Guo-wei Tu

List of Publications by Year
in descending order

61 papers	**885** citations	516561 **16** h-index	552653 **26** g-index
65 all docs	**65** docs citations	**65** times ranked	**1042** citing authors

#	Article	IF	Citations
1	Exosome-Derived From Sepsis Patients' Blood Promoted Pyroptosis of Cardiomyocytes by Regulating miR-885-5p/HMBOX1. Frontiers in Cardiovascular Medicine, 2022, 9, 774193.	1.1	12
2	Remifentanil versus Dexmedetomidine in Cardiac Surgery Patients with Noninvasive Ventilation Intolerance: Protocol for the REDNIVI Trial. Reviews in Cardiovascular Medicine, 2022, 23, 084.	0.5	0
3	Usage of compromised lung volume in monitoring steroid therapy on severe COVID-19. Respiratory Research, 2022, 23, 105.	1.4	1
4	Recombinant human brain natriuretic peptide ameliorates venous return function in congestive heart failure. ESC Heart Failure, 2022, 9, 2635-2644.	1.4	4
5	Serum creatinine as a predictor of mortality in patients readmitted to the intensive care unit after cardiac surgery: a retrospective cohort study in China. Journal of Thoracic Disease, 2021, 13, 1728-1736.	0.6	5
6	Inhaled pulmonary vasodilators: a narrative review. Annals of Translational Medicine, 2021, 9, 597-597.	0.7	21
7	Inhaled nitric oxide reduces the intrapulmonary shunt to ameliorate severe hypoxemia after acute type A aortic dissection surgery. Nitric Oxide - Biology and Chemistry, 2021, 109-110, 26-32.	1.2	3
8	Veno-Arterial Extracorporeal Membrane Oxygenation for Patients Undergoing Acute Type A Aortic Dissection Surgery: A Six-Year Experience. Frontiers in Cardiovascular Medicine, 2021, 8, 652527.	1.1	5
9	Propensity score matching with R: conventional methods and new features. Annals of Translational Medicine, 2021, 9, 812-812.	0.7	93
10	Development and Validation of a Machine-Learning Model for Prediction of Extubation Failure in Intensive Care Units. Frontiers in Medicine, 2021, 8, 676343.	1.2	34
11	Mesenchymal Stem Cell-Derived Extracellular Vesicles: A Potential Therapeutic Strategy for Acute Kidney Injury. Frontiers in Immunology, 2021, 12, 684496.	2.2	11
12	Ischemia-Reperfusion Injury Reduces Kidney Folate Transporter Expression and Plasma Folate Levels. Frontiers in Immunology, 2021, 12, 678914.	2.2	7
13	Dobutamine-sparing strategy in managing patients with impaired ejection fraction undergoing coronary artery bypass grafting: less is more?. Journal of Thoracic Disease, 2021, 13, 3923-3926.	0.6	0
14	Change in left ventricular velocity time integral during Trendelenburg maneuver predicts fluid responsiveness in cardiac surgical patients in the operating room. Quantitative Imaging in Medicine and Surgery, 2021, 11, 3133-3145.	1.1	5
15	Tailoring glucocorticoids in patients with severe COVID-19: a narrative review. Annals of Translational Medicine, 2021, 9, 1261-1261.	0.7	3
16	Trendelenburg maneuver predicts fluid responsiveness in patients on veno-arterial extracorporeal membrane oxygenation. Annals of Intensive Care, 2021, 11, 16.	2.2	10
17	Levosimendan to Facilitate Weaning From Cardiorespiratory Support in Critically Ill Patients: A Meta-Analysis. Frontiers in Medicine, 2021, 8, 741108.	1.2	10
18	The transition and outcomes of perioperative low ejection fraction status in cardiac surgical patients. Reviews in Cardiovascular Medicine, 2021, 22, 1721.	0.5	0

#	Article	IF	Citations
19	Veno-Arterial Extracorporeal Membrane Oxygenation for Patients Undergoing Heart Transplantation: A 7-Year Experience. Frontiers in Medicine, 2021, 8, 774644.	1.2	2
20	Early Enteral Nutrition Tolerance in Patients With Cardiogenic Shock Requiring Mechanical Circulatory Support. Frontiers in Medicine, 2021, 8, 765424.	1.2	3
21	Changes in Stroke Volume Variation Induced by Passive Leg Raising to Predict Fluid Responsiveness in Cardiac Surgical Patients With Protective Ventilation. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 1526-1533.	0.6	10
22	Cyclic helix B peptide alleviates sepsis-induced acute lung injury by downregulating NLRP3 inflammasome activation in alveolar macrophages. International Immunopharmacology, 2020, 88, 106849.	1.7	9
23	Evaluation of radial artery pulse pressure effects on detection of stroke volume changes after volume loading maneuvers in cardiac surgical patients. Annals of Translational Medicine, 2020, 8, 787-787.	0.7	1
24	Remifentanil versus dexmedetomidine for treatment of cardiac surgery patients with moderate to severe noninvasive ventilation intolerance (REDNIVIN): a prospective, cohort study. Journal of Thoracic Disease, 2020, 12, 5857-5868.	0.6	8
25	The role of respiratory therapists in fighting the COVID-19 crisis: unsung heroes in Wuhan. Annals of Palliative Medicine, 2020, 9, 4423-4426.	0.5	5
26	Neutrophil-to-Lymphocyte Ratio Predicts Mortality in Adult Renal Transplant Recipients with Severe Community-Acquired Pneumonia. Pathogens, 2020, 9, 913.	1.2	11
27	Effect of Sequential Noninvasive Ventilation on Early Extubation After Acute Type A Aortic Dissection. Respiratory Care, 2020, 65, 1160-1167.	0.8	3
28	Editorial for the series on hemodynamic monitoring in critically ill patients. Annals of Translational Medicine, 2020, 8, 783-783.	0.7	0
29	Clinical prediction models in the precision medicine era: old and new algorithms. Annals of Translational Medicine, 2020, 8, 274-274.	0.7	15
30	Comparison of CRB-65 and quick sepsis-related organ failure assessment for predicting the need for intensive respiratory or vasopressor support in patients with COVID-19. Journal of Infection, 2020, 81, 647-679.	1.7	33
31	Serum N-terminal Pro-B-type Natriuretic Peptide Predicts Mortality in Cardiac Surgery Patients Receiving Renal Replacement Therapy. Frontiers in Medicine, 2020, 7, 153.	1.2	4
32	Prone positioning in high-flow nasal cannula for COVID-19 patients with severe hypoxemia: a pilot study. Annals of Translational Medicine, 2020, 8, 598-598.	0.7	35
33	Hemodynamic monitoring in patients with venoarterial extracorporeal membrane oxygenation. Annals of Translational Medicine, 2020, 8, 792-792.	0.7	32
34	A Machine-Learning Approach for Dynamic Prediction of Sepsis-Induced Coagulopathy in Critically Ill Patients With Sepsis. Frontiers in Medicine, 2020, 7, 637434.	1.2	22
35	Prognostic Accuracy of Early Warning Scores for Clinical Deterioration in Patients With COVID-19. Frontiers in Medicine, 2020, 7, 624255.	1.2	27
36	Single-cell RNA Sequencing in Immunology. Current Genomics, 2020, 21, 564-575.	0.7	14

#	Article	IF	Citations
37	Early risk stratification of acute type A aortic dissection: development and validation of a predictive score. Cardiovascular Diagnosis and Therapy, 2020, 10, 1827-1838.	0.7	3
38	Recommendations for the medical task force against COVID-19: Zhongshan experience in Wuhan. Annals of Translational Medicine, 2020, 8, 1618-1618.	0.7	0
39	Comparison of the proximal and distal approaches for axillary vein catheterization under ultrasound guidance (PANDA) in cardiac surgery patients susceptible to bleeding: a randomized controlled trial. Annals of Intensive Care, 2020, 10, 90.	2.2	7
40	CXCL16/CXCR6 is involved in LPS–induced acute lung injury via P38 signalling. Journal of Cellular and Molecular Medicine, 2019, 23, 5380-5389.	1.6	28
41	Reliability of three-dimensional color flow Doppler and two-dimensional pulse wave Doppler transthoracic echocardiography for estimating cardiac output after cardiac surgery. Cardiovascular Ultrasound, 2019, 17, 5.	0.5	1
42	Initial clinical impact of inhaled nitric oxide therapy for refractory hypoxemia following type A acute aortic dissection surgery. Journal of Thoracic Disease, 2019, 11, 495-504.	0.6	12
43	End-expiratory occlusion test predicts fluid responsiveness in cardiac surgical patients in the operating theatre. Annals of Translational Medicine, 2019, 7, 315-315.	0.7	8
44	Preemptive renal replacement therapy in post-cardiotomy cardiogenic shock patients: a historically controlled cohort study. Annals of Translational Medicine, 2019, 7, 534-534.	0.7	5
45	Lactate dehydrogenase as a prognostic marker of renal transplant recipients with severe community-acquired pneumonia: a 10-year retrospective study. Annals of Translational Medicine, 2019, 7, 660-660.	0.7	15
46	The Immune System Regulation in Sepsis: From Innate to Adaptive. Current Protein and Peptide Science, 2019, 20, 799-816.	0.7	23
47	Understanding Gene Therapy in Acute Respiratory Distress Syndrome. Current Gene Therapy, 2019, 19, 93-99.	0.9	7
48	The pathways and mechanisms of muramyl dipeptide transcellular transport mediated by PepT1 in enterogenous infection. Annals of Translational Medicine, 2019, 7, 473-473.	0.7	3
49	A quality improvement program with nutrition therapy: restriction of lipid emulsions in cardiac surgical patients. Journal of Thoracic Disease, 2018, 10, 920-929.	0.6	2
50	Internal jugular vein variability predicts fluid responsiveness in cardiac surgical patients with mechanical ventilation. Annals of Intensive Care, 2018, 8, 6.	2.2	28
51	A comparison of early versus late initiation of renal replacement therapy for acute kidney injury in critically ill patients: an updated systematic review and meta-analysis of randomized controlled trials. BMC Nephrology, 2017, 18, 264.	0.8	40
52	Glucocorticoid attenuates acute lung injury through induction of type 2 macrophage. Journal of Translational Medicine, 2017, 15, 181.	1.8	94
53	Early Kinetics of Procalcitonin in Predicting Surgical Outcomes in Type A Aortic Dissection Patients. Chinese Medical Journal, 2017, 130, 1175-1181.	0.9	14
54	A comparison of preemptive versus standard renal replacement therapy for acute kidney injury after cardiac surgery. Journal of Surgical Research, 2016, 204, 205-212.	0.8	17

#	Article	IF	Citations
55	Acute quadriplegia caused by necrotizing myopathy in a renal transplant recipient with severe pneumonia: acute onset and complete recovery. European Journal of Medical Research, 2015, 20, 11.	0.9	2
56	Moderate-dose glucocorticoids as salvage therapy for severe pneumonia in renal transplant recipients: a single-center feasibility study. Renal Failure, 2014, 36, 202-209.	0.8	11
57	An interdisciplinary approach for renal transplant recipients with severe pneumonia: a single ICU experience. Intensive Care Medicine, 2014, 40, 914-915.	3.9	23
58	Multidisciplinary intensive care in extensive necrotizing fasciitis. Infection, 2013, 41, 583-587.	2.3	10
59	Combination of caspofungin and lowâ€dose trimethoprim/sulfamethoxazole for the treatment of severe <scp>P</scp>neumocystis jirovecii pneumonia in renal transplant recipients. Nephrology, 2013, 18, 736-742.	0.7	38
60	Effect of admission time on mortality in an intensive care unit in Mainland China: a propensity score matching analysis. Critical Care, 2013, 17, R230.	2.5	34
61	Antithymocyte globulin-induced acute respiratory distress syndrome after renal transplantation: a case report. Chinese Medical Journal, 2012, 125, 1664-6.	0.9	1