Ling Liu

List of Publications by Year
in descending order

63	1,798	236925 25	289244 40
papers	citations	h-index	g-index

81	81	81	2499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TRPM7 inhibitor carvacrol protects brain from neonatal hypoxic-ischemic injury. Molecular Brain, 2015, 8, 11.	2.6	106
2	A novel non-invasive method to detect excessively high respiratory effort and dynamic transpulmonary driving pressure during mechanical ventilation. Critical Care, 2019, 23, 346.	5.8	104
3	Mesenchymal stem cells induce dendritic cell immune tolerance via paracrine hepatocyte growth factor to alleviate acute lung injury. Stem Cell Research and Therapy, 2019, 10, 372.	5.5	100
4	Mesenchymal Stem Cells Overexpressing Angiotensin-Converting Enzyme 2 Rescue Lipopolysaccharide-Induced Lung Injury. Cell Transplantation, 2015, 24, 1699-1715.	2.5	88
5	Neuroventilatory efficiency and extubation readiness in critically ill patients. Critical Care, 2012, 16, R143.	5.8	86
6	Comparison of the effects of albumin and crystalloid on mortality in adult patients with severe sepsis and septic shock: a meta-analysis of randomized clinical trials. Critical Care, 2014, 18, 702.	5.8	81
7	LincRNA-p21 promotes mesenchymal stem cell migration capacity and survival through hypoxic preconditioning. Stem Cell Research and Therapy, 2018, 9, 280.	5.5	75
8	The hepatocyte growth factor-expressing character is required for mesenchymal stem cells to protect the lung injured by lipopolysaccharide in vivo. Stem Cell Research and Therapy, 2016, 7, 66.	5.5	71
9	A simple nomogram for predicting failure of non-invasive respiratory strategies in adults with COVID-19: a retrospective multicentre study. The Lancet Digital Health, 2021, 3, e166-e174.	12.3	63
10	A high mean arterial pressure target is associated with improved microcirculation in septic shock patients with previous hypertension: a prospective open label study. Critical Care, 2015, 19, 130.	5.8	57
11	The Vascular Endothelial Growth Factors-Expressing Character of Mesenchymal Stem Cells Plays a Positive Role in Treatment of Acute Lung InjuryIn Vivo. Mediators of Inflammation, 2016, 2016, 1-12.	3.0	54
12	Marine Compound Xyloketal B Reduces Neonatal Hypoxic-Ischemic Brain Injury. Marine Drugs, 2015, 13, 29-47.	4.6	44
13	Higher PEEP improves outcomes in ARDS patients with clinically objective positive oxygenation response to PEEP: a systematic review and meta-analysis. BMC Anesthesiology, 2018, 18, 172.	1.8	44
14	Neuroprotective Effects of a PSD-95 Inhibitor in Neonatal Hypoxic-Ischemic Brain Injury. Molecular Neurobiology, 2016, 53, 5962-5970.	4.0	35
15	Identification of regional overdistension, recruitment and cyclic alveolar collapse with electrical impedance tomography in an experimental ARDS model. Critical Care, 2016, 20, 119.	5.8	32
16	Therapeutic Effects of Bone Marrow-Derived Mesenchymal Stem Cells in Models of Pulmonary and Extrapulmonary Acute Lung Injury. Cell Transplantation, 2015, 24, 2629-2642.	2.5	31
17	Biomechanical Motionâ€Activated Endogenous Wound Healing through LBL Selfâ€Powered Nanocomposite Repairer with pHâ€Responsive Antiâ€Inflammatory Effect. Small, 2021, 17, e2103997.	10.0	31
18	Acute Respiratory Distress Syndrome. Chinese Medical Journal, 2018, 131, 1220-1224.	2.3	30

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19	Early and dynamic alterations of Th2/Th1 in previously immunocompetent patients with community-acquired severe sepsis: a prospective observational study. Journal of Translational Medicine, 2019, 17, 57.	4.4	30
20	Losartan inhibits conventional dendritic cell maturation and Th1 and Th17 polarization responses: îovel mechanisms of preventive effects on lipopolysaccharide-induced acute lung injury. International Journal of Molecular Medicine, 2011, 29, 269-76.	4.0	29
21	Practice of diagnosis and management of acute respiratory distress syndrome in mainland China: a cross-sectional study. Journal of Thoracic Disease, 2018, 10, 5394-5404.	1.4	27
22	Neurally Adjusted Ventilatory AssistversusPressure Support Ventilation in Difficult Weaning. Anesthesiology, 2020, 132, 1482-1493.	2.5	25
23	Genetic Modification of Mesenchymal Stem Cells Overexpressing Angiotensin II Type 2 Receptor Increases Cell Migration to Injured Lung in LPS-Induced Acute Lung Injury Mice. Stem Cells Translational Medicine, 2018, 7, 721-730.	3.3	24
24	Neurally-Adjusted Ventilatory Assist for Noninvasive Ventilation via a Helmet in Subjects With COPD Exacerbation: A Physiologic Study. Respiratory Care, 2019, 64, 582-589.	1.6	24
25	Mesenchymal stem cells activate Notch signaling to induce regulatory dendritic cells in LPS-induced acute lung injury. Journal of Translational Medicine, 2020, 18, 241.	4.4	23
26	Neural versus pneumatic control of pressure support in patients with chronic obstructive pulmonary diseases at different levels of positive end expiratory pressure: a physiological study. Critical Care, 2015, 19, 244.	5.8	22
27	The effects of low tidal ventilation on lung strain correlate with respiratory system compliance. Critical Care, 2017, 21, 23.	5.8	22
28	Effects of neurally adjusted ventilatory assist on air distribution and dead space in patients with acute exacerbation of chronic obstructive pulmonary disease. Critical Care, 2017, 21, 126.	5.8	19
29	Mortality and Clinical Interventions in Critically ill Patient With Coronavirus Disease 2019: A Systematic Review and Meta-Analysis. Frontiers in Medicine, 2021, 8, 635560.	2.6	18
30	Plasma microRNAs levels are different between pulmonary and extrapulmonary ARDS patients: a clinical observational study. Annals of Intensive Care, 2018, 8, 23.	4.6	16
31	Assessment of patient-ventilator breath contribution during neurally adjusted ventilatory assist in patients with acute respiratory failure. Critical Care, 2015, 19, 43.	5.8	13
32	Effects of Propofol on Respiratory Drive and Patient-ventilator Synchrony during Pressure Support Ventilation in Postoperative Patients. Chinese Medical Journal, 2017, 130, 1155-1160.	2.3	12
33	A modified acute respiratory distress syndrome prediction score: a multicenter cohort study in China. Journal of Thoracic Disease, 2018, 10, 5764-5773.	1.4	12
34	Neurally adjusted ventilatory assist as a weaning mode for adults with invasive mechanical ventilation: a systematic review and meta-analysis. Critical Care, 2021, 25, 222.	5.8	11
35	Synbiotic Therapy Prevents Nosocomial Infection in Critically Ill Adult Patients: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials Based on a Bayesian Framework. Frontiers in Medicine, 2021, 8, 693188.	2.6	10
36	Developmental programming and lineage branching of early human telencephalon. EMBO Journal, 2021, 40, e107277.	7.8	10

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37	Secretory Autophagosomes from Alveolar Macrophages Exacerbate Acute Respiratory Distress Syndrome by Releasing IL-1Î². Journal of Inflammation Research, 2022, Volume 15, 127-140.	3.5	10
38	The Effect of Loop Diuretics on 28-Day Mortality in Patients With Acute Respiratory Distress Syndrome. Frontiers in Medicine, 2021, 8, 740675.	2.6	9
39	Computer-driven automated weaning reduces weaning duration in difficult-to-wean patients. Chinese Medical Journal, 2013, 126, 1814-8.	2.3	9
40	Feasibility of neurally adjusted positive end-expiratory pressure in rabbits with early experimental lung injury. BMC Anesthesiology, 2015, 15, 124.	1.8	8
41	Mesenchymal stem cell-derived extracellular vesicles prevent glioma by blocking M2 polarization of macrophages through a miR-744-5p/TGFB1-dependent mechanism. Cell Biology and Toxicology, 2022, , 1.	5.3	8
42	Endotoxemia accelerates diaphragm dysfunction in ventilated rabbits. Journal of Surgical Research, 2016, 206, 507-516.	1.6	7
43	Differential expression of genes associated with T lymphocytes function in septic patients with hypoxemia challenge. Annals of Translational Medicine, 2019, 7, 810-810.	1.7	7
44	A Novel Index to Predict the Failure of High-Flow Nasal Cannula in Patients with Acute Hypoxemic Respiratory Failure: A Pilot Study. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 910-913.	5.6	7
45	Early- and Late-Onset Bloodstream Infections in the Intensive Care Unit: A Retrospective 5-Year Study of Patients at a University Hospital in China. Journal of Infectious Diseases, 2020, 221, S184-S192.	4.0	6
46	Association Between Pathophysiology and Volume of Distribution Among Patients With Sepsis or Septic Shock Treated With Imipenem: A Prospective Cohort Study. Journal of Infectious Diseases, 2020, 221, S272-S278.	4.0	6
47	Diagnosis Accuracy of Lung Ultrasound for ARF in Critically Ill Patients: A Systematic Review and Meta-Analysis. Frontiers in Medicine, 2021, 8, 705960.	2.6	6
48	Physiological effects of different recruitment maneuvers in a pig model of ARDS. BMC Anesthesiology, 2020, 20, 266.	1.8	5
49	Î²-Catenin Deletion in Regional Neural Progenitors Leads to Congenital Hydrocephalus in Mice. Neuroscience Bulletin, 2022, 38, 81-94.	2.9	5
50	Venovenous extra-corporeal membrane oxygenation for severe acute respiratory distress syndrome. Chinese Medical Journal, 2019, 132, 2192-2198.	2.3	4
51	Neurally Adjusted Ventilatory Assist vs. Conventional Mechanical Ventilation in Adults and Children With Acute Respiratory Failure: A Systematic Review and Meta-Analysis. Frontiers in Medicine, 2022, 9, 814245.	2.6	4
52	Feasibility of neurally synchronized and proportional negative pressure ventilation in a small animal model. Physiological Reports, 2020, 8, e14499.	1.7	3
53	Neural control of pressure support ventilation improved patient-ventilator synchrony in patients with different respiratory system mechanical properties: a prospective, crossover trial. Chinese Medical Journal, 2021, 134, 281-291.	2.3	3
54	A Retrospective Paired Comparison Between Untargeted Next Generation Sequencing and Conventional Microbiology Tests With Wisely Chosen Metagenomic Sequencing Positive Criteria. Frontiers in Medicine, 2021, 8, 686247.	2.6	3

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55	Economic variations in patterns of care and outcomes of patients receiving invasive mechanical ventilation in China: a national cross-sectional survey. Journal of Thoracic Disease, 2019, 11, 2878-2889.	1.4	2
56	Nucleotide polymorphism in ARDS outcome: a whole exome sequencing association study. Annals of Translational Medicine, 2021, 9, 780-780.	1.7	2
57	An optimized method for the induction and purification of mouse bone marrow dendritic cells. Journal of Immunological Methods, 2021, 495, 113073.	1.4	2
58	A nomogram predicting severe COVID-19 based on a large study cohort from China. American Journal of Emergency Medicine, 2021, 50, 218-223.	1.6	2
59	Midazolam increases preload dependency during endotoxic shock in rabbits by affecting venous vascular tone. Annals of Intensive Care, 2018, 8, 59.	4.6	1
60	Circulating Th1 and Th2 Subset Accumulation Kinetics in Septic Patients with Distinct Infection Sites: Pulmonary versus Nonpulmonary. Mediators of Inflammation, 2020, 2020, 1-10.	3.0	1
61	Automatic Adjustment of the Inspiratory Trigger and Cycling-Off Criteria Improved Patient-Ventilator Asynchrony During Pressure Support Ventilation. Frontiers in Medicine, 2021, 8, 752508.	2.6	1
62	Effects of high-frequency oscillatory ventilation and conventional mechanical ventilation on oxygen metabolism and tissue perfusion in sheep models of acute respiratory distress syndrome. Chinese Medical Journal, 2014, 127, 3243-8.	2.3	1
63	Isolation of Primary Mouse Pulmonary Microvascular Endothelial Cells and Generation of an Immortalized Cell Line to Obtain Sufficient Extracellular Vesicles. Frontiers in Immunology, 2021, 12, 759176.	4.8	0