

# Lei Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,900  
citations

361296

20  
h-index

276775

41  
g-index

46  
all docs

46  
docs citations

46  
times ranked

4403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistence and clearance of viral RNA in 2019 novel coronavirus disease rehabilitation patients. Chinese Medical Journal, 2020, 133, 1039-1043.	0.9	686
2	Regulation of the NLRP3 inflammasome and macrophage pyroptosis by the p38 MAPK signaling pathway in a mouse model of acute lung injury. Molecular Medicine Reports, 2018, 18, 4399-4409.	1.1	140
3	Update on the role of alternatively activated macrophages in asthma. Journal of Asthma and Allergy, 2016, 9, 101.	1.5	105
4	Calreticulin Blockade Attenuates Murine Acute Lung Injury by Inducing Polarization of M2 Subtype Macrophages. Frontiers in Immunology, 2020, 11, 11.	2.2	103
5	IL-13 Type 2 Innate Lymphoid Cells Correlate with Asthma Control Status and Treatment Response. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 675-683.	1.4	101
6	Exosomes derived from endothelial progenitor cells ameliorate acute lung injury by transferring miR-126. Experimental Cell Research, 2018, 370, 13-23.	1.2	96
7	Deletion of BACH1 Attenuates Atherosclerosis by Reducing Endothelial Inflammation. Circulation Research, 2022, 130, 1038-1055.	2.0	55
8	SIRT6 promotes angiogenesis and hemorrhage of carotid plaque via regulating HIF-1 $\alpha$ and reactive oxygen species. Cell Death and Disease, 2021, 12, 77.	2.7	50
9	MD-2 regulates LPS-induced NLRP3 inflammasome activation and IL-1 $\beta$ secretion by a MyD88/NF- $\kappa$ B-dependent pathway in alveolar macrophages cell line. Molecular Immunology, 2017, 90, 1-10.	1.0	47
10	Melatonin Alleviates Radiation-Induced Lung Injury via Regulation of miR-30e/NLRP3 Axis. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	1.9	45
11	Depletion of circulating monocytes suppresses IL-17 and HMGB1 expression in mice with LPS-induced acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L231-L242.	1.3	43
12	Update on molecular mechanisms of corticosteroid resistance in chronic obstructive pulmonary disease. Pulmonary Pharmacology and Therapeutics, 2016, 37, 1-8.	1.1	40
13	Clinical analysis of sinus bradycardia in patients with severe COVID-19 pneumonia. Critical Care, 2020, 24, 257.	2.5	38
14	Serum Exosomal MicroRNAs Predict Acute Respiratory Distress Syndrome Events in Patients with Severe Community-Acquired Pneumonia. BioMed Research International, 2019, 2019, 1-11.	0.9	29
15	Plasminogen Activator Inhibitor-1 Regulates LPS Induced Inflammation in Rat Macrophages through Autophagy Activation. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	27
16	H <sub>2</sub> S regulates endothelial nitric oxide synthase protein stability by promoting microRNA-455-3p expression. Scientific Reports, 2017, 7, 44807.	1.6	27
17	The participation of a neurocircuit from the paraventricular thalamus to amygdala in the depressive like behavior. Neuroscience Letters, 2011, 488, 81-86.	1.0	24
18	Lack of SOCS3 increases LPS-induced murine acute lung injury through modulation of Ly6C(+) macrophages. Respiratory Research, 2017, 18, 217.	1.4	23

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19	Resveratrol decreases CD45 + CD206 <sup>hi</sup> subtype macrophages in LPS-induced murine acute lung injury by SOCS3 signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 8101-8113.	1.6	23
20	S1PR3 deficiency alleviates radiation-induced pulmonary fibrosis through the regulation of epithelial-mesenchymal transition by targeting miR-495-3p. <i>Journal of Cellular Physiology</i> , 2020, 235, 2310-2324.	2.0	23
21	Corticosteroid prevents COVID-19 progression within its therapeutic window: a multicentre, proof-of-concept, observational study. <i>Emerging Microbes and Infections</i> , 2020, 9, 1869-1877.	3.0	23
22	Participation of Antidiuretic Hormone (ADH) in Asthma Exacerbations Induced by Psychological Stress via PKA/PKC Signal Pathway in Airway-Related Vagal Preganglionic Neurons (AVPNs). <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 2230-2241.	1.1	17
23	E124 Suppresses Tumorigenesis in Pancreatic Cancer via Regulating c-Myc. <i>Gastroenterology Research and Practice</i> , 2018, 2018, 1-12.	0.7	17
24	Rab5a-mediated autophagy regulates the phenotype and behavior of vascular smooth muscle cells. <i>Molecular Medicine Reports</i> , 2016, 14, 4445-4453.	1.1	12
25	Inhibition of estrogen related receptor $\alpha$ attenuates vascular smooth muscle cell proliferation and migration by regulating RhoA/p27 Kip1 and $\beta$ -Catenin/Wnt4 signaling pathway. <i>European Journal of Pharmacology</i> , 2017, 799, 188-195.	1.7	12
26	Efficacy of add-on sublingual immunotherapy for adults with asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 121, 186-194.	0.5	12
27	eNOS-Nitric Oxide System Contributes to a Novel Antiatherogenic Effect of Leonurine via Inflammation Inhibition and Plaque Stabilization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 463-475.	1.3	12
28	YB-1 Recruits Drosha to Promote Splicing of <i>pri-miR-192</i> to Mediate the Proangiogenic Effects of H <sub>2</sub> S. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 760-783.	2.5	12
29	Effect of memory CD4 <sup>+</sup> T cells' signal transducer and activator of transcription (STATs) functional shift on cytokine-releasing properties in asthma. <i>Cell Biology and Toxicology</i> , 2017, 33, 27-39.	2.4	10
30	Correlation between SHP-1 and carotid plaque vulnerability in humans. <i>Cardiovascular Pathology</i> , 2020, 49, 107258.	0.7	8
31	The value of small airway function parameters and fractional exhaled nitric oxide for predicting positive methacholine challenge test in asthmatics of different ages with FEV <sub>1</sub> $\geq$ 80% predicted. <i>Clinical and Translational Allergy</i> , 2021, 11, e12007.	1.4	7
32	Predictors of mortality for hospitalized young adults aged less than 60 years old with severe COVID-19: a retrospective study. <i>Journal of Thoracic Disease</i> , 2021, 13, 3628-3642.	0.6	6
33	Suppression of miR-130a-3p Attenuates Oxygen-Glucose Deprivation/Reoxygenation-Induced Dendritic Spine Loss by Promoting APP. <i>Frontiers in Neuroscience</i> , 2021, 15, 601850.	1.4	5
34	Organizing pneumonia secondary to lung cancer of unknown primary site. <i>Respiratory Medicine Case Reports</i> , 2019, 28, 100892.	0.2	4
35	Pull-through technique combined with percutaneous angioplasty for treating high-grade arteriovenous fistula stenosis. <i>Journal of Vascular Access</i> , 2020, 21, 223-229.	0.5	4
36	Severe eosinophilic asthma in Chinese C <sub>6</sub> BIOPRED asthma cohort. <i>Clinical and Translational Medicine</i> , 2022, 12, e710.	1.7	4

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37	Angle $\hat{\rho}^2$ of greater than $80^\circ$ at the start of spirometry may identify high-quality flow volume curves. <i>Respirology</i> , 2017, 22, 527-532.	1.3	3
38	Stable Chronic Obstructive Pulmonary Disease (COPD) Management Under a Tiered Medical System in China. <i>International Journal of COPD</i> , 2022, Volume 17, 181-194.	0.9	3
39	Effect of white matter changes on risk score for peri-procedural complications after carotid artery stenting. <i>Clinical Neurology and Neurosurgery</i> , 2018, 164, 108-113.	0.6	2
40	Inspiratory-Activated Airway Vagal Preganglionic Neurones Excited by Thyrotropin-Releasing Hormone via Multiple Mechanisms in Neonatal Rats. <i>Frontiers in Physiology</i> , 2018, 9, 881.	1.3	1