

# Ming Zhong

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,943  
citations

430874

18  
h-index

289244

40  
g-index

69  
all docs

69  
docs citations

69  
times ranked

3198  
citing authors

#	ARTICLE	IF	CITATIONS
1	The TWIK2 Potassium Efflux Channel in Macrophages Mediates NLRP3 Inflammasome-Induced Inflammation. <i>Immunity</i> , 2018, 49, 56-65.e4.	14.3	247
2	mtDNA Activates cGAS Signaling and Suppresses the YAP-Mediated Endothelial Cell Proliferation Program to Promote Inflammatory Injury. <i>Immunity</i> , 2020, 52, 475-486.e5.	14.3	217
3	Endothelial cell Piezo1 mediates pressure-induced lung vascular hyperpermeability via disruption of adherens junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12980-12985.	7.1	154
4	Management of critically ill patients with COVID-19 in ICU: statement from front-line intensive care experts in Wuhan, China. <i>Annals of Intensive Care</i> , 2020, 10, 73.	4.6	151
5	Clinical characteristics and outcomes of critically ill patients with novel coronavirus infectious disease (COVID-19) in China: a retrospective multicenter study. <i>Intensive Care Medicine</i> , 2020, 46, 1863-1872.	8.2	145
6	IL-1 $\beta$ suppression of VE-cadherin transcription underlies sepsis-induced inflammatory lung injury. <i>Journal of Clinical Investigation</i> , 2020, 130, 3684-3698.	8.2	116
7	Piezo1 mediates angiogenesis through activation of MT1-MMP signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C92-C103.	4.6	97
8	Searching for Effective Neural Extractive Summarization: What Works and Whatâ€™s Next. , 2019, , .		88
9	Mental health status and related influencing factors of COVID-19 survivors in Wuhan, China. <i>Clinical and Translational Medicine</i> , 2020, 10, e52.	4.0	55
10	Inhibition of hepatic cells pyroptosis attenuates CLP-induced acute liver injury. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 5685-5695.	0.0	43
11	Epidemiology, pathogenetic mechanism, clinical characteristics, and treatment of <i>Vibrio vulnificus</i> infection: a case report and literature review. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1999-2004.	2.9	42
12	Corticosteroid therapy for coronavirus disease 2019-related acute respiratory distress syndrome: a cohort study with propensity score analysis. <i>Critical Care</i> , 2020, 24, 643.	5.8	42
13	Determination of rheology and surface tension of airway surface liquid: a review of clinical relevance and measurement techniques. <i>Respiratory Research</i> , 2019, 20, 274.	3.6	39
14	Value of the combination of renal resistance index and central venous pressure in the early prediction of sepsis-induced acute kidney injury. <i>Journal of Critical Care</i> , 2018, 45, 204-208.	2.2	35
15	M2 macrophages promote pulmonary endothelial cells regeneration in sepsis-induced acute lung injury. <i>Annals of Translational Medicine</i> , 2019, 7, 142-142.	1.7	34
16	The incidence, risk factors and prognosis of acute kidney injury in severe and critically ill patients with COVID-19 in mainland China: a retrospective study. <i>BMC Pulmonary Medicine</i> , 2020, 20, 290.	2.0	33
17	Secondary infection in severe and critical COVID-19 patients in China: a multicenter retrospective study. <i>Annals of Palliative Medicine</i> , 2021, 10, 8557-8570.	1.2	25
18	PcrV antibody protects multi-drug resistant <i>Pseudomonas aeruginosa</i> induced acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2014, 193, 21-28.	1.6	21

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19	Effect of Early Full-Calorie Nutrition Support Following Esophagectomy: A Randomized Controlled Trial. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017, 41, 1146-1154.	2.6	21
20	The preventive effect of antiplatelet therapy in acute respiratory distress syndrome: a meta-analysis. <i>Critical Care</i> , 2018, 22, 60.	5.8	20
21	The top 2,000 cited articles in critical care medicine: a bibliometric analysis. <i>Journal of Thoracic Disease</i> , 2018, 10, 2437-2447.	1.4	20
22	Identification of long noncoding RNAs for the detection of early stage lung squamous cell carcinoma by microarray analysis. <i>Oncotarget</i> , 2017, 8, 13329-13337.	1.8	19
23	Effects of the Lower Airway Secretions on Airway Opening Pressures and Suction Pressures in Critically Ill COVID-19 Patients: A Computational Simulation. <i>Annals of Biomedical Engineering</i> , 2020, 48, 3003-3013.	2.5	18
24	Delayed Initiation of ECMO Is Associated With Poor Outcomes in Patients With Severe COVID-19: A Multicenter Retrospective Cohort Study. <i>Frontiers in Medicine</i> , 2021, 8, 716086.	2.6	17
25	Inhibition of Sphingosine Kinase 1 Attenuates Sepsis-induced Microvascular Leakage <i>via</i> Inhibiting Macrophage NLRP3 Inflammasome Activation in Mice. <i>Anesthesiology</i> , 2020, 132, 1503-1515.	2.5	17
26	Low molecular weight heparin once versus twice for thromboprophylaxis following esophagectomy: a randomised, double-blind and placebo-controlled trial. <i>Journal of Thoracic Disease</i> , 2015, 7, 1158-64.	1.4	17
27	Keratinocyte growth factor-2 is protective in lipopolysaccharide-induced acute lung injury in rats. <i>Respiratory Physiology and Neurobiology</i> , 2014, 201, 7-14.	1.6	16
28	Prognostic roles of the expression of sphingosine-1-phosphate metabolism enzymes in non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2019, 8, 674-681.	2.8	15
29	A Randomized, Single-Blind, Group Sequential, Active-Controlled Study to Evaluate the Clinical Efficacy and Safety of $\pm$ -Lipoic Acid for Critically Ill Patients With Coronavirus Disease 2019 (COVID-19). <i>Frontiers in Medicine</i> , 2021, 8, 566609.	2.6	13
30	Acute respiratory distress syndrome due to exposure to high-concentration mixture of ethenone and crotonaldehyde. <i>Toxicology and Industrial Health</i> , 2015, 31, 585-587.	1.4	12
31	A comparison of longitudinal and transverse approaches to ultrasound-guided axillary vein cannulation by experienced operators. <i>Journal of Thoracic Disease</i> , 2017, 9, 1133-1139.	1.4	12
32	COVID-19-associated coagulopathy: thromboembolism prophylaxis and poor prognosis in ICU. <i>Experimental Hematology and Oncology</i> , 2021, 10, 6.	5.0	12
33	Extracorporeal Membrane Oxygenation As a Bridge Therapy for Massive Pulmonary Embolism After Esophagectomy. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 1018-1020.	1.3	11
34	Fondaparinux versus nadroparin for thromboprophylaxis following minimally invasive esophagectomy: A randomized controlled trial. <i>Thrombosis Research</i> , 2018, 166, 22-27.	1.7	11
35	Association of D-dimer elevation with inflammation and organ dysfunction in ICU patients with COVID-19 in Wuhan, China: a retrospective observational study. <i>Aging</i> , 2021, 13, 4794-4810.	3.1	9
36	CHINESE HERBAL DECOCTION AS A COMPLEMENTARY THERAPY FOR ATROPHIC GASTRITIS: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017, 14, 297-319.	0.3	8

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37	Preoperative Thyroid Autoimmune Status and Changes in Thyroid Function and Body Weight After Bariatric Surgery. <i>Obesity Surgery</i> , 2019, 29, 2904-2911.	2.1	8
38	Methionine oxidation of CLK4 promotes the metabolic switch and redox homeostasis in esophageal carcinoma via inhibiting MITF selective autophagy. <i>Clinical and Translational Medicine</i> , 2022, 12, e719.	4.0	8
39	Incidence and outcomes of patients with COVID-19 associated pulmonary aspergillosis (CAPA) in intensive care units: a systematic review and meta-analysis of 31 cohort studies. <i>Annals of Palliative Medicine</i> , 2022, 11, 2202-2209.	1.2	8
40	Intravenous Immunoglobulin Therapy for Critically Ill COVID-19 Patients With Different Inflammatory Phenotypes: A Multicenter, Retrospective Study. <i>Frontiers in Immunology</i> , 2021, 12, 738532.	4.8	7
41	High flow nasal cannula versus conventional oxygen therapy in postoperative patients at high risk for pulmonary complications: A systematic review and meta-analysis. <i>International Journal of Clinical Practice</i> , 2021, 75, e13828.	1.7	6
42	Dexmedetomidine for antiemesis in gynecologic surgery: a meta-analysis of randomized controlled trials. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 14566-76.	1.3	6
43	The predictive value of plasma cytokines on gastroesophageal anastomotic leakage at an early stage in patients undergoing esophagectomy. <i>Journal of Thoracic Disease</i> , 2017, 9, 2544-2550.	1.4	5
44	Sodium Arsenite Inhibits Lung Fibroblast Differentiation and Pulmonary Fibrosis. <i>Pharmacology</i> , 2019, 104, 368-376.	2.2	4
45	Neuroprotective Effect of the Inhibitor Salubrinal after Cardiac Arrest in a Rodent Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-9.	4.0	4
46	Preoperative ICG Test to Predict Posthepatectomy Liver Failure and Postoperative Outcomes in Hilar Cholangiocarcinoma. <i>BioMed Research International</i> , 2021, 2021, 1-8.	1.9	4
47	Severe COVID-19 has a distinct phenotype from bacterial sepsis: a retrospective cohort study in deceased patients. <i>Annals of Translational Medicine</i> , 2021, 9, 1054-1054.	1.7	4
48	Potentially Functional microRNA-mRNA Regulatory Networks in Intestinal Ischemia-Reperfusion Injury: A Bioinformatics Analysis. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 4817-4825.	3.5	4
49	Protective effect of melatonin on reexpansion pulmonary edema in rats model. <i>Chinese Medical Journal</i> , 2013, 126, 500-4.	2.3	4
50	External use of Mirabilite combined with Lactulose improves postoperative gastrointestinal mobility among older patients undergoing abdominal surgery. <i>Journal of Advanced Nursing</i> , 2021, 77, 755-762.	3.3	3
51	Coagulation dysfunction in ICU patients with coronavirus disease 2019 in Wuhan, China: a retrospective observational study of 75 fatal cases. <i>Aging</i> , 2021, 13, 1591-1607.	3.1	3
52	PCR coupled to electrospray ionization mass spectrometry formicrobiological diagnosis and surveillance of ventilator-associated pneumonia. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 3587-3594.	1.8	2
53	Inhaled Nitric Oxide Improved Refractory Hypoxemia Through Attenuation of Intra-Pulmonary Shunt. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, , .	5.6	2
54	Hydrocortisone plus fludrocortisone: Taichi of risk hedge for improving adults with septic shock. <i>Journal of Thoracic Disease</i> , 2018, 10, E596-E597.	1.4	1

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55	Expert consensus on management of analgesia and sedation for patients with severe coronavirus disease 2019. Chinese Medical Journal, 2020, 133, 2186-2188.	2.3	1
56	Bedside Evaluation of Pulmonary Embolism by Saline Contrast-enhanced Electrical Impedance Tomography: Considerations for Future Research. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 394-395.	5.6	1
57	The efficacy of parenteral fish oil in critical illness patients with sepsis: a prospective, non-randomized, observational study. Asia Pacific Journal of Clinical Nutrition, 2018, 27, 306-312.	0.4	1
58	Transcervical minimally invasive esophagectomy: hemodynamic study on an animal model. Journal of Thoracic Disease, 2020, 12, 6505-6513.	1.4	1
59	Contrast-enhanced Ultrasonography Value for Early Prediction of Delayed Graft Function in Renal Transplantation Patients. Journal of Ultrasound in Medicine, 2023, 42, 201-210.	1.7	1
60	Reply to "Early prediction of sepsis-induced acute kidney injury". Journal of Critical Care, 2018, 48, 476.	2.2	0
61	Potential effect of pulmonary fluid viscosity on positive end-expiratory pressure and regional distribution of lung ventilation in acute respiratory distress syndrome. Clinical Biomechanics, 2021, 87, 105407.	1.2	0
62	Piezo1 Regulation of Lung Endothelial Barrier Function in Left Heart Failure. FASEB Journal, 2018, 32, 750.19.	0.5	0