

Xiaoting Wang

List of Publications by Year in descending order

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53
papers

683
citations

623734

14
h-index

642732

23
g-index

69
all docs

69
docs citations

69
times ranked

1033
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin Balance the Autophagy and Apoptosis by Regulating UCP2 in the LPS-Induced Cardiomyopathy. <i>Molecules</i> , 2018, 23, 675.	3.8	65
2	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
3	Renal failure in critically ill patients, beware of applying (central venous) pressure on the kidney. <i>Annals of Intensive Care</i> , 2018, 8, 91.	4.6	48
4	The potential mechanism of mitochondrial dysfunction in septic cardiomyopathy. <i>Journal of International Medical Research</i> , 2018, 46, 2157-2169.	1.0	41
5	Role of vimentin in modulating immune cell apoptosis and inflammatory responses in sepsis. <i>Scientific Reports</i> , 2019, 9, 5747.	3.3	40
6	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
7	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
8	Using M-mode ultrasonography to assess diaphragm dysfunction and predict the success of mechanical ventilation weaning in elderly patients. <i>Journal of Thoracic Disease</i> , 2017, 9, 3177-3186.	1.4	25
9	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
10	The Role of Uncoupling Protein 2 During Myocardial Dysfunction in a Canine Model of Endotoxin Shock. <i>Shock</i> , 2015, 43, 292-297.	2.1	22
11	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.	2.7	21
12	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
13	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.	4.6	20
14	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
15	The correlation between CVP-derived parameters and the prognosis of critically ill patients. <i>Journal of Critical Care</i> , 2017, 40, 257-264.	2.2	14
16	SRV2 promotes mitochondrial fission and Mst1-Drp1 signaling in LPS-induced septic cardiomyopathy. <i>Aging</i> , 2020, 12, 1417-1432.	3.1	14
17	Serum NLRP3: A biomarker for identifying high-risk septic patients. <i>Cytokine</i> , 2022, 149, 155725.	3.2	13
18	Nurse-performed ultrasound: a new weapon against COVID-19. <i>Critical Care</i> , 2020, 24, 430.	5.8	12

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19	Prognostic implications of tricuspid annular plane systolic excursion/pulmonary arterial systolic pressure ratio in septic shock patients. <i>Cardiovascular Ultrasound</i> , 2020, 18, 20.	1.6	12
20	Changes in perfusion can detect changes in the cardiac index in patients with septic shock. <i>Journal of International Medical Research</i> , 2020, 48, 030006052093167.	1.0	11
21	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.	4.6	11
22	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
23	Microcirculation-guided protection strategy in hemodynamic therapy. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 75, 243-253.	1.7	10
24	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.	1.0	9
25	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.	3.8	7
26	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
27	Tricuspid annular plane systolic excursion and central venous pressure in mechanically ventilated critically ill patients. <i>Cardiovascular Ultrasound</i> , 2018, 16, 11.	1.6	6
28	From critical care nephrology to critical care blood purification. <i>Journal of Translational Internal Medicine</i> , 2021, 9, 4-7.	2.5	6
29	Effect of focused cardiopulmonary ultrasonography on clinical outcome of septic shock: a randomized study. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110131.	1.0	6
30	Automated Identification and Localization of the Inferior Vena Cava Using Ultrasound: An Animal Study. <i>Ultrasonic Imaging</i> , 2018, 40, 232-244.	2.6	5
31	Physicians' 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.	1.3	5
32	Management of Very Old Patients in Intensive Care Units. , 2021, 12, 614.		5
33	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.	1.7	5
34	Relationship between inferior vena cava diameter ratio and central venous pressure. <i>Journal of Clinical Ultrasound</i> , 2018, 46, 450-454.	0.8	4
35	The PIEPEAR Workflow: A Critical Care Ultrasound Based 7-Step Approach as a Standard Procedure to Manage Patients with Acute Cardiorespiratory Compromise, with Two Example Cases Presented. <i>BioMed Research International</i> , 2018, 2018, 1-14.	1.9	4
36	Effects of Quality Control Targets (SpO ₂ ≥100%, PaCO ₂ <40 mmHg, P _{mean} >10 cmH ₂ O) on Outcomes in Patients in the ICU. <i>Frontiers in Medicine</i> , 2020, 7, 111.	2.6	4

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37	Impact of central venous pressure on the mortality of patients with sepsis-related acute kidney injury: a propensity score-matched analysis based on the MIMIC IV database. <i>Annals of Translational Medicine</i> , 2022, 10, 199-199.	1.7	4
38	Serum Mitochondrial Quality Control Related Biomarker Levels are Associated with Organ Dysfunction in Septic Patients. <i>Shock</i> , 2021, 56, 412-418.	2.1	3
39	The relationship between arterial transducer level and pulse contour waveform-derived measurements. <i>Critical Care</i> , 2015, 19, 31.	5.8	2
40	Hemodynamics in Shock Patients Assessed by Critical Care Ultrasound and Its Relationship to Outcome: A Prospective Study. <i>BioMed Research International</i> , 2020, 2020, 1-11.	1.9	2
41	Ultrasound applications to support nursing care in critically ill COVID-19 patients. <i>Intensive and Critical Care Nursing</i> , 2020, 61, 102918.	2.9	2
42	Short-term effect of stock volatility and cardiovascular mortality: a systematic review and meta-analysis. <i>Annals of Translational Medicine</i> , 2020, 8, 1317-1317.	1.7	2
43	Pulmonary edema following diuretic therapy. <i>Medicine (United States)</i> , 2020, 99, e19180.	1.0	2
44	Physicians' 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.	1.7	2
45	Automated Ultrasound Measurement of the Inferior Vena Cava: An Animal Study. <i>Ultrasonic Imaging</i> , 2020, 42, 148-158.	2.6	2
46	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.	1.3	2
47	Prognostic Significance of the Fission1/Parkin Ratio for Sepsis: A Prospective Cohort Study. <i>Frontiers in Medicine</i> , 2021, 8, 642749.	2.6	1
48	Negative central venous to arterial lactate gradient in patients receiving vasopressors is associated with higher ICU 30-day mortality: a retrospective cohort study. <i>BMC Anesthesiology</i> , 2021, 21, 25.	1.8	1
49	Preliminary Exploration of Epidemiologic and Hemodynamic Characteristics of Restrictive Filling Diastolic Dysfunction Based on Echocardiography in Critically Ill Patients: A Retrospective Study. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	1
50	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
51	Functional mitral regurgitation combined with increased early diastolic transmitral velocity to early mitral annulus diastolic velocity ratio is associated with a poor prognosis in patients with shock. <i>Chinese Medical Journal</i> , 2021, Publish Ahead of Print, 2299-2305.	2.3	0
52	Hemodynamic characteristics and early warnings in very old patients.. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 13310-13320.	0.0	0
53	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, .	2.3	0