

Ling Liu

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,798
citations

236925

25
h-index

289244

40
g-index

81
all docs

81
docs citations

81
times ranked

2499
citing authors

#	ARTICLE	IF	CITATIONS
1	β2-Catenin Deletion in Regional Neural Progenitors Leads to Congenital Hydrocephalus in Mice. <i>Neuroscience Bulletin</i> , 2022, 38, 81-94.	2.9	5
2	Mesenchymal stem cell-derived extracellular vesicles prevent glioma by blocking M2 polarization of macrophages through a miR-744-5p/TGFβ1-dependent mechanism. <i>Cell Biology and Toxicology</i> , 2022, , 1.	5.3	8
3	Secretory Autophagosomes from Alveolar Macrophages Exacerbate Acute Respiratory Distress Syndrome by Releasing IL-1β. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 127-140.	3.5	10
4	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.	2.6	4
5	A Novel Index to Predict the Failure of High-Flow Nasal Cannula in Patients with Acute Hypoxemic Respiratory Failure: A Pilot Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 910-913.	5.6	7
6	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.	2.3	3
7	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.	12.3	63
8	Nucleotide polymorphism in ARDS outcome: a whole exome sequencing association study. <i>Annals of Translational Medicine</i> , 2021, 9, 780-780.	1.7	2
9	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.	5.8	11
10	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.	2.6	18
11	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.	2.6	10
12	An optimized method for the induction and purification of mouse bone marrow dendritic cells. <i>Journal of Immunological Methods</i> , 2021, 495, 113073.	1.4	2
13	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.	2.6	6
14	The Effect of Loop Diuretics on 28-Day Mortality in Patients With Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 2021, 8, 740675.	2.6	9
15	Developmental programming and lineage branching of early human telencephalon. <i>EMBO Journal</i> , 2021, 40, e107277.	7.8	10
16	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.	1.6	2
17	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.	2.6	3
18	Biomechanical Motion-Activated Endogenous Wound Healing through LBL Self-Powered Nanocomposite Repairer with pH-Responsive Anti-Inflammatory Effect. <i>Small</i> , 2021, 17, e2103997.	10.0	31

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19	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.	2.6	1
20	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.	4.8	0
21	Circulating Th1 and Th2 Subset Accumulation Kinetics in Septic Patients with Distinct Infection Sites: Pulmonary versus Nonpulmonary. <i>Mediators of Inflammation</i> , 2020, 2020, 1-10.	3.0	1
22	Feasibility of neurally synchronized and proportional negative pressure ventilation in a small animal model. <i>Physiological Reports</i> , 2020, 8, e14499.	1.7	3
23	Physiological effects of different recruitment maneuvers in a pig model of ARDS. <i>BMC Anesthesiology</i> , 2020, 20, 266.	1.8	5
24	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.	4.4	23
25	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.	4.0	6
26	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.	4.0	6
27	Neurally Adjusted Ventilatory Assist versus Pressure Support Ventilation in Difficult Weaning. <i>Anesthesiology</i> , 2020, 132, 1482-1493.	2.5	25
28	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.	1.4	2
29	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.	5.8	104
30	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.	4.4	30
31	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.	1.6	24
32	Differential expression of genes associated with T lymphocytes function in septic patients with hypoxemia challenge. <i>Annals of Translational Medicine</i> , 2019, 7, 810-810.	1.7	7
33	Venovenous extra-corporeal membrane oxygenation for severe acute respiratory distress syndrome. <i>Chinese Medical Journal</i> , 2019, 132, 2192-2198.	2.3	4
34	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.	5.5	100
35	Plasma microRNAs levels are different between pulmonary and extrapulmonary ARDS patients: a clinical observational study. <i>Annals of Intensive Care</i> , 2018, 8, 23.	4.6	16
36	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.	1.8	44

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37	LincRNA-p21 promotes mesenchymal stem cell migration capacity and survival through hypoxic preconditioning. <i>Stem Cell Research and Therapy</i> , 2018, 9, 280.	5.5	75
38	Acute Respiratory Distress Syndrome. <i>Chinese Medical Journal</i> , 2018, 131, 1220-1224.	2.3	30
39	A modified acute respiratory distress syndrome prediction score: a multicenter cohort study in China. <i>Journal of Thoracic Disease</i> , 2018, 10, 5764-5773.	1.4	12
40	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.	1.4	27
41	Midazolam increases preload dependency during endotoxic shock in rabbits by affecting venous vascular tone. <i>Annals of Intensive Care</i> , 2018, 8, 59.	4.6	1
42	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.	3.3	24
43	The effects of low tidal ventilation on lung strain correlate with respiratory system compliance. <i>Critical Care</i> , 2017, 21, 23.	5.8	22
44	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.	5.8	19
45	Effects of Propofol on Respiratory Drive and Patient-ventilator Synchrony during Pressure Support Ventilation in Postoperative Patients. <i>Chinese Medical Journal</i> , 2017, 130, 1155-1160.	2.3	12
46	The Vascular Endothelial Growth Factors-Expressing Character of Mesenchymal Stem Cells Plays a Positive Role in Treatment of Acute Lung Injury <i><i>In Vivo</i></i> . <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.0	54
47	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.	5.8	32
48	Endotoxemia accelerates diaphragm dysfunction in ventilated rabbits. <i>Journal of Surgical Research</i> , 2016, 206, 507-516.	1.6	7
49	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.	5.5	71
50	Neuroprotective Effects of a PSD-95 Inhibitor in Neonatal Hypoxic-Ischemic Brain Injury. <i>Molecular Neurobiology</i> , 2016, 53, 5962-5970.	4.0	35
51	Therapeutic Effects of Bone Marrow-Derived Mesenchymal Stem Cells in Models of Pulmonary and Extrapulmonary Acute Lung Injury. <i>Cell Transplantation</i> , 2015, 24, 2629-2642.	2.5	31
52	Feasibility of neurally adjusted positive end-expiratory pressure in rabbits with early experimental lung injury. <i>BMC Anesthesiology</i> , 2015, 15, 124.	1.8	8
53	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.	5.8	22
54	Mesenchymal Stem Cells Overexpressing Angiotensin-Converting Enzyme 2 Rescue Lipopolysaccharide-Induced Lung Injury. <i>Cell Transplantation</i> , 2015, 24, 1699-1715.	2.5	88

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55	Marine Compound Xyloketal B Reduces Neonatal Hypoxic-Ischemic Brain Injury. <i>Marine Drugs</i> , 2015, 13, 29-47.	4.6	44
56	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.	5.8	57
57	Assessment of patient-ventilator breath contribution during neurally adjusted ventilatory assist in patients with acute respiratory failure. <i>Critical Care</i> , 2015, 19, 43.	5.8	13
58	TRPM7 inhibitor carvacrol protects brain from neonatal hypoxic-ischemic injury. <i>Molecular Brain</i> , 2015, 8, 11.	2.6	106
59	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.	5.8	81
60	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.	2.3	1
61	Computer-driven automated weaning reduces weaning duration in difficult-to-wean patients. <i>Chinese Medical Journal</i> , 2013, 126, 1814-8.	2.3	9
62	Neuroventilatory efficiency and extubation readiness in critically ill patients. <i>Critical Care</i> , 2012, 16, R143.	5.8	86
63	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> , 2011, 29, 269-76.	4.0	29