

Huaiwu He

List of Publications by Year in descending order

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434
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#	ARTICLE	IF	CITATIONS
1	Using Procalcitonin to Guide Antibiotic Escalation in Patients With Suspected Bacterial Infection: A New Application of Procalcitonin in the Intensive Care Unit. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 844134.	1.8	2
2	Prevalence and prognosis of respiratory pendelluft phenomenon in mechanically ventilated ICU patients with acute respiratory failure: a retrospective cohort study. <i>Annals of Intensive Care</i> , 2022, 12, 22.	2.2	17
3	Association Between Different DVT Prevention Methods and Outcomes of Septic Shock Caused by Intestinal Perforation in China: A Cross-Sectional Study. <i>Frontiers in Medicine</i> , 2022, 9, 878075.	1.2	2
4	A simple method of mechanical power calculation: using mean airway pressure to replace plateau pressure. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1139-1147.	0.7	8
5	The effect of blood transfusion on sublingual microcirculation in critically ill patients: A scoping review. <i>Microcirculation</i> , 2021, 28, e12666.	1.0	1
6	Rapid dynamic bedside assessment of pulmonary perfusion defect by electrical impedance tomography in a patient with acute massive pulmonary embolism. <i>Pulmonary Circulation</i> , 2021, 11, 1-3.	0.8	7
7	Is the Recruited Lung Volume Underestimated in Presence of Overdistension?. <i>Critical Care Medicine</i> , 2021, 49, e206-e207.	0.4	1
8	Compliance with the Surviving Sepsis Campaign guideline 1-hour bundle for septic shock in China in 2018. <i>Annals of Translational Medicine</i> , 2021, 9, 278-278.	0.7	8
9	Analysis of structure indicators influencing 3-h and 6-h compliance with the surviving sepsis campaign guidelines in China: a systematic review. <i>European Journal of Medical Research</i> , 2021, 26, 27.	0.9	3
10	Effect of norepinephrine challenge on cardiovascular determinants assessed using a mathematical model in septic shock: a physiological study. <i>Annals of Translational Medicine</i> , 2021, 9, 561-561.	0.7	3
11	Acute hyperventilation increases oxygen consumption and decreases peripheral tissue perfusion in critically ill patients. <i>Journal of Critical Care</i> , 2021, 66, 148-153.	1.0	3
12	Early individualized positive end-expiratory pressure guided by electrical impedance tomography in acute respiratory distress syndrome: a randomized controlled clinical trial. <i>Critical Care</i> , 2021, 25, 230.	2.5	38
13	ECCO2R in 12 COVID-19 ARDS Patients With Extremely Low Compliance and Refractory Hypercapnia. <i>Frontiers in Medicine</i> , 2021, 8, 654658.	1.2	6
14	Shock in China 2018 (SIC-study): a cross-sectional survey. <i>Annals of Translational Medicine</i> , 2021, 9, 1219-1219.	0.7	3
15	Three broad classifications of acute respiratory failure etiologies based on regional ventilation and perfusion by electrical impedance tomography: a hypothesis-generating study. <i>Annals of Intensive Care</i> , 2021, 11, 134.	2.2	21
16	Using Machine Learning Algorithms to Predict Candidaemia in ICU Patients With New-Onset Systemic Inflammatory Response Syndrome. <i>Frontiers in Medicine</i> , 2021, 8, 720926.	1.2	11
17	Expert consensus of perioperative intensive care and management of critically ill cancer patients (2021). <i>Annals of Palliative Medicine</i> , 2021, 10, 9331-9341.	0.5	0
18	Twenty-four-hour mechanical power variation rate is associated with mortality among critically ill patients with acute respiratory failure: a retrospective cohort study. <i>BMC Pulmonary Medicine</i> , 2021, 21, 331.	0.8	3

#	ARTICLE	IF	CITATIONS
19	Lung Perfusion Assessment by Bedside Electrical Impedance Tomography in Critically Ill Patients. <i>Frontiers in Physiology</i> , 2021, 12, 748724.	1.3	16
20	The Availability and Safety Study of Remimazolam Besylate for Injection on Sedation of ERAS Patients Under Mechanical Ventilation in ICU: Protocol for a Randomized, Open-Label, Controlled Trial. <i>Frontiers in Medicine</i> , 2021, 8, 735473.	1.2	6
21	Effect of Position Change From the Bed to a Wheelchair on the Regional Ventilation Distribution Assessed by Electrical Impedance Tomography in Patients With Respiratory Failure. <i>Frontiers in Medicine</i> , 2021, 8, 744958.	1.2	5
22	Resistance Index of the Superior Mesenteric Artery: Correlation With Lactate Concentration and Kinetics Prediction After Cardiac Surgery. <i>Frontiers in Medicine</i> , 2021, 8, 762376.	1.2	1
23	PPV May Be a Starting Point to Achieve Circulatory Protective Mechanical Ventilation. <i>Frontiers in Medicine</i> , 2021, 8, 745164.	1.2	1
24	Relationship of relevant factors to P(v-a)CO ₂ /C(a-v)O ₂ ratio in critically ill patients. <i>Journal of International Medical Research</i> , 2020, 48, 030006051985463.	0.4	0
25	Influence of overdistension/recruitment induced by high positive end-expiratory pressure on ventilation-perfusion matching assessed by electrical impedance tomography with saline bolus. <i>Critical Care</i> , 2020, 24, 586.	2.5	27
26	Bilateral dilated nonreactive pupils secondary to rocuronium infusion in an ARDS patient treated with ECMO therapy. <i>Medicine (United States)</i> , 2020, 99, e21819.	0.4	10
27	Detection of Acute Pulmonary Embolism by Electrical Impedance Tomography and Saline Bolus Injection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 881-882.	2.5	18
28	Effect of postextubation high-flow nasal cannula therapy on lung recruitment and overdistension in high-risk patient. <i>Critical Care</i> , 2020, 24, 82.	2.5	23
29	Effects of a national quality improvement program on ICUs in China: a controlled pre-post cohort study in 586 hospitals. <i>Critical Care</i> , 2020, 24, 73.	2.5	14
30	Titration of extra-PEEP against intrinsic-PEEP in severe asthma by electrical impedance tomography. <i>Medicine (United States)</i> , 2020, 99, e20891.	0.4	10
31	Classification of the Gut Microbiota of Patients in Intensive Care Units During Development of Sepsis and Septic Shock. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 696-707.	3.0	29
32	Interpretation of venous-to-arterial carbon dioxide difference in the resuscitation of septic shock patients. <i>Journal of Thoracic Disease</i> , 2019, 11, S1538-S1543.	0.6	11
33	Effects of high PEEP and fluid administration on systemic circulation, pulmonary microcirculation, and alveoli in a canine model. <i>Journal of Applied Physiology</i> , 2019, 127, 40-46.	1.2	8
34	The calculation of mechanical power is not suitable for intra-patient monitoring under pressure-controlled ventilation. <i>Intensive Care Medicine</i> , 2019, 45, 749-750.	3.9	13
35	Oxygen-Flow-Pressure Targets for Resuscitation in Critical Hemodynamic Therapy. <i>Shock</i> , 2018, 49, 15-23.	1.0	15
36	Colloids and the Microcirculation. <i>Anesthesia and Analgesia</i> , 2018, 126, 1747-1754.	1.1	27

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37	Effect of pneumoperitoneum and steep reverse-Trendelenburg position on mean systemic filling pressure, venous return, and microcirculation during esophagectomy. <i>Journal of Thoracic Disease</i> , 2018, 10, 3399-3408.	0.6	8
38	Left ventricular-arterial coupling is associated with prolonged mechanical ventilation in severe post-cardiac surgery patients: an observational study. <i>BMC Anesthesiology</i> , 2018, 18, 184.	0.7	3
39	The Pannexin-1 Channel Inhibitor Probenecid Attenuates Skeletal Muscle Cellular Energy Crisis and Histopathological Injury in a Rabbit Endotoxemia Model. <i>Inflammation</i> , 2018, 41, 2030-2040.	1.7	7
40	The Prognostic Value of Central Venous-to-Arterial CO ₂ Difference/Arterial-Central Venous O ₂ Difference Ratio in Septic Shock Patients with Central Venous O ₂ Saturation $\geq 80\%$. <i>Shock</i> , 2017, 48, 551-557.	1.0	22
41	Understanding the Calculation of Central Venous-to-Arterial CO ₂ Difference/Arterial-Central Venous O ₂ Difference Ratio. <i>Shock</i> , 2017, 48, 690.	1.0	2
42	The pseudo-normalization of the ratio index of the venous-to-arterial CO ₂ tension difference to the arterial-central venous O ₂ difference in hypoxemia combined with a high oxygen consumption condition. <i>Journal of Critical Care</i> , 2017, 40, 305-306.	1.0	6
43	Using Critical Care Chest Ultrasonic Examination in Emergency Consultation: A Pilot Study. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 401-406.	0.7	22
44	The relationship between arterial transducer level and pulse contour waveform-derived measurements. <i>Critical Care</i> , 2015, 19, 31.	2.5	2
45	Fluid bolus therapy is a medical therapy or a diagnostic method?. <i>Critical Care</i> , 2015, 19, 360.	2.5	3
46	Clinical classification of tissue perfusion based on the central venous oxygen saturation and the peripheral perfusion index. <i>Critical Care</i> , 2015, 19, 330.	2.5	55