

# Shaoxi Cai

## List of Publications by Year in descending order

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55  
papers

962  
citations

516710

16  
h-index

526287

27  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dexmedetomidine attenuates lipopolysaccharide-induced acute lung injury by inhibiting oxidative stress, mitochondrial dysfunction and apoptosis in rats. <i>Molecular Medicine Reports</i> , 2017, 15, 131-138.	2.4	71
2	Distinct roles of short and long thymic stromal lymphopoietin isoforms in house dust mite-induced asthmatic airway epithelial barrier disruption. <i>Scientific Reports</i> , 2016, 6, 39559.	3.3	57
3	Mitochondrial calcium uniporter as a target of microRNA-340 and promoter of metastasis via enhancing the Warburg effect. <i>Oncotarget</i> , 2017, 8, 83831-83844.	1.8	55
4	Management of airway mucus hypersecretion in chronic airway inflammatory disease: Chinese expert consensus (English edition). <i>International Journal of COPD</i> , 2018, Volume 13, 399-407.	2.3	54
5	High-mobility group box 1 impairs airway epithelial barrier function through the activation of the RAGE/ERK pathway. <i>International Journal of Molecular Medicine</i> , 2016, 37, 1189-1198.	4.0	45
6	Apigenin Combined With Gefitinib Blocks Autophagy Flux and Induces Apoptotic Cell Death Through Inhibition of HIF-1 $\alpha$ , c-Myc, p-EGFR, and Glucose Metabolism in EGFR L858R+T790M-Mutated H1975 Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 260.	3.5	44
7	The receptor for advanced glycation end products is required for $\beta$ -catenin stabilization in a chemical $\alpha$ -induced asthma model. <i>British Journal of Pharmacology</i> , 2016, 173, 2600-2613.	5.4	40
8	Ethyl pyruvate decreases airway neutrophil infiltration partly through a high mobility group box 1-dependent mechanism in a chemical-induced murine asthma model. <i>International Immunopharmacology</i> , 2014, 21, 163-170.	3.8	35
9	Blockade of extracellular heat shock protein 90 $\alpha$ by 1G6-D7 attenuates pulmonary fibrosis through inhibiting ERK signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1006-L1015.	2.9	32
10	Phosphatidylinositol 3-kinases pathway mediates lung caspase-1 activation and high mobility group box 1 production in a toluene-diisocyanate induced murine asthma model. <i>Toxicology Letters</i> , 2015, 236, 25-33.	0.8	31
11	Phosphatidylinositol 3-Kinase Mediates $\beta$ -Catenin Dysfunction of Airway Epithelium in a Toluene Diisocyanate-Induced Murine Asthma Model. <i>Toxicological Sciences</i> , 2015, 147, 168-177.	3.1	25
12	1,25-Dihydroxyvitamin D3 prevents toluene diisocyanate-induced airway epithelial barrier disruption. <i>International Journal of Molecular Medicine</i> , 2015, 36, 263-270.	4.0	22
13	Role of the mitochondrial Ca <sup>2+</sup> uniporter in Pb <sup>2+</sup> -induced oxidative stress in human neuroblastoma cells. <i>Brain Research</i> , 2014, 1575, 12-21.	2.2	21
14	1,25-Dihydroxyvitamin D3 counteracts the effects of cigarette smoke in airway epithelial cells. <i>Cellular Immunology</i> , 2015, 295, 137-143.	3.0	20
15	Analysis of Plasma Cytokine and Chemokine Profiles in Patients with and without Tuberculosis by Liquid Array-Based Multiplexed Immunoassays. <i>PLoS ONE</i> , 2016, 11, e0148885.	2.5	19
16	TSLP signaling blocking alleviates E-cadherin dysfunction of airway epithelium in a HDM-induced asthma model. <i>Cellular Immunology</i> , 2017, 315, 56-63.	3.0	19
17	Anti-PD-L1 antibody alleviates pulmonary fibrosis by inducing autophagy via inhibition of the PI3K/Akt/mTOR pathway. <i>International Immunopharmacology</i> , 2022, 104, 108504.	3.8	19
18	HDM induce airway epithelial cell ferroptosis and promote inflammation by activating ferritinophagy in asthma. <i>FASEB Journal</i> , 2022, 36, .	0.5	18

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19	Albuterol inhalation increases FeNO level in steroid-naïve asthmatics but not COPD patients with reversibility. <i>Clinical Respiratory Journal</i> , 2017, 11, 328-336.	1.6	17
20	Short Thymic Stromal Lymphopoietin Attenuates Toluene Diisocyanate-induced Airway Inflammation and Inhibits High Mobility Group Box 1-Receptor for Advanced Glycation End Products and Long Thymic Stromal Lymphopoietin Expression. <i>Toxicological Sciences</i> , 2017, 157, 276-290.	3.1	17
21	Endothelial Cdc42 deficiency impairs endothelial regeneration and vascular repair after inflammatory vascular injury. <i>Respiratory Research</i> , 2018, 19, 27.	3.6	17
22	Long non-coding RNA TUG1 promotes airway remodeling and mucus production in asthmatic mice through the microRNA-181b/HMGB1 axis. <i>International Immunopharmacology</i> , 2021, 94, 107488.	3.8	16
23	Store-Operated Ca <sup>2+</sup> Entry Plays a Role in HMGB1-Induced Vascular Endothelial Cell Hyperpermeability. <i>PLoS ONE</i> , 2015, 10, e0123432.	2.5	15
24	Bevacizumab reduced auto-phosphorylation of VEGFR2 to protect HDM-induced asthma mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 181-186.	2.1	15
25	The role of secreted Hsp90α in HDM-induced asthmatic airway epithelial barrier dysfunction. <i>BMC Pulmonary Medicine</i> , 2019, 19, 218.	2.0	14
26	Anlotinib Inhibits PFKFB3-Driven Glycolysis in Myofibroblasts to Reverse Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 744826.	3.5	14
27	Cdc42 regulates LPS-induced proliferation of primary pulmonary microvascular endothelial cells via ERK pathway. <i>Microvascular Research</i> , 2017, 109, 45-53.	2.5	13
28	Phosphorylation of low density lipoprotein receptor-related protein 6 is involved in receptor for advanced glycation end product-mediated β-catenin stabilization in a toluene diisocyanate-induced asthma model. <i>International Immunopharmacology</i> , 2018, 59, 187-196.	3.8	12
29	Symbicort® Maintenance and Reliever Therapy (SMART) and the evolution of asthma management within the GINA guidelines. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 191-202.	2.5	12
30	Angiotensin receptor blockers use and the risk of lung cancer: A meta-analysis. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 768-773.	1.7	11
31	1,25-Dihydroxyvitamin D3 targeting VEGF pathway alleviates house dust mite (HDM)-induced airway epithelial barrier dysfunction. <i>Cellular Immunology</i> , 2017, 312, 15-24.	3.0	11
32	Decreased soluble RAGE in neutrophilic asthma is correlated with disease severity and RAGE G82S variants. <i>Molecular Medicine Reports</i> , 2017, 17, 4131-4137.	2.4	11
33	FABP4 induces asthmatic airway epithelial barrier dysfunction via ROS-activated FoxM1. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1432-1439.	2.1	11
34	RAGE mediates β-catenin stabilization via activation of the Src/p-Cav-1 axis in a chemical-induced asthma model. <i>Toxicology Letters</i> , 2018, 299, 149-158.	0.8	11
35	The airway microbiota of non-small cell lung cancer patients and its relationship to tumor stage and EGFR gene mutation. <i>Thoracic Cancer</i> , 2022, 13, 858-869.	1.9	11
36	Ulinastatin protects the lungs of COPD rats through the HMGB1/TLR4 signaling pathway. <i>Oncology Letters</i> , 2018, 16, 4057-4063.	1.8	10

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37	Prediction of clinical response to omalizumab in moderate-to-severe asthma patients using the change in total serum IgE level. <i>Journal of Thoracic Disease</i> , 2020, 12, 7097-7105.	1.4	9
38	Tetrandrine Modulates Rheb-mTOR Signaling-Mediated Selective Autophagy and Protects Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 739220.	3.5	9
39	CBX4 Regulates Long-Form Thymic Stromal Lymphopoietin-mediated Airway Inflammation through SUMOylation in House Dust Mite-induced Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 648-660.	2.9	9
40	Effect and mechanism of calpains on pediatric lobar pneumonia. <i>Bioengineered</i> , 2017, 8, 374-382.	3.2	8
41	JNK modulates RAGE/ $\beta$ 2-catenin signaling and is essential for allergic airway inflammation in asthma. <i>Toxicology Letters</i> , 2021, 336, 57-67.	0.8	8
42	Chicken IgY facilitates allergic airway inflammation in a chemical-induced murine asthma model by potentiating IL-4 release. <i>Toxicology Letters</i> , 2015, 239, 22-31.	0.8	7
43	Association of serum irisin concentrations with the presence and severity of obstructive sleep apnea syndrome. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, e22077.	2.1	7
44	RAGE mediates airway inflammation via the HDAC1 pathway in a toluene diisocyanate-induced murine asthma model. <i>BMC Pulmonary Medicine</i> , 2022, 22, 61.	2.0	7
45	Short isoform thymic stromal lymphopoietin reduces inflammation and aerobic glycolysis of asthmatic airway epithelium by antagonizing long isoform thymic stromal lymphopoietin. <i>Respiratory Research</i> , 2022, 23, 75.	3.6	7
46	Extracellular HSP90 $\alpha$ Interacts With ER Stress to Promote Fibroblasts Activation Through PI3K/AKT Pathway in Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 708462.	3.5	6
47	Fractional exhaled nitric oxide was not associated with the future risk of exacerbations in Chinese asthmatics: a non-interventional 1-year real-world study. <i>Journal of Thoracic Disease</i> , 2019, 11, 2438-2447.	1.4	4
48	The presence and distribution of novel coronavirus in a medical environment. <i>Journal of the American Academy of Dermatology</i> , 2020, 83, 1218-1219.	1.2	3
49	Avasimibe Alleviates Disruption of the Airway Epithelial Barrier by Suppressing the Wnt/ $\beta$ 2-Catenin Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2022, 13, 795934.	3.5	3
50	Abnormal neutrophil polarization in chronic obstructive pulmonary disease and how cigarette smoke extracts attract neutrophils. <i>Annals of Translational Medicine</i> , 2022, 10, 472-472.	1.7	2
51	Efficacy and safety of Jinshuibao capsule combined with beclomethasone propionate in the treatment of bronchial asthma. <i>Minerva Surgery</i> , 2021, , .	0.6	1
52	Newly diagnosed asthma in China: initial severity and changes over a 1-year management period. <i>Annals of Translational Medicine</i> , 2022, 10, 75-75.	1.7	1
53	Luciferase Immunosorbent Assay Based on Multiple E Antigens for the Detection of Chikungunya Virus-Specific IgG Antibodies. <i>Microbiology Spectrum</i> , 2022, , e0149621.	3.0	1
54	Chinese expert consensus on clinical use of non-invasive airway inflammation assessment in bronchial asthma. <i>Journal of Thoracic Disease</i> , 2015, 7, 2061-78.	1.4	0

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55	Chinese expert consensus on clinical use of non-invasive airway inflammation assessment in bronchial asthma. <i>Annals of Translational Medicine</i> , 2015, 3, 302.	1.7	0