

Da-wei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

1,465
citations

448610

19
h-index

511568

30
g-index

150
all docs

150
docs citations

150
times ranked

2036
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum NLRP3: A biomarker for identifying high-risk septic patients. <i>Cytokine</i> , 2022, 149, 155725.	1.4	13
2	Association between hospital and ICU structural factors and patient outcomes in China: a secondary analysis of the National Clinical Improvement System Data in 2019. <i>Critical Care</i> , 2022, 26, 24.	2.5	10
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	Assessing a novel critical care ultrasonography training program for intensive care unit nurses in China. <i>Chinese Medical Journal</i> , 2022, Publish Ahead of Print, .	0.9	0
5	TREM-1 promoted apoptosis and inhibited autophagy in LPS-treated HK-2 cells through the NF- κ B pathway. <i>International Journal of Medical Sciences</i> , 2021, 18, 8-17.	1.1	20
6	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
7	The effects of UCP2 on autophagy through the AMPK signaling pathway in septic cardiomyopathy and the underlying mechanism. <i>Annals of Translational Medicine</i> , 2021, 9, 259-259.	0.7	16
8	Vimentin regulation of autophagy activation in lung fibroblasts in response to lipopolysaccharide exposure in vitro. <i>Annals of Translational Medicine</i> , 2021, 9, 304-304.	0.7	5
9	Plasma mitochondrial DNA levels are associated with acute lung injury and mortality in septic patients. <i>BMC Pulmonary Medicine</i> , 2021, 21, 66.	0.8	12
10	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
11	Stepwise lactate kinetics in critically ill patients: prognostic, influencing factors, and clinical phenotype. <i>BMC Anesthesiology</i> , 2021, 21, 86.	0.7	1
12	From critical care nephrology to critical care blood purification. <i>Journal of Translational Internal Medicine</i> , 2021, 9, 4-7.	1.0	6
13	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
14	Prognostic Significance of the Fission1/Parkin Ratio for Sepsis: A Prospective Cohort Study. <i>Frontiers in Medicine</i> , 2021, 8, 642749.	1.2	1
15	Prognostic Value of Tricuspid Annular Plane Systolic Excursion and Right Ventricular Outflow Tract Fractional Shortening in Mechanically Ventilated Septic Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1670-1677.	0.6	2
16	Prevalence and prognostic value of various types of right ventricular dysfunction in mechanically ventilated septic patients. <i>Annals of Intensive Care</i> , 2021, 11, 108.	2.2	11
17	Shock in China 2018 (SIC-study): a cross-sectional survey. <i>Annals of Translational Medicine</i> , 2021, 9, 1219-1219.	0.7	3
18	Acute respiratory distress syndrome: focusing on secondary injury. <i>Chinese Medical Journal</i> , 2021, 134, 2017-2024.	0.9	3

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19	Hemodynamic Influences on Mesenteric Blood Flow in Shock Conditions. American Journal of the Medical Sciences, 2021, 362, 243-251.	0.4	3
20	Serum Mitochondrial Quality Control Related Biomarker Levels are Associated with Organ Dysfunction in Septic Patients. Shock, 2021, 56, 412-418.	1.0	3
21	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.	0.9	5
22	Negative central venous to arterial lactate gradient in patients receiving vasopressors is associated with higher ICU 30-day mortality: a retrospective cohort study. BMC Anesthesiology, 2021, 21, 25.	0.7	1
23	Retrospective Study of Critically Ill COVID-19 Patients With and Without Extracorporeal Membrane Oxygenation Support in Wuhan, China. Frontiers in Medicine, 2021, 8, 659793.	1.2	8
24	Resistance Index of the Superior Mesenteric Artery: Correlation With Lactate Concentration and Kinetics Prediction After Cardiac Surgery. Frontiers in Medicine, 2021, 8, 762376.	1.2	1
25	PPV May Be a Starting Point to Achieve Circulatory Protective Mechanical Ventilation. Frontiers in Medicine, 2021, 8, 745164.	1.2	1
26	Hemodynamic characteristics and early warnings in very old patients.. American Journal of Translational Research (discontinued), 2021, 13, 13310-13320.	0.0	0
27	Invasive Fungal Disease in Critically Ill Patients at High Risk: Usefulness of Lymphocyte Subtyping. Journal of Intensive Care Medicine, 2020, 35, 909-918.	1.3	4
28	Relationship of relevant factors to P(v-a)CO ₂ /C(a-v)O ₂ ratio in critically ill patients. Journal of International Medical Research, 2020, 48, 030006051985463.	0.4	0
29	Microcirculation-guided protection strategy in hemodynamic therapy. Clinical Hemorheology and Microcirculation, 2020, 75, 243-253.	0.9	10
30	Nurse-performed ultrasound: a new weapon against COVID-19. Critical Care, 2020, 24, 430.	2.5	12
31	Cross-sectional study for the clinical application of extracorporeal membrane oxygenation in Mainland China, 2018. Critical Care, 2020, 24, 554.	2.5	10
32	Changes in perfusion can detect changes in the cardiac index in patients with septic shock. Journal of International Medical Research, 2020, 48, 030006052093167.	0.4	11
33	Fluctuations of driving pressure during mechanical ventilation indicates elevated central venous pressure and poor outcomes. Pulmonary Circulation, 2020, 10, 1-8.	0.8	2
34	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.	1.4	15
35	Pulmonary hypertension with adult respiratory distress syndrome: prevalence, clinical impact, and association with central venous pressure. Pulmonary Circulation, 2020, 10, 1-8.	0.8	8
36	Prognostic implications of tricuspid annular plane systolic excursion/pulmonary arterial systolic pressure ratio in septic shock patients. Cardiovascular Ultrasound, 2020, 18, 20.	0.5	12

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37	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
38	Effects of Quality Control Targets (SpO ₂ ≥100%, PaCO ₂ <40 mmHg, Pmean/>10 cmH ₂ O) on Outcomes in Patients in the ICU. <i>Frontiers in Medicine</i> , 2020, 7, 111.	1.2	4
39	Physicians's abilities to obtain and interpret focused cardiac ultrasound images from critically ill patients after a 2-day training course. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 151.	0.7	2
40	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. <i>Medical Science Monitor</i> , 2020, 26, e924009.	0.5	7
41	Total pancreatic necrosis after organophosphate intoxication. <i>Frontiers of Medicine</i> , 2019, 13, 285-288.	1.5	8
42	Central Venous Pressure (CVP) Reduction Associated With Higher Cardiac Output (CO) Favors Good Prognosis of Circulatory Shock: A Single-Center, Retrospective Cohort Study. <i>Frontiers in Medicine</i> , 2019, 6, 216.	1.2	10
43	Microcirculation dysfunction in endotoxic shock rabbits is associated with impaired S-nitrosohemoglobin-mediated nitric oxide release from red blood cells: a preliminary study. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 1.	0.9	15
44	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
45	Role of vimentin in modulating immune cell apoptosis and inflammatory responses in sepsis. <i>Scientific Reports</i> , 2019, 9, 5747.	1.6	40
46	Vimentin modulates apoptosis and inflammatory cytokine release by a human monocytic cell line (THP-1) in response to lipopolysaccharides in vitro. <i>Chinese Medical Journal</i> , 2019, 132, 1336-1343.	0.9	9
47	Resuscitation incoherence and dynamic circulation-perfusion coupling in circulatory shock. <i>Chinese Medical Journal</i> , 2019, 132, 1218-1227.	0.9	4
48	The Effect of Mechanical Ventilation on Peripheral Perfusion Index and Its Association With the Prognosis of Critically Ill Patients. <i>Critical Care Medicine</i> , 2019, 47, 685-690.	0.4	19
49	Infection management strategy based on prevention and control of nosocomial infections in intensive care units. <i>Chinese Medical Journal</i> , 2019, 132, 115-119.	0.9	6
50	Physicians's Ability to Visually Estimate Left Ventricular Ejection Fraction, Right Ventricular Enlargement, and Paradoxical Septal Motion After a 2-Day Focused Cardiac Ultrasound Training Course. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 1912-1918.	0.6	5
51	Respiratory variations of inferior vena cava fail to predict fluid responsiveness in mechanically ventilated patients with isolated left ventricular dysfunction. <i>Annals of Intensive Care</i> , 2019, 9, 113.	2.2	20
52	Effect of focused cardiac ultrasound in combination with lung ultrasound on critically ill patients: a multicenter observational study in China. <i>Chinese Medical Sciences Journal</i> , 2019, 36, 1.	0.2	0
53	Myocardial strain/stress changes identified by echocardiography may reveal early sepsis-induced myocardial dysfunction. <i>Journal of International Medical Research</i> , 2018, 46, 1439-1454.	0.4	9
54	The potential mechanism of mitochondrial dysfunction in septic cardiomyopathy. <i>Journal of International Medical Research</i> , 2018, 46, 2157-2169.	0.4	41

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55	Relationship between inferior vena cava diameter ratio and central venous pressure. <i>Journal of Clinical Ultrasound</i> , 2018, 46, 450-454.	0.4	4
56	Colloids and the Microcirculation. <i>Anesthesia and Analgesia</i> , 2018, 126, 1747-1754.	1.1	27
57	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
58	mTOR modulates CD8+ T cell differentiation in mice with invasive pulmonary aspergillosis. <i>Open Life Sciences</i> , 2018, 13, 129-136.	0.6	3
59	Placement of a Jejunal Feeding Tube via an Ultrasound-Guided Antral Progressive Water Injection Method. <i>Chinese Medical Journal</i> , 2018, 131, 1680-1685.	0.9	8
60	Personalized Critical Hemodynamic Therapy Concept for Shock Resuscitation. <i>Chinese Medical Journal</i> , 2018, 131, 1240-1243.	0.9	8
61	Role of Combining Peripheral with Sublingual Perfusion on Evaluating Microcirculation and Predicting Prognosis in Patients with Septic Shock. <i>Chinese Medical Journal</i> , 2018, 131, 1158-1166.	0.9	12
62	The Current Epidemiological Landscape of Ventilator-associated Pneumonia in the Intensive Care Unit: A Multicenter Prospective Observational Study in China. <i>Clinical Infectious Diseases</i> , 2018, 67, S153-S161.	2.9	20
63	Renal failure in critically ill patients, beware of applying (central venous) pressure on the kidney. <i>Annals of Intensive Care</i> , 2018, 8, 91.	2.2	48
64	P(v-a)CO ₂ /C(a-v)O ₂ -directed resuscitation does not improve prognosis compared with SvO ₂ in severe sepsis and septic shock: A prospective multicenter randomized controlled clinical study. <i>Journal of Critical Care</i> , 2018, 48, 314-320.	1.0	13
65	Tricuspid annular plane systolic excursion and central venous pressure in mechanically ventilated critically ill patients. <i>Cardiovascular Ultrasound</i> , 2018, 16, 11.	0.5	6
66	Ten Things to be Considered in Practicing Critical Care Echocardiography. <i>Chinese Medical Journal</i> , 2018, 131, 1738-1743.	0.9	2
67	Accelerated Autophagy of Cecal Ligation and Puncture-Induced Myocardial Dysfunction and Its Correlation with Mammalian Target of Rapamycin Pathway in Rats. <i>Chinese Medical Journal</i> , 2018, 131, 1185-1190.	0.9	4
68	Inhibition of the mTOR Pathway Exerts Cardioprotective Effects Partly through Autophagy in CLP Rats. <i>Mediators of Inflammation</i> , 2018, 2018, 1-9.	1.4	22
69	Melatonin Balance the Autophagy and Apoptosis by Regulating UCP2 in the LPS-Induced Cardiomyopathy. <i>Molecules</i> , 2018, 23, 675.	1.7	65
70	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
71	Initial therapeutic strategy of invasive candidiasis for intensive care unit patients: a retrospective analysis from the China-SCAN study. <i>BMC Infectious Diseases</i> , 2017, 17, 93.	1.3	5
72	Understanding elevated Pv-aCO ₂ gap and Pv-aCO ₂ /Ca-vO ₂ ratio in venous hyperoxia condition. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 1321-1323.	0.7	9

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73	Use of stepwise lactate kinetics-oriented hemodynamic therapy could improve the clinical outcomes of patients with sepsis-associated hyperlactatemia. <i>Critical Care</i> , 2017, 21, 33.	2.5	39
74	Elevated Mean Airway Pressure and Central Venous Pressure in the First Day of Mechanical Ventilation Indicated Poor Outcome. <i>Critical Care Medicine</i> , 2017, 45, e485-e492.	0.4	28
75	Impact of initial empirical antifungal agents on the outcome of critically ill patients with invasive candidiasis: analysis of the China-SCAN study. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 74-80.	1.1	7
76	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
77	The correlation between CVP-derived parameters and the prognosis of critically ill patients. <i>Journal of Critical Care</i> , 2017, 40, 257-264.	1.0	14
78	Association between elevated central venous pressure and outcomes in critically ill patients. <i>Annals of Intensive Care</i> , 2017, 7, 83.	2.2	49
79	Delirium in Intensive Care Unit Patients. <i>Chinese Medical Journal</i> , 2017, 130, 2498-2502.	0.9	2
80	Left Ventricular Longitudinal Systolic Function in Septic Shock Patients with Normal Ejection Fraction. <i>Chinese Medical Journal</i> , 2017, 130, 1169-1174.	0.9	8
81	Monitoring Changes in Hepatic Venous Velocities Flow after a Fluid Challenge Can Identify Shock Patients Who Lack Fluid Responsiveness. <i>Chinese Medical Journal</i> , 2017, 130, 1202-1210.	0.9	9
82	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. <i>Chinese Medical Journal</i> , 2017, 130, 1211-1217.	0.9	10
83	IL-12 Influence mTOR to Modulate CD8 ⁺ T Cells Differentiation through T-bet and Eomesodermin in Response to Invasive Pulmonary Aspergillosis. <i>International Journal of Medical Sciences</i> , 2017, 14, 977-983.	1.1	8
84	Comparison of procalcitonin and high-sensitivity C-reactive protein for the diagnosis of sepsis and septic shock in the oldest old patients. <i>BMC Geriatrics</i> , 2017, 17, 173.	1.1	21
85	Response to: Understanding the null hypothesis (H ₀) in non-inferiority trials. <i>Critical Care</i> , 2017, 21, 201.	2.5	0
86	Lactate and stepwise lactate kinetics can be used to guide resuscitation. <i>Critical Care</i> , 2017, 21, 267.	2.5	2
87	Clarifications on Continuous Renal Replacement Therapy and Hemodynamics. <i>Chinese Medical Journal</i> , 2017, 130, 1244-1248.	0.9	6
88	mTOR Modulates Lymphocyte Differentiation through T-bet and Eomesodermin in Response to Invasive Pulmonary Aspergillosis in Rats. <i>Chinese Medical Journal</i> , 2016, 129, 1704-1710.	0.9	12
89	Efficacy and Safety of Esmolol in Treatment of Patients with Septic Shock. <i>Chinese Medical Journal</i> , 2016, 129, 1658-1665.	0.9	20
90	Passive Leg Raising in Intensive Care Medicine. <i>Chinese Medical Journal</i> , 2016, 129, 1755-1758.	0.9	11

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91	Permissive hypoxemia/conservative oxygenation strategy: Dr. Jekyll or Mr. Hyde?. <i>Journal of Thoracic Disease</i> , 2016, 8, 748-750.	0.6	9
92	Role of sTREM-1 in predicting mortality of infection: a systematic review and meta-analysis. <i>BMJ Open</i> , 2016, 6, e010314.	0.8	50
93	Lung ultrasound can be used to predict the potential of prone positioning and assess prognosis in patients with acute respiratory distress syndrome. <i>Critical Care</i> , 2016, 20, 385.	2.5	79
94	Respiratory and Cardiac Characteristics of ICU Patients Aged 90 Years and Older: A Report of 12 Cases. <i>Chinese Medical Sciences Journal</i> , 2016, 31, 37-42.	0.2	1
95	Central venous-to-arterial CO ₂ difference/arterial-central venous O ₂ difference ratio: An experimental model or a bedside clinical tool?. <i>Journal of Critical Care</i> , 2016, 35, 219-220.	1.0	10
96	High central venous-to-arterial CO ₂ difference/arterial-central venous O ₂ difference ratio is associated with poor lactate clearance in septic patients after resuscitation. <i>Journal of Critical Care</i> , 2016, 31, 76-81.	1.0	50
97	Prognostic value of extravascular lung water and its potential role in guiding fluid therapy in septic shock after initial resuscitation. <i>Journal of Critical Care</i> , 2016, 33, 106-113.	1.0	25
98	The effect of variable arterial transducer level on the accuracy of pulse contour waveform-derived measurements in critically ill patients. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 569-575.	0.7	6
99	Urine sTREM-1 may be a valuable biomarker in diagnosis and prognosis of sepsis-associated acute kidney injury. <i>Critical Care</i> , 2015, 19, 281.	2.5	17
100	The Use of the Ratio between the Venous-arterial Carbon Dioxide Difference and the Arterial-venous Oxygen Difference to Guide Resuscitation in Cardiac Surgery Patients with Hyperlactatemia and Normal Central Venous Oxygen Saturation. <i>Chinese Medical Journal</i> , 2015, 128, 1306-1313.	0.9	18
101	Dexamethasone Suppressed LPS-Induced Matrix Metalloproteinase and Its Effect on Endothelial Glycocalyx Shedding. <i>Mediators of Inflammation</i> , 2015, 2015, 1-8.	1.4	49
102	Positive End-expiratory Pressure Titration after Alveolar Recruitment Directed by Electrical Impedance Tomography. <i>Chinese Medical Journal</i> , 2015, 128, 1421-1427.	0.9	22
103	Use of Lung Ultrasound to Assess the Efficacy of an Alveolar Recruitment Maneuver in Rabbits With Acute Respiratory Distress Syndrome. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 2209-2215.	0.8	10
104	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
105	The relationship between arterial transducer level and pulse contour waveform-derived measurements. <i>Critical Care</i> , 2015, 19, 31.	2.5	2
106	Fluid bolus therapy is a medical therapy or a diagnostic method?. <i>Critical Care</i> , 2015, 19, 360.	2.5	3
107	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
108	The pitfall of pulse pressure variation in the cardiac dysfunction condition. <i>Critical Care</i> , 2015, 19, 242.	2.5	2

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109	Mind the influence of arterial oxygen tension on central venous oxygen saturation. <i>Critical Care</i> , 2014, 18, 569.	2.5	3
110	Integrated Cardiopulmonary Sonography. <i>Journal of Ultrasound in Medicine</i> , 2014, 33, 1231-1239.	0.8	25
111	Bloodstream Infection with Carbapenem-resistant <i>Klebsiella Pneumoniae</i> and Multidrug-resistant <i>Acinetobacter Baumannii</i> : a Case Report. <i>Chinese Medical Sciences Journal</i> , 2014, 29, 51-54.	0.2	6
112	Altered CD8(+) T-cell counts as an early predictor of prognosis in critically ill immunocompromised patients with invasive pulmonary aspergillosis. <i>Chinese Medical Journal</i> , 2014, 127, 36-42.	0.9	1
113	Hemodynamic therapy: timing and targeting. <i>Chinese Medical Journal</i> , 2013, 126, 1974-7.	0.9	0