

Xiang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,919
citations

430874

18
h-index

175258

52
g-index

76
all docs

76
docs citations

76
times ranked

6863
citing authors

#	ARTICLE	IF	CITATIONS
1	Coagulopathy and Antiphospholipid Antibodies in Patients with Covid-19. <i>New England Journal of Medicine</i> , 2020, 382, e38.	27.0	1,824
2	Potential effect of blood purification therapy in reducing cytokine storm as a late complication of critically ill COVID-19. <i>Clinical Immunology</i> , 2020, 214, 108408.	3.2	137
3	Antiphospholipid Antibodies in Critically Ill Patients With COVID-19. <i>Arthritis and Rheumatology</i> , 2020, 72, 1998-2004.	5.6	135
4	Clinicopathological Features and Outcomes of Acute Kidney Injury in Critically Ill COVID-19 with Prolonged Disease Course: A Retrospective Cohort. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2205-2221.	6.1	86
5	Neurological Manifestations in Critically Ill Patients With COVID-19: A Retrospective Study. <i>Frontiers in Neurology</i> , 2020, 11, 806.	2.4	61
6	Clinical classification of tissue perfusion based on the central venous oxygen saturation and the peripheral perfusion index. <i>Critical Care</i> , 2015, 19, 330.	5.8	55
7	Preconception <scp>TSH</scp> and pregnancy outcomes: a population-based cohort study in 184,611 women. <i>Clinical Endocrinology</i> , 2017, 86, 816-824.	2.4	52
8	Role of vimentin in modulating immune cell apoptosis and inflammatory responses in sepsis. <i>Scientific Reports</i> , 2019, 9, 5747.	3.3	40
9	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.	5.8	39
10	Evaluation of the Secondary Transmission Pattern and Epidemic Prediction of COVID-19 in the Four Metropolitan Areas of China. <i>Frontiers in Medicine</i> , 2020, 7, 171.	2.6	30
11	Etiological Spectrum and Pattern of Change in Pituitary Stalk Thickening: Experience in 321 Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3419-3427.	3.6	28
12	Dynamic landscape mapping of humoral immunity to SARS-CoV-2 identifies non-structural protein antibodies associated with the survival of critical COVID-19 patients. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 304.	17.1	26
13	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.	2.2	25
14	Effect of postextubation high-flow nasal cannula therapy on lung recruitment and overdistension in high-risk patient. <i>Critical Care</i> , 2020, 24, 82.	5.8	23
15	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. <i>Frontiers in Medicine</i> , 2021, 8, 664966.	2.6	23
16	Using Critical Care Chest Ultrasonic Examination in Emergency Consultation: A Pilot Study. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 401-406.	1.5	22
17	Rules of anti-infection therapy for sepsis and septic shock. <i>Chinese Medical Journal</i> , 2019, 132, 589-596.	2.3	21
18	Clinical characteristics and survival analysis in critical and non-critical patients with COVID-19 in Wuhan, China: a single-center retrospective case control study. <i>Scientific Reports</i> , 2020, 10, 17524.	3.3	21

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19	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.	2.5	20
20	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.	0.9	19
21	Correlation between cytokines and coagulation-related parameters in patients with coronavirus disease 2019 admitted to ICU. <i>Clinica Chimica Acta</i> , 2020, 510, 47-53.	1.1	18
22	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.	5.8	14
23	Value of Ultrasonographic Features for Assessing Malignant Potential of Complex Cystic Breast Lesions. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 699-704.	1.7	13
24	Pheochromocytoma Crisis With Severe Cyclic Blood Pressure Fluctuations in a Cardiac Pheochromocytoma Patient Successfully Resuscitated by Extracorporeal Membrane Oxygenation. <i>Medicine (United States)</i> , 2015, 94, e790.	1.0	12
25	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.	2.6	10
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.	1.0	10
27	Cross-sectional study for the clinical application of extracorporeal membrane oxygenation in Mainland China, 2018. <i>Critical Care</i> , 2020, 24, 554.	5.8	10
28	Myocardial Injury on Admission as a Risk in Critically Ill COVID-19 Patients: A Retrospective in-ICU Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 846-853.	1.3	10
29	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.	5.8	10
30	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.	2.3	9
31	Case Report: Rosai-Dorfman Disease Involving Sellar Region in a Pediatric Patient: A Case Report and Systematic Review of Literature. <i>Frontiers in Medicine</i> , 2020, 7, 613756.	2.6	9
32	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-CSCP Study): A Prospective Study Protocol. <i>Frontiers in Medicine</i> , 2020, 7, 269.	2.6	8
33	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.	1.7	8
34	Retrospective Study of Critically Ill COVID-19 Patients With and Without Extracorporeal Membrane Oxygenation Support in Wuhan, China. <i>Frontiers in Medicine</i> , 2021, 8, 659793.	2.6	8
35	Association between tachyarrhythmia and mortality in a cohort of critically ill patients with coronavirus disease 2019 (COVID-19). <i>Annals of Translational Medicine</i> , 2021, 9, 883-883.	1.7	7
36	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.	1.1	7

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37	ECCO2R in 12 COVID-19 ARDS Patients With Extremely Low Compliance and Refractory Hypercapnia. <i>Frontiers in Medicine</i> , 2021, 8, 654658.	2.6	6
38	Preconception TSH and Adverse Pregnancy Outcomes in China: A Nationwide Prospective Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2770-e2776.	3.6	6
39	Association of annual hospital septic shock case volume and hospital mortality. <i>Critical Care</i> , 2022, 26, .	5.8	6
40	The Risk Factors for Weaning Failure of Mechanically Ventilated Patients With COVID-19: A Retrospective Study in National Medical Team Work. <i>Frontiers in Medicine</i> , 2021, 8, 678157.	2.6	5
41	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. <i>Chinese Medical Journal</i> , 2021, 134, 1747-1749.	2.3	5
42	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.	1.8	3
43	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.	2.2	3
44	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.	1.7	3
45	Acute hyperventilation increases oxygen consumption and decreases peripheral tissue perfusion in critically ill patients. <i>Journal of Critical Care</i> , 2021, 66, 148-153.	2.2	3
46	Selection strategy for sedation depth in critically ill patients on mechanical ventilation. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 79.	3.0	3
47	Shock in China 2018 (SIC-study): a cross-sectional survey. <i>Annals of Translational Medicine</i> , 2021, 9, 1219-1219.	1.7	3
48	Establishment and Implementation of Potential Fluid Therapy Balance Strategies for ICU Sepsis Patients Based on Reinforcement Learning. <i>Frontiers in Medicine</i> , 2022, 9, 766447.	2.6	3
49	Lactate and stepwise lactate kinetics can be used to guide resuscitation. <i>Critical Care</i> , 2017, 21, 267.	5.8	2
50	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.	2.6	2
51	Generation of the induced pluripotent stem cell(iPSC) line (AHQUi001-A) from a patient with familial hypertriglyceridemia (FHTG) carrying a heterozygous p.C310R (c.928 T→C) mutation in LPL gene. <i>Stem Cell Research</i> , 2020, 45, 101802.	0.7	1
52	Safety concerns of sodium-glucose co-transporter-2 inhibitors in type 1 diabetes: A real-world study from the perspective of the Food and Drug Administration Adverse Event Reporting System. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 2204-2206.	4.4	1
53	Stepwise lactate kinetics in critically ill patients: prognostic, influencing factors, and clinical phenotype. <i>BMC Anesthesiology</i> , 2021, 21, 86.	1.8	1
54	Generation of a gene-corrected isogenic iPSC line (AHQUi001-A-1) from a patient with familial hypertriglyceridemia (FHTG) carrying a heterozygous p.C310R (c.928 T→C) mutation in LPL gene using CRISPR/Cas9. <i>Stem Cell Research</i> , 2021, 52, 102230.	0.7	1

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55	Ursodeoxycholic Acid (UDCA) Promotes Lactate Metabolism in Mouse Hepatocytes through Cholic Acid (CA) - Farnesoid X Receptor (FXR) Pathway. <i>Current Molecular Medicine</i> , 2020, 20, 661-666.	1.3	1
56	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.	2.6	1
57	Ursodeoxycholic Acid (UDCA) Reduces Hepatocyte Apoptosis by Inhibiting Farnesoid X Receptor (FXR) in Hemorrhagic Shock (HS). <i>Current Molecular Medicine</i> , 2023, 23, 550-558.	1.3	1
58	Response to: Understanding the null hypothesis (H0) in non-inferiority trials. <i>Critical Care</i> , 2017, 21, 201.	5.8	0
59	Current status of China's critical care medicine big data platform and future prospects. <i>Chinese Medical Journal</i> , 2021, 134, 1684-1686.	2.3	0
60	MON-LB075 Etiological Spectrum and Change Pattern of Pituitary Stalk Thickness: A Single Center Experience in 321 Patients. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0
61	Reevaluation of the value of prolactin in differentiating malignant from benign pituitary stalk thickening: Letter to the Editor. <i>European Journal of Endocrinology</i> , 2020, 183, L19-L21.	3.7	0
62	Absorbing filter AN69 surface treatment in critically ill COVID-19 patients: a single-center experience. <i>Renal Failure</i> , 2021, 43, 1492-1495.	2.1	0
63	Changes of farnesoid X receptor and Takeda Gα protein coupled receptor 5 following biliary tract external drainage in hemorrhagic shock. <i>Experimental and Therapeutic Medicine</i> , 2021, 23, 163.	1.8	0