Yun Long

List of Publications by Year
in descending order

95 papers	1,229 citations	471509 17 h-index	501196 28 g-index
113 all docs	113 docs citations	113 times ranked	1661 citing authors

#	Article	IF	Citations
1	Ursodeoxycholic Acid (UDCA) Reduces Hepatocyte Apoptosis by Inhibiting Farnesoid X Receptor (FXR) in Hemorrhagic Shock (HS). Current Molecular Medicine, 2023, 23, 550-558.	1.3	1
2	Using Procalcitonin to Guide Antibiotic Escalation in Patients With Suspected Bacterial Infection: A New Application of Procalcitonin in the Intensive Care Unit. Frontiers in Cellular and Infection Microbiology, 2022, 12, 844134.	3.9	2
3	Prevalence and prognosis of respiratory pendelluft phenomenon in mechanically ventilated ICU patients with acute respiratory failure: a retrospective cohort study. Annals of Intensive Care, 2022, 12, 22.	4.6	17
4	Establishment and Implementation of Potential Fluid Therapy Balance Strategies for ICU Sepsis Patients Based on Reinforcement Learning. Frontiers in Medicine, 2022, 9, 766447.	2.6	3
5	Association Between Different DVT Prevention Methods and Outcomes of Septic Shock Caused by Intestinal Perforation in China: A Cross-Sectional Study. Frontiers in Medicine, 2022, 9, 878075.	2.6	2
6	A simple method of mechanical power calculation: using mean airway pressure to replace plateau pressure. Journal of Clinical Monitoring and Computing, 2021, 35, 1139-1147.	1.6	8
7	The effect of blood transfusion on sublingual microcirculation in critically ill patients: A scoping review. Microcirculation, 2021, 28, e12666.	1.8	1
8	Effect of nurse-led, goal-directed lung physiotherapy on prognosis of patients with sepsis caused by Acinetobacter baumannii pulmonary infection. International Journal of Infectious Diseases, 2021, 103, 167-172.	3.3	3
9	TREM-1 promoted apoptosis and inhibited autophagy in LPS-treated HK-2 cells through the NF-κB pathway. International Journal of Medical Sciences, 2021, 18, 8-17.	2.5	20
10	Rapid dynamic bedside assessment of pulmonary perfusion defect by electrical impedance tomography in a patient with acute massive pulmonary embolism. Pulmonary Circulation, 2021, 11, 1-3.	1.7	7
11	Current status of China's critical care medicine big data platform and future prospects. Chinese Medical Journal, 2021, 134, 1684-1686.	2.3	0
12	Is the Recruited Lung Volume Underestimated in Presence of Overdistension?. Critical Care Medicine, 2021, 49, e206-e207.	0.9	1
13	Compliance with the Surviving Sepsis Campaign guideline 1-hour bundle for septic shock in China in 2018. Annals of Translational Medicine, 2021, 9, 278-278.	1.7	8
14	Changes in Serum Lactate Level Predict Postoperative Intra-Abdominal Infection After Pancreatic Resection. World Journal of Surgery, 2021, 45, 1877-1886.	1.6	4
15	Analysis of structure indicators influencing 3-h and 6-h compliance with the surviving sepsis campaign guidelines in China: a systematic review. European Journal of Medical Research, 2021, 26, 27.	2.2	3
16	Stepwise lactate kinetics in critically ill patients: prognostic, influencing factors, and clinical phenotype. BMC Anesthesiology, 2021, 21, 86.	1.8	1
17	Noninvasive Real-Time Mortality Prediction in Intensive Care Units Based on Gradient Boosting Method: Model Development and Validation Study. JMIR Medical Informatics, 2021, 9, e23888.	2.6	2
18	Effect of norepinephrine challenge on cardiovascular determinants assessed using a mathematical model in septic shock: a physiological study. Annals of Translational Medicine, 2021, 9, 561-561.	1.7	3

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19	A Clinical Prediction Model to Predict Heparin Treatment Outcomes and Provide Dosage Recommendations: Development and Validation Study. Journal of Medical Internet Research, 2021, 23, e27118.	4.3	6
20	Acute hyperventilation increases oxygen consumption and decreases peripheral tissue perfusion in critically ill patients. Journal of Critical Care, 2021, 66, 148-153.	2.2	3
21	Early individualized positive end-expiratory pressure guided by electrical impedance tomography in acute respiratory distress syndrome: a randomized controlled clinical trial. Critical Care, 2021, 25, 230.	5.8	38
22	Early Prediction of Mortality, Severity, and Length of Stay in the Intensive Care Unit of Sepsis Patients Based on Sepsis 3.0 by Machine Learning Models. Frontiers in Medicine, 2021, 8, 664966.	2.6	23
23	ECCO2R in 12 COVID-19 ARDS Patients With Extremely Low Compliance and Refractory Hypercapnia. Frontiers in Medicine, 2021, 8, 654658.	2.6	6
24	Selection strategy for sedation depth in critically ill patients on mechanical ventilation. BMC Medical Informatics and Decision Making, 2021, 21, 79.	3.0	3
25	Early warning of citric acid overdose and timely adjustment of regional citrate anticoagulation based on machine learning methods. BMC Medical Informatics and Decision Making, 2021, 21, 126.	3.0	9
26	Shock in China 2018 (SIC-study): a cross-sectional survey. Annals of Translational Medicine, 2021, 9, 1219-1219.	1.7	3
27	The Risk Factors for Weaning Failure of Mechanically Ventilated Patients With COVID-19: A Retrospective Study in National Medical Team Work. Frontiers in Medicine, 2021, 8, 678157.	2.6	5
28	Three broad classifications of acute respiratory failure etiologies based on regional ventilation and perfusion by electrical impedance tomography: a hypothesis-generating study. Annals of Intensive Care, 2021, 11, 134.	4.6	21
29	Using Machine Learning Algorithms to Predict Candidaemia in ICU Patients With New-Onset Systemic Inflammatory Response Syndrome. Frontiers in Medicine, 2021, 8, 720926.	2.6	11
30	Expert consensus of perioperative intensive care and management of critically ill cancer patients (2021). Annals of Palliative Medicine, 2021, 10, 9331-9341.	1.2	0
31	Recognizing blood pressure patterns in sedated critically ill patients on mechanical ventilation by spectral clustering. Annals of Translational Medicine, 2021, 9, 1404-1404.	1.7	2
32	Analysis of factors influencing 3-and 6-h compliance with the surviving sepsis campaign guidelines based on medical-quality intensive care unit data from China. Chinese Medical Journal, 2021, 134, 1747-1749.	2.3	5
33	Twenty-four-hour mechanical power variation rate is associated with mortality among critically ill patients with acute respiratory failure: a retrospective cohort study. BMC Pulmonary Medicine, 2021, 21, 331.	2.0	3
34	Retrospective Study of Critically Ill COVID-19 Patients With and Without Extracorporeal Membrane Oxygenation Support in Wuhan, China. Frontiers in Medicine, 2021, 8, 659793.	2.6	8
35	Lung Perfusion Assessment by Bedside Electrical Impedance Tomography in Critically Ill Patients. Frontiers in Physiology, 2021, 12, 748724.	2.8	16
36	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. Frontiers in Medicine, 2021, 8, 735473.	2.6	6

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37	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. Frontiers in Medicine, 2021, 8, 744958.	2.6	5
38	Resistance Index of the Superior Mesenteric Artery: Correlation With Lactate Concentration and Kinetics Prediction After Cardiac Surgery. Frontiers in Medicine, 2021, 8, 762376.	2.6	1
39	PPV May Be a Starting Point to Achieve Circulatory Protective Mechanical Ventilation. Frontiers in Medicine, 2021, 8, 745164.	2.6	1
40	Changes of farnesoid X receptor and Takeda Gâ€‘protein coupled receptor 5 following biliary tract external drainage in hemorrhagic shock. Experimental and Therapeutic Medicine, 2021, 23, 163.	1.8	0
41	Relationship of relevant factors to P(v-a)CO2/C(a-v)O2 ratio in critically ill patients. Journal of International Medical Research, 2020, 48, 030006051985463.	1.0	0
42	Influence of overdistension/recruitment induced by high positive end-expiratory pressure on ventilationâ€"perfusion matching assessed by electrical impedance tomography with saline bolus. Critical Care, 2020, 24, 586.	5.8	27
43	Bilateral dilated nonreactive pupils secondary to rocuronium infusion in an ARDS patient treated with ECMO therapy. Medicine (United States), 2020, 99, e21819.	1.0	10
44	Cross-sectional study for the clinical application of extracorporeal membrane oxygenation in Mainland China, 2018. Critical Care, 2020, 24, 554.	5.8	10
45	Fluctuations of driving pressure during mechanical ventilation indicates elevated central venous pressure and poor outcomes. Pulmonary Circulation, 2020, 10, 1-8.	1.7	2
46	Five novel clinical phenotypes for critically ill patients with mechanical ventilation in intensive care units: a retrospective and multi database study. Respiratory Research, 2020, 21, 325.	3.6	15
47	Pulmonary hypertension with adult respiratory distress syndrome: prevalence, clinical impact, and association with central venous pressure. Pulmonary Circulation, 2020, 10, 1-8.	1.7	8
48	Detection of Acute Pulmonary Embolism by Electrical Impedance Tomography and Saline Bolus Injection. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 881-882.	5.6	18
49	Effects of a national quality improvement program on ICUs in China: a controlled pre-post cohort study in 586 hospitals. Critical Care, 2020, 24, 73.	5.8	14
50	Clinical Multi-Omics Study on the Gut Microbiota in Critically Ill Patients After Cardiovascular Surgery Combined With Cardiopulmonary Bypass With or Without Sepsis (MUL-GM-CSCPB Study): A Prospective Study Protocol. Frontiers in Medicine, 2020, 7, 269.	2.6	8
51	Titration of extra-PEEP against intrinsic-PEEP in severe asthma by electrical impedance tomography. Medicine (United States), 2020, 99, e20891.	1.0	10
52	Effects of Quality Control Targets (SpO2â‰¥100%, PaCO2/<40 mmHg, Pmean/>10 cmH2O) on Outcomes in Patients in the ICU. Frontiers in Medicine, 2020, 7, 111.	2.6	4
53	Evaluation of the Secondary Transmission Pattern and Epidemic Prediction of COVID-19 in the Four Metropolitan Areas of China. Frontiers in Medicine, 2020, 7, 171.	2.6	30
54	Classification of the Gut Microbiota of Patients in Intensive Care Units During Development of Sepsis and Septic Shock. Genomics, Proteomics and Bioinformatics, 2020, 18, 696-707.	6.9	29

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55	Outcomes of VA-ECMO with and without Left Centricular (LV) Decompression Using Intra-Aortic Balloon Pumping (IABP) versus Other LV Decompression Techniques: A Systematic Review and Meta-Analysis. Medical Science Monitor, 2020, 26, e924009.	1.1	7
56	Toward Optimal Heparin Dosing by Comparing Multiple Machine Learning Methods: Retrospective Study. JMIR Medical Informatics, 2020, 8, e17648.	2.6	17
57	Ursodeoxycholic Acid (UDCA) Promotes Lactate Metabolism in Mouse Hepatocytes through Cholic Acid (CA) - Farnesoid X Receptor (FXR) Pathway. Current Molecular Medicine, 2020, 20, 661-666.	1.3	1
58	Role of the mTOR Signalling Pathway in Human Sepsis-Induced Myocardial Dysfunction. Canadian Journal of Cardiology, 2019, 35, 875-883.	1.7	15
59	Interpretation of venous-to-arterial carbon dioxide difference in the resuscitation of septic shock patients. Journal of Thoracic Disease, 2019, 11, S1538-S1543.	1.4	11
60	T-cell-specific mTOR deletion in mice ameliorated CD4+ T-cell survival in lethal sepsis induced by severe invasive candidiasis. Virulence, 2019, 10, 892-901.	4.4	12
61	Central Venous Pressure (CVP) Reduction Associated With Higher Cardiac Output (CO) Favors Good Prognosis of Circulatory Shock: A Single-Center, Retrospective Cohort Study. Frontiers in Medicine, 2019, 6, 216.	2.6	10
62	Effects of high PEEP and fluid administration on systemic circulation, pulmonary microcirculation, and alveoli in a canine model. Journal of Applied Physiology, 2019, 127, 40-46.	2.5	8
63	Role of vimentin in modulating immune cell apoptosis and inflammatory responses in sepsis. Scientific Reports, 2019, 9, 5747.	3.3	40
64	The calculation of mechanical power is not suitable for intra-patient monitoring under pressure-controlled ventilation. Intensive Care Medicine, 2019, 45, 749-750.	8.2	13
65	Translation and validation of the Tibetan confusion assessment method for the intensive care unit. Chinese Medical Journal, 2019, 132, 1154-1158.	2.3	4
66	Resuscitation incoherence and dynamic circulation-perfusion coupling in circulatory shock. Chinese Medical Journal, 2019, 132, 1218-1227.	2.3	4
67	The Effect of Mechanical Ventilation on Peripheral Perfusion Index and Its Association With the Prognosis of Critically Ill Patients. Critical Care Medicine, 2019, 47, 685-690.	0.9	19
68	Prospective evaluation of lymphocyte subtyping for the diagnosis of invasive candidiasis in non-neutropenic critically ill patients. International Journal of Infectious Diseases, 2019, 78, 140-147.	3.3	5
69	Left ventricular-arterial coupling is associated with prolonged mechanical ventilation in severe post-cardiac surgery patients: an observational study. BMC Anesthesiology, 2018, 18, 184.	1.8	3
70	P(v-a)CO2/C(a-v)O2-directed resuscitation does not improve prognosis compared with SvO2 in severe sepsis and septic shock: A prospective multicenter randomized controlled clinical study. Journal of Critical Care, 2018, 48, 314-320.	2.2	13
71	Accelerated Autophagy of Cecal Ligation and Puncture-Induced Myocardial Dysfunction and Its Correlation with Mammalian Target of Rapamycin Pathway in Rats. Chinese Medical Journal, 2018, 131, 1185-1190.	2.3	4
72	Inhibition of the mTOR Pathway Exerts Cardioprotective Effects Partly through Autophagy in CLP Rats. Mediators of Inflammation, 2018, 2018, 1-9.	3.0	22

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73	The Pannexin-1 Channel Inhibitor Probenecid Attenuates Skeletal Muscle Cellular Energy Crisis and Histopathological Injury in a Rabbit Endotoxemia Model. Inflammation, 2018, 41, 2030-2040.	3.8	7
74	Use of stepwise lactate kinetics-oriented hemodynamic therapy could improve the clinical outcomes of patients with sepsis-associated hyperlactatemia. Critical Care, 2017, 21, 33.	5.8	39
75	Elevated Mean Airway Pressure and Central Venous Pressure in the First Day of Mechanical Ventilation Indicated Poor Outcome. Critical Care Medicine, 2017, 45, e485-e492.	0.9	28
76	The authors reply. Critical Care Medicine, 2017, 45, e1204-e1205.	0.9	0
77	The authors reply. Critical Care Medicine, 2017, 45, e739-e740.	0.9	1
78	Monitoring Changes in Hepatic Venous Velocities Flow after a Fluid Challenge Can Identify Shock Patients Who Lack Fluid Responsiveness. Chinese Medical Journal, 2017, 130, 1202-1210.	2.3	9
79	Role of Triggering Receptor Expressed on Myeloid Cell-1 Expression in Mammalian Target of Rapamycin Modulation of CD8+ T-cell Differentiation during the Immune Response to Invasive Pulmonary Aspergillosis. Chinese Medical Journal, 2017, 130, 1211-1217.	2.3	10
80	Efficacy and Safety of Esmolol in Treatment of Patients with Septic Shock. Chinese Medical Journal, 2016, 129, 1658-1665.	2.3	20
81	Role of sTREM-1 in predicting mortality of infection: a systematic review and meta-analysis. BMJ Open, 2016, 6, e010314.	1.9	50
82	Respiratory and Cardiac Characteristics of ICU Patients Aged 90 Years and Older: A Report of 12 Cases. Chinese Medical Sciences Journal, 2016, 31, 37-42.	0.4	1
83	Diagnosis of Sepsis with Cell-free DNA by Next-Generation Sequencing Technology in ICU Patients. Archives of Medical Research, 2016, 47, 365-371.	3.3	168
84	Chaetomium atrobrunneum and Aspergillus fumigatus in multiple tracheal aspirates: Copathogens or symbiosis. Journal of Microbiology, Immunology and Infection, 2016, 49, 281-285.	3.1	9
85	High central venous-to-arterial CO2 difference/arterial-central venous O2 difference ratio is associated with poor lactate clearance in septic patients after resuscitation. Journal of Critical Care, 2016, 31, 76-81.	2.2	50
86	Prognostic value of extravascular lung water and its potential role in guiding fluid therapy in septic shock after initial resuscitation. Journal of Critical Care, 2016, 33, 106-113.	2.2	25
87	The effect of variable arterial transducer level on the accuracy of pulse contour waveform-derived measurements in critically ill patients. Journal of Clinical Monitoring and Computing, 2016, 30, 569-575.	1.6	6
88	Rapid Detection and Identification of Infectious Pathogens Based on High-throughput Sequencing. Chinese Medical Journal, 2015, 128, 877-883.	2.3	14
89	Dexamethasone Suppressed LPS-Induced Matrix Metalloproteinase and Its Effect on Endothelial Glycocalyx Shedding. Mediators of Inflammation, 2015, 2015, 1-8.	3.0	49
90	Use of Lung Ultrasound to Assess the Efficacy of an Alveolar Recruitment Maneuver in Rabbits With Acute Respiratory Distress Syndrome. Journal of Ultrasound in Medicine, 2015, 34, 2209-2215.	1.7	10

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91	The relationship between arterial transducer level and pulse contour waveform-derived measurements. Critical Care, 2015, 19, 31.	5.8	2
92	Clinical classification of tissue perfusion based on the central venous oxygen saturation and the peripheral perfusion index. Critical Care, 2015, 19, 330.	5.8	55
93	Mind the influence of arterial oxygen tension on central venous oxygen saturation. Critical Care, 2014, 18, 569.	5.8	3
94	Bloodstream Infection with Carbapenem-resistant Klebsiella Pneumoniae and Multidrug-resistant Acinetobacter Baumannii: a Case Report. Chinese Medical Sciences Journal, 2014, 29, 51-54.	0.4	6
95	Altered CD8(+) T-cell counts as an early predictor of prognosis in critically ill immunocompromised patients with invasive pulmonary aspergillosis. Chinese Medical Journal, 2014, 127, 36-42.	2.3	1