptive coagulopathy is associated with a disturbed host response in patients with sepsis. Journal of Thrombosis and Haemostasis, 2021, 19, 1049-1063.	1.9	10
58	Sex difference and intra-operative tidal volume. European Journal of Anaesthesiology, 2021, 38, 1034-1041.	0.7	7
59	The LAS VEGAS study on epidemiology, ventilator management and outcome in patients receiving intra-operative ventilation. European Journal of Anaesthesiology, 2021, 38, 206-209.	0.7	0
60	Lung Ultrasound for Detection of Pulmonary Complications in Critically Ill Obstetric Patients in a Resource-Limited Setting. American Journal of Tropical Medicine and Hygiene, 2021, 104, 478-486.	0.6	12
61	Comparison of Mechanical Power During Adaptive Support Ventilation Versus Nonautomated Pressure-Controlled Ventilationâ€”A Pilot Study. , 2021, 3, e0335.		7
62	Checklist for Early Recognition and Treatment of Acute Illness and Injury: An Exploratory Multicenter International Quality-Improvement Study in the ICUs With Variable Resources. Critical Care Medicine, 2021, 49, e598-e612.	0.4	16
63	Biological subphenotypes of acute respiratory distress syndrome may not reflect differences in alveolar inflammation. Physiological Reports, 2021, 9, e14693.	0.7	19
64	Precision medicine in acute respiratory distress syndrome: workshop report and recommendations for future research. European Respiratory Review, 2021, 30, 200317.	3.0	34
65	Expert consensus statements for the management of COVID-19-related acute respiratory failure using a Delphi method. Critical Care, 2021, 25, 106.	2.5	121
66	The Association of Intraoperative driving pressure with postoperative pulmonary complications in open versus closed abdominal surgery patients â€” a posthoc propensity scoreâ€”weighted cohort analysis of the LAS VEGAS study. BMC Anesthesiology, 2021, 21, 84.	0.7	19
67	Instrumental dead space in ventilator management â€” Authors' reply. Lancet Respiratory Medicine,the, 2021, 9, e23.	5.2	4
68	Associations of Body Mass Index with Ventilation Management and Clinical Outcomes in Invasively Ventilated Patients with ARDS Related to COVID-19â€”Insights from the PROVENT-COVID Study. Journal of Clinical Medicine, 2021, 10, 1176.	1.0	16
69	Between-trial heterogeneity in ARDS research. Intensive Care Medicine, 2021, 47, 422-434.	3.9	16
70	Modeling intra-abdominal volume and respiratory driving pressure during pneumoperitoneum insufflationâ€”a patient-level data meta-analysis. Journal of Applied Physiology, 2021, 130, 721-728.	1.2	11
71	Individualized <i>versus</i> Fixed Positive End-expiratory Pressure for Intraoperative Mechanical Ventilation in Obese Patients: A Secondary Analysis. Anesthesiology, 2021, 134, 887-900.	1.3	38
72	Remote-Controlled and Pulse Pressureâ€”Guided Fluid Treatment for Adult Patients with Viral Hemorrhagic Fevers. American Journal of Tropical Medicine and Hygiene, 2021, 104, 1172-1175.	0.6	4

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73	Quantifying the Effect of Lower vs Higher Positive End-Expiratory Pressure on Ventilator-Free Survival in ICU Patientsâ€”Reply. JAMA - Journal of the American Medical Association, 2021, 325, 1567.	3.8	0
74	Ventilation management in acute respiratory failure related to COVID-19 versus ARDS from another origin â€” a descriptive narrative review. Expert Review of Respiratory Medicine, 2021, 15, 1013-1023.	1.0	2
75	How to monitor cardiovascular function in critical illness in resource-limited settings. Current Opinion in Critical Care, 2021, 27, 274-281.	1.6	4
76	Integrative Transkingdom Analysis of the Gut Microbiome in Antibiotic Perturbation and Critical Illness. MSystems, 2021, 6, .	1.7	35
77	Nebulised heparin for patients on ventilation: implications for COVID-19 pneumonia. Lancet Respiratory Medicine,the, 2021, 9, 321-322.	5.2	2
78	Autoantibodies against type I interferons are associated with multi-organ failure in COVID-19 patients. Intensive Care Medicine, 2021, 47, 704-706.	3.9	93
79	Effect of spontaneous breathing on ventilator-free days in critically ill patientsâ€”an analysis of patients in a large observational cohort. Annals of Translational Medicine, 2021, 9, 783-783.	0.7	1
80	Awake Prone as an Adjunctive Therapy for Refractory Hypoxemia in Non-Intubated Patients with COVID-19 Acute Respiratory Failure: Guidance from an International Group of Healthcare Workers. American Journal of Tropical Medicine and Hygiene, 2021, 104, 1676-1686.	0.6	21
81	Practice of adjunctive treatments in critically ill COVIDâ€”19 patientsâ€”rational for the multicenter observational PROACT-COVID study in The Netherlands. Annals of Translational Medicine, 2021, 9, 813-813.	0.7	6
82	Intracellular expression of granzymes A, B, K and M in blood lymphocyte subsets of critically ill patients with or without sepsis. Clinical and Experimental Immunology, 2021, 205, 222-231.	1.1	0
83	Clinical features and prognostic factors in Covid-19: A prospective cohort study. EBioMedicine, 2021, 67, 103378.	2.7	79
84	Intramuscular adipose tissue at level Th12 is associated with survival in COVIDâ€”19. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 823-827.	2.9	15
85	Accuracy of the Radiographic Assessment of Lung Edema Score for the Diagnosis of ARDS. Frontiers in Physiology, 2021, 12, 672823.	1.3	17
86	Dead space estimates may not be independently associated with 28-day mortality in COVID-19 ARDS. Critical Care, 2021, 25, 171.	2.5	20
87	Plasma Ferritin as Marker of Macrophage Activation-Like Syndrome in Critically Ill Patients With Community-Acquired Pneumonia. Critical Care Medicine, 2021, 49, 1901-1911.	0.4	7
88	Ventilation During Cardiopulmonary Bypass. Chest, 2021, 159, 1703-1705.	0.4	2
89	Effects of Lung Ultrasonography-Guided Management on Cumulative Fluid Balance and Other Clinical Outcomes: A Systematic Review. Ultrasound in Medicine and Biology, 2021, 47, 1163-1171.	0.7	5
90	Assessment of the Effect of Recruitment Maneuver on Lung Aeration Through Imaging Analysis in Invasively Ventilated Patients: A Systematic Review. Frontiers in Physiology, 2021, 12, 666941.	1.3	9

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91	Induced normothermia ameliorates the procoagulant host response in human endotoxaemia. <i>British Journal of Anaesthesia</i> , 2021, 126, 1111-1118.	1.5	3
92	Intraoperative protective ventilation in patients undergoing major neurosurgical interventions: a randomized clinical trial. <i>BMC Anesthesiology</i> , 2021, 21, 184.	0.7	1
93	Higher PEEP for acute respiratory distress syndrome: a Bayesian meta-analysis of randomised clinical trials. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2021, 23, 171-182.	0.0	0
94	How doctors actually (do not) involve families in decisions to continue or discontinue life-sustaining treatment in neonatal, pediatric, and adult intensive care: A qualitative study. <i>Palliative Medicine</i> , 2021, 35, 1865-1877.	1.3	15
95	Head-to-head validation of six immunoassays for SARS-CoV-2 in hospitalized patients. <i>Journal of Clinical Virology</i> , 2021, 139, 104821.	1.6	10
96	Case Studies in Physiology: Physiological and clinical effects of temporary diaphragm pacing in two patients with ventilator-induced diaphragm dysfunction. <i>Journal of Applied Physiology</i> , 2021, 130, 1736-1742.	1.2	4
97	The Legend of the Buffalo Chest. <i>Chest</i> , 2021, 160, 2275-2282.	0.4	10
98	Assessment of Lung Reaeration at 2 Levels of Positive End-expiratory Pressure in Patients With Early and Late COVID-19-related Acute Respiratory Distress Syndrome. <i>Journal of Thoracic Imaging</i> , 2021, 36, 286-293.	0.8	10
99	Biological Subphenotypes of Acute Respiratory Distress Syndrome Show Prognostic Enrichment in Mechanically Ventilated Patients without Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1503-1511.	2.5	43
100	Association Between an Increase in Serum Sodium and In-Hospital Mortality in Critically Ill Patients. <i>Critical Care Medicine</i> , 2021, Publish Ahead of Print, 2070-2079.	0.4	9
101	Airway Care Interventions for Invasively Ventilated Critically Ill Adults—A Dutch National Survey. <i>Journal of Clinical Medicine</i> , 2021, 10, 3381.	1.0	3
102	Association of early positive end-expiratory pressure settings with ventilator-free days in patients with coronavirus disease 2019 acute respiratory distress syndrome. <i>European Journal of Anaesthesiology</i> , 2021, Publish Ahead of Print, 1274-1283.	0.7	7
103	High Mobility Group Box 1 and Interleukin 6 at Intensive Care Unit Admission as Biomarkers in Critically Ill COVID-19 Patients. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 73-80.	0.6	36
104	Personalized mechanical ventilation in acute respiratory distress syndrome. <i>Critical Care</i> , 2021, 25, 250.	2.5	97
105	The circulatory small non-coding RNA landscape in community-acquired pneumonia on intensive care unit admission. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7621-7630.	1.6	3
106	Impact of sex on use of low tidal volume ventilation in invasively ventilated ICU patients—A mediation analysis using two observational cohorts. <i>PLoS ONE</i> , 2021, 16, e0253933.	1.1	14
107	Association of intensity of ventilation with 28-day mortality in COVID-19 patients with acute respiratory failure: insights from the PROVENT-COVID study. <i>Critical Care</i> , 2021, 25, 283.	2.5	22
108	Sedation in critically ill patients: will the vaporiser replace the syringe?. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1205-1207.	5.2	4

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109	Diagnosis of acute respiratory distress syndrome (DARTS) by bedside exhaled breath octane measurements in invasively ventilated patients: protocol of a multicentre observational cohort study. <i>Annals of Translational Medicine</i> , 2021, 9, 1262-1262.	0.7	9
110	Ultrasound versus Computed Tomography Assessment of Focal Lung Aeration in Invasively Ventilated ICU Patients. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2589-2597.	0.7	10
111	Lung Ultrasound Assessment of Focal and Non-focal Lung Morphology in Patients With Acute Respiratory Distress Syndrome. <i>Frontiers in Physiology</i> , 2021, 12, 730857.	1.3	18
112	Effects of Body Position and Hypovolemia on the Regional Distribution of Pulmonary Perfusion During One-Lung Ventilation in Endotoxemic Pigs. <i>Frontiers in Physiology</i> , 2021, 12, 717269.	1.3	3
113	Association between delay in intensive care unit admission and the host response in patients with community-acquired pneumonia. <i>Annals of Intensive Care</i> , 2021, 11, 142.	2.2	7
114	Imatinib in patients with severe COVID-19: a randomised, double-blind, placebo-controlled, clinical trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 957-968.	5.2	83
115	Battling COVID-19-related mortality: from a fight for ventilators to a cry for oxygen. <i>Lancet Respiratory Medicine</i> , 2021, 9, 939-941.	5.2	7
116	Mortality associated with early changes in ARDS severity in COVID-19 patients – Insights from the PROVENT-COVID study. <i>Journal of Critical Care</i> , 2021, 65, 237-245.	1.0	4
117	The effects of preoperative moderate to severe anaemia on length of hospital stay. <i>European Journal of Anaesthesiology</i> , 2021, 38, 571-581.	0.7	4
118	Mechanical ventilation of the healthy lungs: lessons learned from recent trials. <i>Current Opinion in Critical Care</i> , 2021, 27, 55-59.	1.6	6
119	Systematic review of diagnostic methods for acute respiratory distress syndrome. <i>ERJ Open Research</i> , 2021, 7, 00504-2020.	1.1	6
120	Effects of Different Levels of Variability and Pressure Support Ventilation on Lung Function in Patients With Mild-to-Moderate Acute Respiratory Distress Syndrome. <i>Frontiers in Physiology</i> , 2021, 12, 725738.	1.3	1
121	Incidence and Practice of Early Prone Positioning in Invasively Ventilated COVID-19 Patients – Insights from the PROVENT-COVID Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4783.	1.0	18
122	Longitudinal respiratory subphenotypes in patients with COVID-19-related acute respiratory distress syndrome: results from three observational cohorts. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1377-1386.	5.2	71
123	Development and characterization of a new swine model of invasive pneumococcal pneumonia. <i>Lab Animal</i> , 2021, 50, 327-335.	0.2	2
124	A Lower Global Lung Ultrasound Score Is Associated with Higher Likelihood of Successful Extubation in Invasively Ventilated COVID-19 Patients. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 1490-1497.	0.6	6
125	Caring for Hospitalized COVID-19 Patients: From Hypes and Hopes to Doing the Simple Things First. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	0.6	1
126	1275: SeptiCyte® RAPID in Sepsis Cases With Malignancy or Treated With Antineoplastics/Immunosuppressants. <i>Critical Care Medicine</i> , 2021, 49, 643-643.	0.4	5

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127	HIVEP1 Is a Negative Regulator of NF- κ B That Inhibits Systemic Inflammation in Sepsis. <i>Frontiers in Immunology</i> , 2021, 12, 744358.	2.2	5
128	Effectiveness, efficacy and safety of INTELLiVENT-ASV, a closed-loop ventilation mode for ICU patients - a systematic review. , 2021, , .		0
129	Development and validation of a point of care breath test for octane detection. , 2021, , .		0
130	Effects of tidal volume and PEEP on myocardial performance in ICU patients without ARDS. , 2021, , .		0
131	Rapid Validation of a Turbine-based Ventilator for Invasive and Non-invasive Ventilation - The Acute-19 Ventilator. , 2021, , .		0
132	Associations of BMI with ventilation management and outcomes in COVID-19 ARDS patients. , 2021, , .		0
133	Lung ultrasound aeration score for prognostication in invasively ventilated COVID-19 patients: multicenter observational study. , 2021, , .		2
134	Mechanical Power Correlates With Lung Inflammation Assessed by Positron-Emission Tomography in Experimental Acute Lung Injury in Pigs. <i>Frontiers in Physiology</i> , 2021, 12, 717266.	1.3	8
135	Effect of INTELLiVENT-ASV versus Conventional Ventilation on Ventilation Intensity in Patients with COVID-19 ARDS- An Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5409.	1.0	11
136	Association of Time-Varying Intensity of Ventilation With Mortality in Patients With COVID-19 ARDS: Secondary Analysis of the PRoVENT-COVID Study. <i>Frontiers in Medicine</i> , 2021, 8, 725265.	1.2	5
137	The Prognostic Capacity of the Radiographic Assessment for Lung Edema Score in Patients With COVID-19 Acute Respiratory Distress Syndrome- An International Multicenter Observational Study. <i>Frontiers in Medicine</i> , 2021, 8, 772056.	1.2	9
138	Sex Differences in Use of Low Tidal Volume Ventilation in COVID-19- Insights From the PRoVENT-COVID Study. <i>Frontiers in Medicine</i> , 2021, 8, 780005.	1.2	3
139	Early Prediction of Intensive Care Unit-Acquired Weakness: A Multicenter External Validation Study. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 595-605.	1.3	16
140	Changes in ventilator settings and ventilation-induced lung injury in burn patients- A systematic review. <i>Burns</i> , 2020, 46, 762-770.	1.1	7
141	Potential of Parameters of Iron Metabolism for the Diagnosis of Anemia of Inflammation in the Critically Ill. <i>Transfusion Medicine and Hemotherapy</i> , 2020, 47, 61-67.	0.7	3
142	Reduced Cardiac Index Reserve and Hypovolemia in Severe Falciparum Malaria. <i>Journal of Infectious Diseases</i> , 2020, 221, 1518-1527.	1.9	7
143	The Effects of Escalation of Respiratory Support and Prolonged Invasive Ventilation on Outcomes of Cardiac Surgical Patients: A Retrospective Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1226-1234.	0.6	7
144	Opinions and Management of Hypothermic Sepsis: Results from an Online Survey. <i>Therapeutic Hypothermia and Temperature Management</i> , 2020, 10, 102-105.	0.3	4

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145	Pulmonary levels of biomarkers for inflammation and lung injury in protective versus conventional one-lung ventilation for oesophagectomy. <i>European Journal of Anaesthesiology</i> , 2020, 37, 1040-1049.	0.7	11
146	Tenascin C Plasma Levels in Critically Ill Patients with or Without Sepsis: A Multicenter Observational Study. <i>Shock</i> , 2020, 54, 62-69.	1.0	11
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274	Late Breaking Abstract - Effects of a fully automated vs conventional ventilation on ventilator settings during postoperative ventilation in cardiac surgery patients: a randomized clinical. , 2019, , .		0
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448	LSC Abstract " Identification of distinct biological phenotypes of ARDS by cluster analysis and association with mortality. , 2016, , .		0
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464	Association between Maturation and Aging and Pulmonary Responses in Animal Models of Lung Injury. <i>Anesthesiology</i> , 2015, 123, 389-408.	1.3	32
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470	Endogenous tissue factor pathway inhibitor has a limited effect on host defence in murine pneumococcal pneumonia. <i>Thrombosis and Haemostasis</i> , 2015, 114, 115-122.	1.8	5
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508	Myeloid-related protein-8/14 facilitates bacterial growth during pneumococcal pneumonia. <i>Thorax</i> , 2014, 69, 1034-1042.	2.7	36
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539	High versus low positive end-expiratory pressure during general anaesthesia for open abdominal surgery (PROVHILLO trial): a multicentre randomised controlled trial. <i>Lancet, The</i> , 2014, 384, 495-503.	6.3	544
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562	Traumatic Brain Injury in Rats Induces Lung Injury and Systemic Immune Suppression. <i>Journal of Neurotrauma</i> , 2013, 30, 2073-2079.	1.7	41
563	Protective Mechanical Ventilation during General Anesthesia for Open Abdominal Surgery Improves Postoperative Pulmonary Function. <i>Anesthesiology</i> , 2013, 118, 1307-1321.	1.3	416
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567	Alterations in exhaled breath metabolite-mixtures in two rat models of lipopolysaccharide-induced lung injury. <i>Journal of Applied Physiology</i> , 2013, 115, 1487-1495.	1.2	33
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570	High Levels of S100A8/A9 Proteins Aggravate Ventilator-Induced Lung Injury via TLR4 Signaling. <i>PLoS ONE</i> , 2013, 8, e68694.	1.1	45
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584	Mild hypothermia reduces ventilator-induced lung injury, irrespective of reducing respiratory rate. <i>Translational Research</i> , 2012, 159, 110-117.	2.2	21
585	The influence of rewarming after therapeutic hypothermia on outcome after cardiac arrest. <i>Resuscitation</i> , 2012, 83, 996-1000.	1.3	68
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587	Evaluation of consulting and critiquing decision support systems: Effect on adherence to a lower tidal volume mechanical ventilation strategy. <i>Journal of Critical Care</i> , 2012, 27, 425.e1-425.e8.	1.0	19
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590	Recommendations for sepsis management in resource-limited settings. <i>Intensive Care Medicine</i> , 2012, 38, 557-574.	3.9	143
591	Point of care ultrasound for sepsis management in resource-limited settings: response to Via et al.. <i>Intensive Care Medicine</i> , 2012, 38, 1408-1409.	3.9	1
592	The effect of blood transfusion on pulmonary permeability in cardiac surgery patients: a prospective multicenter cohort study. <i>Transfusion</i> , 2012, 52, 82-90.	0.8	33
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601	Bench-to-bedside review: Damage-associated molecular patterns in the onset of ventilator-induced lung injury. <i>Critical Care</i> , 2011, 15, 235.	2.5	97
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603	Antibiotics or probiotics as preventive measures against ventilator-associated pneumonia: a literature review. <i>Critical Care</i> , 2011, 15, R18.	2.5	32
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605	Nebulised Heparin Is Associated With Fewer Days Of Mechanical Ventilation In Critically Ill Patients: A Randomised Controlled Trial. , 2011, , .		2
606	Nebulized Anticoagulants Limit Coagulopathy But Not Inflammation in <i>Pseudomonas aeruginosa</i> -Induced Pneumonia in Rats. <i>Shock</i> , 2011, 36, 417-423.	1.0	13
607	Pulmonary Activation of Coagulation and Inhibition of Fibrinolysis After Burn Injuries and Inhalation Trauma. <i>Journal of Trauma</i> , 2011, 70, 1389-1397.	2.3	39
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611	Prone or PEEP, PEEP and prone. <i>Intensive Care Medicine</i> , 2011, 37, 366-367.	3.9	3
612	Serum and urine cystatin C are poor biomarkers for acute kidney injury and renal replacement therapy. <i>Intensive Care Medicine</i> , 2011, 37, 493-501.	3.9	92

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615	Is Critical Illness Neuromyopathy and Duration of Mechanical Ventilation Decreased by Strict Glucose Control?. <i>Neurocritical Care</i> , 2011, 14, 475-481.	1.2	10
616	Laboratory prediction of the requirement for renal replacement in acute falciparum malaria. <i>Malaria Journal</i> , 2011, 10, 217.	0.8	26
617	Central venous catheter use in severe malaria: time to reconsider the World Health Organization guidelines?. <i>Malaria Journal</i> , 2011, 10, 342.	0.8	13
618	Mild hypoglycemia is strongly associated with increased intensive care unit length of stay. <i>Annals of Intensive Care</i> , 2011, 1, 49.	2.2	60
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