

# Hong Zhou

## List of Publications by Citations

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57  
papers

1,154  
citations

19  
h-index

32  
g-index

60  
ext. papers

1,535  
ext. citations

6.1  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
57	Role of endothelial TLR4 for neutrophil recruitment into central nervous system microvessels in systemic inflammation. <i>Journal of Immunology</i> , <b>2009</b> , 183, 5244-50	5.3	116
56	A requirement for microglial TLR4 in leukocyte recruitment into brain in response to lipopolysaccharide. <i>Journal of Immunology</i> , <b>2006</b> , 177, 8103-10	5.3	114
55	NLRP3 Gene Deletion Attenuates Angiotensin II-Induced Phenotypic Transformation of Vascular Smooth Muscle Cells and Vascular Remodeling. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 44, 2269-2280 <sup>3.9</sup>	3.9	67
54	Aberrant spontaneous low-frequency brain activity in amnesic mild cognitive impairment: A meta-analysis of resting-state fMRI studies. <i>Ageing Research Reviews</i> , <b>2017</b> , 35, 12-21	12	62
53	CXCR2 is essential for cerebral endothelial activation and leukocyte recruitment during neuroinflammation. <i>Journal of Neuroinflammation</i> , <b>2015</b> , 12, 98	10.1	58
52	Blocking interleukin-6 trans-signaling protects against renal fibrosis by suppressing STAT3 activation. <i>Theranostics</i> , <b>2019</b> , 9, 3980-3991	12.1	55
51	Complement component C3a plays a critical role in endothelial activation and leukocyte recruitment into the brain. <i>Journal of Neuroinflammation</i> , <b>2016</b> , 13, 23	10.1	53
50	Klotho Reduction in Alveolar Macrophages Contributes to Cigarette Smoke Extract-induced Inflammation in Chronic Obstructive Pulmonary Disease. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 27890-27900 <sup>5.4</sup>	5.4	47
49	Chitinase 3-like 1-CD44 interaction promotes metastasis and epithelial-to-mesenchymal transition through Eatenin/Erk/Akt signaling in gastric cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2018</b> , 37, 208	12.8	39
48	IL-33/ST2 plays a critical role in endothelial cell activation and microglia-mediated neuroinflammation modulation. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 136	10.1	32
47	Real-time in vivo imaging reveals the ability of neutrophils to remove <i>Cryptococcus neoformans</i> directly from the brain vasculature. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 99, 467-73	6.5	28
46	Endothelial cell activation in central nervous system inflammation. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 101, 1119-1132	6.5	28
45	FTY720 Inhibits MPP-Induced Microglial Activation by Affecting NLRP3 Inflammasome Activation. <i>Journal of NeuroImmune Pharmacology</i> , <b>2019</b> , 14, 478-492	6.9	27
44	Fungal dissemination is limited by liver macrophage filtration of the blood. <i>Nature Communications</i> , <b>2019</b> , 10, 4566	17.4	26
43	Critical Role of Myeloid-Derived Suppressor Cells in Tumor-Induced Liver Immune Suppression through Inhibition of NKT Cell Function. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 129	8.4	23
42	TLR signalling affects sperm mitochondrial function and motility via phosphatidylinositol 3-kinase and glycogen synthase kinase-3. <i>Cellular Signalling</i> , <b>2016</b> , 28, 148-156	4.9	22
41	Real-Time Imaging of Interactions of Neutrophils with <i>Cryptococcus neoformans</i> Demonstrates a Crucial Role of Complement C5a-C5aR Signaling. <i>Infection and Immunity</i> , <b>2016</b> , 84, 216-29	3.7	22

40	Spinal IL-33/ST2 signaling mediates chronic itch in mice through the astrocytic JAK2-STAT3 cascade. <i>Glia</i> , <b>2019</b> , 67, 1680-1693	9	21
39	SPHK1 deficiency protects mice from acetaminophen-induced ER stress and mitochondrial permeability transition. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 1924-1937	12.7	19
38	Intravascular clearance of disseminating <i>Cryptococcus neoformans</i> in the brain can be improved by enhancing neutrophil recruitment in mice. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 1704-14	6.1	19
37	CD36 deficiency attenuates immune-mediated hepatitis in mice by modulating the proapoptotic effects of CXC chemokine ligand 10. <i>Hepatology</i> , <b>2018</b> , 67, 1943-1955	11.2	19
36	Hydrogen Sulfide Prevents Elastin Loss and Attenuates Calcification Induced by High Glucose in Smooth Muscle Cells through Suppression of Stat3/Cathepsin S Signaling Pathway. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
35	BLT1 signaling in epithelial cells mediates allergic sensitization via promotion of IL-33 production. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 495-506	9.3	17
34	Distinct Contributions of CD4+ and CD8+ T Cells to Pathogenesis of <i>Trypanosoma brucei</i> Infection in the Context of Gamma Interferon and Interleukin-10. <i>Infection and Immunity</i> , <b>2015</b> , 83, 2785-95	3.7	16
33	FTY720 attenuates behavioral deficits in a murine model of systemic lupus erythematosus. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 70, 293-304	16.6	15
32	FNDC5 Attenuates Oxidative Stress and NLRP3 Inflammasome Activation in Vascular Smooth Muscle Cells via Activating the AMPK-SIRT1 Signal Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 6384803	6.7	15
31	Bisphenol A affects trophoblast invasion by inhibiting CXCL8 expression in decidual stromal cells. <i>Molecular and Cellular Endocrinology</i> , <b>2018</b> , 470, 38-47	4.4	13
30	Adipose afferent reflex is enhanced by TNF $\alpha$ in paraventricular nucleus through NADPH oxidase-dependent ROS generation in obesity-related hypertensive rats. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 256	8.5	12
29	1,25-Dihydroxyvitamin D Inhibits LPS-Induced High-Mobility Group Box 1 (HMGB1) Secretion Targeting the NF-E2-Related Factor 2-Hemeoxygenase-1-HMGB1 Pathway in Macrophages. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1308	8.4	12
28	Chemical Stimulation of Renal Tissue Induces Sympathetic Activation and a Pressor Response via the Paraventricular Nucleus in Rats. <i>Neuroscience Bulletin</i> , <b>2020</b> , 36, 143-152	4.3	12
27	Intermedin in Paraventricular Nucleus Attenuates Ang II-Induced Sympathoexcitation through the Inhibition of NADPH Oxidase-Dependent ROS Generation in Obese Rats with Hypertension. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	11
26	Astaxanthin protects against renal fibrosis through inhibiting myofibroblast activation and promoting CD8 T cell recruitment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2019</b> , 1863, 1360-1370	4	11
25	NIK links inflammation to hepatic steatosis by suppressing PPAR $\alpha$ in alcoholic liver disease. <i>Theranostics</i> , <b>2020</b> , 10, 3579-3593	12.1	11
24	Sphingosine kinase 2 cooperating with Fyn promotes kidney fibroblast activation and fibrosis via STAT3 and AKT. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 3824-3836	6.9	11
23	Fingolimod targets cerebral endothelial activation to block leukocyte recruitment in the central nervous system. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 107-118	6.5	10

22	Intermedin in the paraventricular nucleus attenuates cardiac sympathetic afferent reflex in chronic heart failure rats. <i>PLoS ONE</i> , <b>2014</b> , 9, e94234	3.7	9
21	Morphine induces the differentiation of T helper cells to Th2 effector cells via the PKC-EGATA3 pathway. <i>International Immunopharmacology</i> , <b>2020</b> , 80, 106133	5.8	8
20	Fibronectin Type III Domain-Containing 5 Attenuates Liver Fibrosis Via Inhibition of Hepatic Stellate Cell Activation. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 48, 227-236	3.9	7
19	Inhibition of miR-135a-5p attenuates vascular smooth muscle cell proliferation and vascular remodeling in hypertensive rats. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> , 42, 1798-1807	8	6
18	Exposure to environmental bisphenol A inhibits HTR-8/SVneo cell migration and invasion. <i>Journal of Biomedical Research</i> , <b>2020</b> , 34, 369-378	1.5	5
17	Clinical significance of reduced GPRC5A expression in surgically resected non-small cell lung cancer. <i>Oncology Letters</i> , <b>2019</b> , 17, 502-507	2.6	5
16	miR-31-5p Promotes Oxidative Stress and Vascular Smooth Muscle Cell Migration in Spontaneously Hypertensive Rats via Inhibiting FNDC5 Expression. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	5
15	Cardiac sympathetic afferent reflex response to intermedin microinjection into paraventricular nucleus is mediated by nitric oxide and $\gamma$ -amino butyric acid in hypertensive rats. <i>Experimental Biology and Medicine</i> , <b>2014</b> , 239, 1352-9	3.7	4
14	White Matter Lesions Predict Recurrent Vascular Events in Patients with Transient Ischemic Attacks. <i>Chinese Medical Journal</i> , <b>2018</b> , 131, 130-136	2.9	4
13	Serum iron levels are negatively correlated with serum triglycerides levels in female university students. <i>Annals of Palliative Medicine</i> , <b>2020</b> , 9, 414-419	1.7	3
12	Intravital imaging of interactions between iNKT and kupffer cells to clear free lipids during steatohepatitis. <i>Theranostics</i> , <b>2021</b> , 11, 2149-2169	12.1	3
11	Elevated thyroglobulin level is associated with dysfunction of regulatory T cells in patients with thyroid nodules. <i>Endocrine Connections</i> , <b>2019</b> , 8, 309-317	3.5	2
10	Adrenomedullin Attenuates Inflammation in White Adipose Tissue of Obese Rats Through Receptor-Mediated PKA Pathway. <i>Obesity</i> , <b>2021</b> , 29, 86-97	8	2
9	Adrenomedullin 2 attenuates LPS-induced inflammation in microglia cells by receptor-mediated cAMP-PKA pathway. <i>Neuropeptides</i> , <b>2021</b> , 85, 102109	3.3	2
8	Critical role for PI3K-dependent neutrophil reactive oxygen species in WKYMVm-induced microvascular hyperpermeability. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 106, 1117-1127	6.5	1
7	Intracellular C3 prevents hepatic steatosis by promoting autophagy and very-low-density lipoprotein secretion. <i>FASEB Journal</i> , <b>2021</b> , 35, e22037	0.9	1
6	Adrenomedullin ameliorates palmitic acid-induced insulin resistance through PI3K/Akt pathway in adipocytes. <i>Acta Diabetologica</i> , <b>2022</b> , 1	3.9	1
5	Hydrogen sulfide prevents arterial medial calcification in rats with diabetic nephropathy. <i>BMC Cardiovascular Disorders</i> , <b>2021</b> , 21, 495	2.3	1

4	An essential role for endothelial TLR4 in leukocyte recruitment. <i>FASEB Journal</i> , <b>2007</b> , 21,	0.9	1
3	Triclosan inhibits the activation of human periodontal ligament fibroblasts induced by lipopolysaccharide from. <i>Journal of Biomedical Research</i> , <b>2020</b> , 35, 206-215	1.5	1
2	Expression of Caveolin-1 Is Associated With Thyroid Function in Patients With Human Papillary Thyroid Carcinoma. <i>Dose-Response</i> , <b>2020</b> , 18, 1559325820919330	2.3	0
1	Expression of thyroglobulin by regulatory T cells in thyroid tissue. <i>Journal of Molecular Endocrinology</i> , <b>2019</b> , 63, 261-271	4.5	