

Ling Liu

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

1,101

citations

20

h-index

31

g-index

81

ext. papers

1,461

ext. citations

5.8

avg, IF

4.14

L-index

#	Paper	IF	Citations
66	Mesenchymal stem cell-derived extracellular vesicles prevent glioma by blocking M2 polarization of macrophages through a miR-744-5p/TGFB1-dependent mechanism.. <i>Cell Biology and Toxicology</i> , 2022 , 1	7.4	0
65	Secretory Autophagosomes from Alveolar Macrophages Exacerbate Acute Respiratory Distress Syndrome by Releasing IL-1 β <i>Journal of Inflammation Research</i> , 2022 , 15, 127-140	4.8	0
64	Neurally Adjusted Ventilatory Assist vs. Conventional Mechanical Ventilation in Adults and Children With Acute Respiratory Failure: A Systematic Review and Meta-Analysis.. <i>Frontiers in Medicine</i> , 2022 , 9, 814245	4.9	0
63	Automatic Adjustment of the Inspiratory Trigger and Cycling-Off Criteria Improved Patient-Ventilator Asynchrony During Pressure Support Ventilation. <i>Frontiers in Medicine</i> , 2021 , 8, 752508	4.9	1
62	A Retrospective Paired Comparison Between Untargeted Next Generation Sequencing and Conventional Microbiology Tests With Wisely Chosen Metagenomic Sequencing Positive Criteria. <i>Frontiers in Medicine</i> , 2021 , 8, 686247	4.9	
61	Biomechanical Motion-Activated Endogenous Wound Healing through LBL Self-Powered Nanocomposite Repairer with pH-Responsive Anti-Inflammatory Effect. <i>Small</i> , 2021 , e2103997	11	9
60	A simple nomogram for predicting failure of non-invasive respiratory strategies in adults with COVID-19: a retrospective multicentre study. <i>The Lancet Digital Health</i> , 2021 , 3, e166-e174	14.4	13
59	Nucleotide polymorphism in ARDS outcome: a whole exome sequencing association study. <i>Annals of Translational Medicine</i> , 2021 , 9, 780	3.2	
58	Neurally adjusted ventilatory assist as a weaning mode for adults with invasive mechanical ventilation: a systematic review and meta-analysis. <i>Critical Care</i> , 2021 , 25, 222	10.8	1
57	Mortality and Clinical Interventions in Critically ill Patient With Coronavirus Disease 2019: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021 , 8, 635560	4.9	3
56	Neural control of pressure support ventilation improved patient-ventilator synchrony in patients with different respiratory system mechanical properties: a prospective, crossover trial. <i>Chinese Medical Journal</i> , 2021 , 134, 281-291	2.9	2
55	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. <i>Frontiers in Medicine</i> , 2021 , 8, 693188	4.9	3
54	An optimized method for the induction and purification of mouse bone marrow dendritic cells. <i>Journal of Immunological Methods</i> , 2021 , 495, 113073	2.5	1
53	β Catenin Deletion in Regional Neural Progenitors Leads to Congenital Hydrocephalus in Mice. <i>Neuroscience Bulletin</i> , 2021 , 1	4.3	0
52	Diagnosis Accuracy of Lung Ultrasound for ARF in Critically Ill Patients: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021 , 8, 705960	4.9	0
51	The Effect of Loop Diuretics on 28-Day Mortality in Patients With Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 2021 , 8, 740675	4.9	0
50	Developmental programming and lineage branching of early human telencephalon. <i>EMBO Journal</i> , 2021 , 40, e107277	13	1

49	A nomogram predicting severe COVID-19 based on a large study cohort from China. <i>American Journal of Emergency Medicine</i> , 2021 , 50, 218-223	2.9	2
48	Isolation of Primary Mouse Pulmonary Microvascular Endothelial Cells and Generation of an Immortalized Cell Line to Obtain Sufficient Extracellular Vesicles.. <i>Frontiers in Immunology</i> , 2021 , 12, 759176	8.4	
47	Physiological effects of different recruitment maneuvers in a pig model of ARDS. <i>BMC Anesthesiology</i> , 2020 , 20, 266	2.4	0
46	Mesenchymal stem cells activate Notch signaling to induce regulatory dendritic cells in LPS-induced acute lung injury. <i>Journal of Translational Medicine</i> , 2020 , 18, 241	8.5	10
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. <i>Journal of Infectious Diseases</i> , 2020 , 221, S184-S192	7	1
44	Association Between Pathophysiology and Volume of Distribution Among Patients With Sepsis or Septic Shock Treated With Imipenem: A Prospective Cohort Study. <i>Journal of Infectious Diseases</i> , 2020 , 221, S272-S278	7	0
43	Neurally Adjusted Ventilatory Assist versus Pressure Support Ventilation in Difficult Weaning: A Randomized Trial. <i>Anesthesiology</i> , 2020 , 132, 1482-1493	4.3	10
42	Circulating Th1 and Th2 Subset Accumulation Kinetics in Septic Patients with Distinct Infection Sites: Pulmonary versus Nonpulmonary. <i>Mediators of Inflammation</i> , 2020 , 2020, 8032806	4.3	0
41	Feasibility of neurally synchronized and proportional negative pressure ventilation in a small animal model. <i>Physiological Reports</i> , 2020 , 8, e14499	2.6	2
40	Overexpression of TGF β 1 in murine mesenchymal stem cells improves lung inflammation by impacting the Th17/Treg balance in LPS-induced ARDS mice. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 311	8.3	13
39	Overexpressing p130/E2F4 in mesenchymal stem cells facilitates the repair of injured alveolar epithelial cells in LPS-induced ARDS mice. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 74	8.3	26
38	Early and dynamic alterations of Th2/Th1 in previously immunocompetent patients with community-acquired severe sepsis: a prospective observational study. <i>Journal of Translational Medicine</i> , 2019 , 17, 57	8.5	15
37	Economic variations in patterns of care and outcomes of patients receiving invasive mechanical ventilation in China: a national cross-sectional survey. <i>Journal of Thoracic Disease</i> , 2019 , 11, 2878-2889	2.6	2
36	A novel non-invasive method to detect excessively high respiratory effort and dynamic transpulmonary driving pressure during mechanical ventilation. <i>Critical Care</i> , 2019 , 23, 346	10.8	48
35	Neurally-Adjusted Ventilatory Assist for Noninvasive Ventilation via a Helmet in Subjects With COPD Exacerbation: A Physiologic Study. <i>Respiratory Care</i> , 2019 , 64, 582-589	2.1	20
34	Differential expression of genes associated with T lymphocytes function in septic patients with hypoxemia challenge. <i>Annals of Translational Medicine</i> , 2019 , 7, 810	3.2	3
33	Venovenous extra-corporeal membrane oxygenation for severe acute respiratory distress syndrome: a matched cohort study. <i>Chinese Medical Journal</i> , 2019 , 132, 2192-2198	2.9	3
32	Mesenchymal stem cells induce dendritic cell immune tolerance via paracrine hepatocyte growth factor to alleviate acute lung injury. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 372	8.3	56

31	Chemokine receptor 7 overexpression promotes mesenchymal stem cell migration and proliferation via secreting Chemokine ligand 12. <i>Scientific Reports</i> , 2018 , 8, 204	4.9	24
30	Plasma microRNAs levels are different between pulmonary and extrapulmonary ARDS patients: a clinical observational study. <i>Annals of Intensive Care</i> , 2018 , 8, 23	8.9	11
29	Midazolam increases preload dependency during endotoxic shock in rabbits by affecting venous vascular tone. <i>Annals of Intensive Care</i> , 2018 , 8, 59	8.9	1
28	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. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 721-730	6.9	19
27	Higher PEEP improves outcomes in ARDS patients with clinically objective positive oxygenation response to PEEP: a systematic review and meta-analysis. <i>BMC Anesthesiology</i> , 2018 , 18, 172	2.4	24
26	LincRNA-p21 promotes mesenchymal stem cell migration capacity and survival through hypoxic preconditioning. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 280	8.3	45
25	Acute Respiratory Distress Syndrome: Challenge for Diagnosis and Therapy. <i>Chinese Medical Journal</i> , 2018 , 131, 1220-1224	2.9	20
24	A modified acute respiratory distress syndrome prediction score: a multicenter cohort study in China. <i>Journal of Thoracic Disease</i> , 2018 , 10, 5764-5773	2.6	5
23	Practice of diagnosis and management of acute respiratory distress syndrome in mainland China: a cross-sectional study. <i>Journal of Thoracic Disease</i> , 2018 , 10, 5394-5404	2.6	11
22	The effects of low tidal ventilation on lung strain correlate with respiratory system compliance. <i>Critical Care</i> , 2017 , 21, 23	10.8	13
21	Effects of neurally adjusted ventilatory assist on air distribution and dead space in patients with acute exacerbation of chronic obstructive pulmonary disease. <i>Critical Care</i> , 2017 , 21, 126	10.8	13
20	Effects of Propofol on Respiratory Drive and Patient-ventilator Synchrony during Pressure Support Ventilation in Postoperative Patients: A Prospective Study. <i>Chinese Medical Journal</i> , 2017 , 130, 1155-1160	2.9	7
19	The hepatocyte growth factor-expressing character is required for mesenchymal stem cells to protect the lung injured by lipopolysaccharide in vivo. <i>Stem Cell Research and Therapy</i> , 2016 , 7, 66	8.3	52
18	Neuroprotective Effects of a PSD-95 Inhibitor in Neonatal Hypoxic-Ischemic Brain Injury. <i>Molecular Neurobiology</i> , 2016 , 53, 5962-5970	6.2	27
17	The Vascular Endothelial Growth Factors-Expressing Character of Mesenchymal Stem Cells Plays a Positive Role in Treatment of Acute Lung Injury In Vivo. <i>Mediators of Inflammation</i> , 2016 , 2016, 2347938	4.3	42
16	Identification of regional overdistension, recruitment and cyclic alveolar collapse with electrical impedance tomography in an experimental ARDS model. <i>Critical Care</i> , 2016 , 20, 119	10.8	27
15	Endotoxemia accelerates diaphragm dysfunction in ventilated rabbits. <i>Journal of Surgical Research</i> , 2016 , 206, 507-516	2.5	6
14	Assessment of patient-ventilator breath contribution during neurally adjusted ventilatory assist in patients with acute respiratory failure. <i>Critical Care</i> , 2015 , 19, 43	10.8	11

13	TRPM7 inhibitor carvacrol protects brain from neonatal hypoxic-ischemic injury. <i>Molecular Brain</i> , 2015 , 8, 11	4.5	73
12	Therapeutic Effects of Bone Marrow-Derived Mesenchymal Stem Cells in Models of Pulmonary and Extrapulmonary Acute Lung Injury. <i>Cell Transplantation</i> , 2015 , 24, 2629-42	4	27
11	Feasibility of neurally adjusted positive end-expiratory pressure in rabbits with early experimental lung injury. <i>BMC Anesthesiology</i> , 2015 , 15, 124	2.4	7
10	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. <i>Critical Care</i> , 2015 , 19, 244	10.8	18
9	Activation of Wnt/ β -catenin signalling promotes mesenchymal stem cells to repair injured alveolar epithelium induced by lipopolysaccharide in mice. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 65	8.3	56
8	Mesenchymal Stem Cells Overexpressing Angiotensin-Converting Enzyme 2 Rescue Lipopolysaccharide-Induced Lung Injury. <i>Cell Transplantation</i> , 2015 , 24, 1699-715	4	71
7	A high mean arterial pressure target is associated with improved microcirculation in septic shock patients with previous hypertension: a prospective open label study. <i>Critical Care</i> , 2015 , 19, 130	10.8	35
6	Marine compound xyloketal B reduces neonatal hypoxic-ischemic brain injury. <i>Marine Drugs</i> , 2014 , 13, 29-47	6	39
5	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. <i>Critical Care</i> , 2014 , 18, 702	10.8	48
4	Effects of high-frequency oscillatory ventilation and conventional mechanical ventilation on oxygen metabolism and tissue perfusion in sheep models of acute respiratory distress syndrome. <i>Chinese Medical Journal</i> , 2014 , 127, 3243-8	2.9	1
3	Computer-driven automated weaning reduces weaning duration in difficult-to-wean patients. <i>Chinese Medical Journal</i> , 2013 , 126, 1814-8	2.9	8
2	Neuroventilatory efficiency and extubation readiness in critically ill patients. <i>Critical Care</i> , 2012 , 16, R143	10.8	64
1	Losartan inhibits conventional dendritic cell maturation and Th1 and Th17 polarization responses: Novel mechanisms of preventive effects on lipopolysaccharide-induced acute lung injury. <i>International Journal of Molecular Medicine</i> , 2012 , 29, 269-76	4.4	25