

# Weiping Xie

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,504  
citations

304743

22  
h-index

377865

34  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of NLRP3 inflammasome enhances the proliferation and migration of A549 lung cancer cells. <i>Oncology Reports</i> , 2016, 35, 2053-2064.	2.6	137
2	Differential expression of inflammasomes in lung cancer cell lines and tissues. <i>Tumor Biology</i> , 2015, 36, 7501-7513.	1.8	95
3	circHECTD1 promotes the silica-induced pulmonary endothelialâ€mesenchymal transition via HECTD1. <i>Cell Death and Disease</i> , 2018, 9, 396.	6.3	93
4	Aquaporinâ€4 Knockout Exacerbates Corticosteroneâ€Induced Depression by Inhibiting Astrocyte Function and Hippocampal Neurogenesis. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 391-402.	3.9	49
5	The synergistic effect of resveratrol in combination with cisplatin on apoptosis via modulating autophagy in A549 cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 528-535.	2.0	48
6	Effects of acupressure on chemotherapy-induced nausea and vomiting-a systematic review with meta-analyses and trial sequential analysis of randomized controlled trials. <i>International Journal of Nursing Studies</i> , 2017, 70, 27-37.	5.6	48
7	NLRP3 inflammasome inhibition attenuates silica-induced epithelial to mesenchymal transition (EMT) in human bronchial epithelial cells. <i>Experimental Cell Research</i> , 2018, 362, 489-497.	2.6	48
8	Megakaryocytic Leukemia 1 Directs a Histone H3 Lysine 4 Methyltransferase Complex to Regulate Hypoxic Pulmonary Hypertension. <i>Hypertension</i> , 2015, 65, 821-833.	2.7	45
9	An efficient Trojan delivery of tetrandrine by poly(N-vinylpyrrolidone)-block-poly(&epsilon;-caprolactone) (PVP-b-PCL) nanoparticles shows enhanced apoptotic induction of lung cancer cells and inhibition of its migration and invasion. <i>International Journal of Nanomedicine</i> , 2014, 9, 231.	6.7	41
10	Dipeptidyl peptidase IV (DPP-4) inhibition alleviates pulmonary arterial remodeling in experimental pulmonary hypertension. <i>Laboratory Investigation</i> , 2018, 98, 1333-1346.	3.7	40
11	SIRT1 deacetylates RFX5 and antagonizes repression of collagen type I (COL1A2) transcription in smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 428, 264-270.	2.1	34
12	Nicorandil Attenuates LPS-Induced Acute Lung Injury by Pulmonary Endothelial Cell Protection via NF- $\kappa$ B and MAPK Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	29
13	Iptakalim inhibits PDGF-BB-induced human airway smooth muscle cells proliferation and migration. <i>Experimental Cell Research</i> , 2015, 336, 204-210.	2.6	28
14	The effect of tetrandrine combined with cisplatin on proliferation and apoptosis of A549/DDP cells and A549 cells. <i>Cancer Cell International</i> , 2017, 17, 40.	4.1	28
15	Deguelin induces the apoptosis of lung cancer cells through regulating a ROS driven Akt pathway. <i>Cancer Cell International</i> , 2015, 15, 25.	4.1	27
16	Glucagon-like peptide-1 receptor activation alleviates lipopolysaccharide-induced acute lung injury in mice via maintenance of endothelial barrier function. <i>Laboratory Investigation</i> , 2019, 99, 577-587.	3.7	27
17	Effects of iptakalim hydrochloride, a novel KATP channel opener, on pulmonary vascular remodeling in hypoxic rats. <i>Life Sciences</i> , 2004, 75, 2065-2076.	4.3	26
18	Handgrip exercise reduces peripherally-inserted central catheter-related venous thrombosis in patients with solid cancers: A randomized controlled trial. <i>International Journal of Nursing Studies</i> , 2018, 86, 99-106.	5.6	26

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19	Therapy in stable chronic obstructive pulmonary disease patients with pulmonary hypertension: a systematic review and meta-analysis. <i>Journal of Thoracic Disease</i> , 2015, 7, 309-19.	1.4	26
20	Superior antitumor effect of extremely high drug loading self-assembled paclitaxel nanofibers. <i>International Journal of Pharmaceutics</i> , 2017, 526, 217-224.	5.2	25
21	Nicorandil reversed homocysteine-induced coronary microvascular dysfunction via regulating PI3K/Akt/eNOS pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 127, 110121.	5.6	25
22	Anti-proliferating effect of iptakalim, a novel KATP channel opener, in cultured rabbit pulmonary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , 2005, 511, 81-87.	3.5	24
23	Computed tomography measurement of pulmonary artery for diagnosis of COPD and its comorbidity pulmonary hypertension. <i>International Journal of COPD</i> , 2015, 10, 2525.	2.3	24
24	Fasudil inhibits neutrophil-endothelial cell interactions by regulating the expressions of GRP78 and BMRP2. <i>Experimental Cell Research</i> , 2018, 365, 97-105.	2.6	24
25	Etanercept attenuates short-term cigarette-smoke-exposure-induced pulmonary arterial remodelling in rats by suppressing the activation of TNF- $\alpha$ /NF- $\kappa$ B signal and the activities of MMP-2 and MMP-9. <i>Pulmonary Pharmacology and Therapeutics</i> , 2012, 25, 208-215.	2.6	22
26	Glutathione S-transferase M1 and T1 gene polymorphism and COPD risk in smokers: an updated analysis. <i>Molecular Biology Reports</i> , 2012, 39, 5033-5042.	2.3	21
27	A2b adenosine signaling represses CIITA transcription via an epigenetic mechanism in vascular smooth muscle cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 665-676.	1.9	21
28	Identification of a Novel Hybridization from Isosorbide 5-Mononitrate and Bardoxolone Methyl with Dual Activities of Pulmonary Vasodilation and Vascular Remodeling Inhibition on Pulmonary Arterial Hypertension Rats. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1474-1482.	6.4	20
29	Hypoxia induces the dysfunction of human endothelial colony-forming cells via HIF-1 $\alpha$ signaling. <i>Respiratory Physiology and Neurobiology</i> , 2018, 247, 87-95.	1.6	20
30	The beneficial effects of adjunctive recombinant human interleukin-2 for multidrug resistant tuberculosis. <i>Archives of Medical Science</i> , 2015, 3, 584-590.	0.9	19
31	Activated PKR inhibits pancreatic $\beta$ -cell proliferation through sumoylation-dependent stabilization of P53. <i>Molecular Immunology</i> , 2015, 68, 341-349.	2.2	19
32	Nicorandil inhibits hypoxia-induced apoptosis in human pulmonary artery endothelial cells through activation of mitoKATP and regulation of eNOS and the NF- $\kappa$ B pathway. <i>International Journal of Molecular Medicine</i> , 2013, 32, 187-194.	4.0	18
33	Glucagon-like peptide-1 (GLP-1) mediates the protective effects of dipeptidyl peptidase IV inhibition on pulmonary hypertension. <i>Journal of Biomedical Science</i> , 2019, 26, 6.	7.0	18
34	<p><Paeoniflorin Ameliorates Chronic Hypoxia/SU5416-Induced Pulmonary Arterial Hypertension by Inhibiting Endothelial-to-Mesenchymal Transition</p></p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1191-1202.	4.3	18
35	Activation of <sc>ATP</sc>-sensitive potassium channels facilitates the function of human endothelial colony-forming cells <i>via</i> Ca<sup>2+</sup>/Akt/<sc>eNOS</sc> pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 609-620.	3.6	17
36	Inhibition of Shp2 ameliorates monocrotaline-induced pulmonary arterial hypertension in rats. <i>BMC Pulmonary Medicine</i> , 2018, 18, 130.	2.0	17

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37	Fasudil dichloroacetate (FDCA), an orally available agent with potent therapeutic efficiency on monocrotaline-induced pulmonary arterial hypertension rats. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1812-1818.	2.2	17
38	Comparison of four DNA extraction methods for detecting <i>Mycobacterium tuberculosis</i> by real-time PCR and its clinical application in pulmonary tuberculosis. <i>Journal of Thoracic Disease</i> , 2013, 5, 251-7.	1.4	17
39	Iptakalim inhibited endothelin-1-induced proliferation of human pulmonary arterial smooth muscle cells through the activation of KATP channel. <i>Vascular Pharmacology</i> , 2008, 48, 92-99.	2.1	16
40	Characterization of the Uptake Efficiency and Cytotoxicity of Tetrandrine-Loaded Poly(<math>\epsilon</math>-caprolactone)-Block-Poly(<math>\epsilon</math>-vinylpyrrolidone) (PVP-b-PCL) Nanoparticles in the A549 Lung Adenocarcinoma Cell Line. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1699-1707.	1.1	15
41	New dynamic viewing of mast cells in pulmonary arterial hypertension (PAH): contributors or outsiders to cardiovascular remodeling. <i>Journal of Thoracic Disease</i> , 2018, 10, 3016-3026.	1.4	15
42	Glucagon-Like Peptide-1 Mediates the Protective Effect of the Dipeptidyl Peptidase IV Inhibitor on Renal Fibrosis via Reducing the Phenotypic Conversion of Renal Microvascular Cells in Monocrotaline-Treated Rats. <i>BioMed Research International</i> , 2018, 2018, 1-14.	1.9	15
43	Iptakalim, a novel ATP-sensitive potassium channel opener, inhibits pulmonary arterial smooth muscle cell proliferation by downregulation of PKC- $\alpha$ . <i>Journal of Biomedical Research</i> , 2011, 25, 392-401.	1.6	13
44	Adenosine signaling inhibits C/TA-mediated MHC class II transactivation in lung fibroblast cells. <i>European Journal of Immunology</i> , 2013, 43, 2162-2173.	2.9	13
45	Small pulmonary vascular alteration and acute exacerbations of COPD: quantitative computed tomography analysis. <i>International Journal of COPD</i> , 2016, Volume 11, 1965-1971.	2.3	13
46	Fasudil Dichloroacetate Alleviates SU5416/Hypoxia-Induced Pulmonary Arterial Hypertension by Ameliorating Dysfunction of Pulmonary Arterial Smooth Muscle Cells. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 1653-1666.	4.3	13
47	Fasudil alleviates LPS-induced lung injury by restoring aquaporin 5 expression and inhibiting inflammation in lungs. <i>Journal of Biomedical Research</i> , 2019, 33, 156.	1.6	13
48	Iptakalim attenuates hypoxia-induced pulmonary arterial hypertension in rats by endothelial function protection. <i>Molecular Medicine Reports</i> , 2015, 12, 2945-2952.	2.4	12
49	Serum IL-1 $\beta$ and IL-18 correlate with ESR and CRP in multidrug-resistant tuberculosis patients. <i>Journal of Biomedical Research</i> , 2015, 29, 426.	1.6	12
50	Inhibiting miR-1 attenuates pulmonary arterial hypertension in rats. <i>Molecular Medicine Reports</i> , 2021, 23, .	2.4	11
51	An increased risk of lung cancer in combined pulmonary fibrosis and emphysema patients with usual interstitial pneumonia compared with patients with idiopathic pulmonary fibrosis alone: a systematic review and meta-analysis. <i>Therapeutic Advances in Respiratory Disease</i> , 2021, 15, 175346662110170.	2.6	10
52	Iptakalim induces mitochondria-dependent apoptosis in hypoxic rat pulmonary arterial smooth muscle cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 773-779.	5.6	9
53	Aberrant Peripheral Immune Function in a Good Syndrome Patient. <i>Journal of Immunology Research</i> , 2018, 2018, 1-10.	2.2	9
54	Carcinoembryonic Antigen: A Potential Biomarker to Evaluate the Severity and Prognosis of COVID-19. <i>Frontiers in Medicine</i> , 2020, 7, 579543.	2.6	8

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55	MiR-494-3p alleviates acute lung injury through regulating NLRP3 activation by targeting CMPK2. <i>Biochemistry and Cell Biology</i> , 2021, 99, 286-295.	2.0	7
56	Protective effect of nicorandil on hypoxia-induced apoptosis in HPAECs through inhibition of p38 MAPK phosphorylation. <i>Molecular Medicine Reports</i> , 2013, 7, 816-820.	2.4	6
57	Iptakalim ameliorates hypoxia-induced impaired human endothelial colony-forming cells proliferation, migration, and angiogenesis via Akt/eNOS pathways. <i>Pulmonary Circulation</i> , 2019, 9, 1-9.	1.7	6
58	Iptakalim influences the proliferation and apoptosis of human pulmonary artery smooth muscle cells. <i>Molecular Medicine Reports</i> , 2016, 14, 715-720.	2.4	3
59	The Superior Antitumor Effect of Self-Assembled Paclitaxel Nanofilaments for Lung Cancer Cells. <i>Current Drug Delivery</i> , 2018, 16, 171-178.	1.6	3
60	Etanercept Protected Against Cigarette Smoke Extract-Induced Inflammation and Apoptosis of Human Pulmonary Artery Endothelial Cells via Regulating TNFR1. <i>International Journal of COPD</i> , 2021, Volume 16, 1329-1345.	2.3	1
61	MiR-133a-3p Overexpression-induced Elevation of Cisplatin-mediated Chemosensitivity to Non-Small Cell Lung Cancer by Targeting Replication Factor C3. <i>Process Biochemistry</i> , 2021, 111, 249-249.	3.7	0