

Hong Zhou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Adrenomedullin ameliorates palmitic acid-induced insulin resistance through PI3K/Akt pathway in adipocytes.. <i>Acta Diabetologica</i> , 2022 , 1	3.9	1
56	Intracellular C3 prevents hepatic steatosis by promoting autophagy and very-low-density lipoprotein secretion. <i>FASEB Journal</i> , 2021 , 35, e22037	0.9	1
55	Hydrogen sulfide prevents arterial medial calcification in rats with diabetic nephropathy. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 495	2.3	1
54	Adrenomedullin Attenuates Inflammation in White Adipose Tissue of Obese Rats Through Receptor-Mediated PKA Pathway. <i>Obesity</i> , 2021 , 29, 86-97	8	2
53	Adrenomedullin 2 attenuates LPS-induced inflammation in microglia cells by receptor-mediated cAMP-PKA pathway. <i>Neuropeptides</i> , 2021 , 85, 102109	3.3	2
52	Inhibition of miR-135a-5p attenuates vascular smooth muscle cell proliferation and vascular remodeling in hypertensive rats. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 1798-1807	8	6
51	miR-31-5p Promotes Oxidative Stress and Vascular Smooth Muscle Cell Migration in Spontaneously Hypertensive Rats via Inhibiting FNDC5 Expression. <i>Biomedicines</i> , 2021 , 9,	4.8	5
50	Intravital imaging of interactions between iNKT and kupffer cells to clear free lipids during steatohepatitis. <i>Theranostics</i> , 2021 , 11, 2149-2169	12.1	3
49	NIK links inflammation to hepatic steatosis by suppressing PPAR in alcoholic liver disease. <i>Theranostics</i> , 2020 , 10, 3579-3593	12.1	11
48	Morphine induces the differentiation of T helper cells to Th2 effector cells via the PKC-EGATA3 pathway. <i>International Immunopharmacology</i> , 2020 , 80, 106133	5.8	8
47	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> , 2020 , 2020, 6384803	6.7	15
46	Exposure to environmental bisphenol A inhibits HTR-8/SVneo cell migration and invasion. <i>Journal of Biomedical Research</i> , 2020 , 34, 369-378	1.5	5
45	SPHK1 deficiency protects mice from acetaminophen-induced ER stress and mitochondrial permeability transition. <i>Cell Death and Differentiation</i> , 2020 , 27, 1924-1937	12.7	19
44	Chemical Stimulation of Renal Tissue Induces Sympathetic Activation and a Pressor Response via the Paraventricular Nucleus in Rats. <i>Neuroscience Bulletin</i> , 2020 , 36, 143-152	4.3	12
43	Serum iron levels are negatively correlated with serum triglycerides levels in female university students. <i>Annals of Palliative Medicine</i> , 2020 , 9, 414-419	1.7	3
42	Expression of Caveolin-1 Is Associated With Thyroid Function in Patients With Human Papillary Thyroid Carcinoma. <i>Dose-Response</i> , 2020 , 18, 1559325820919330	2.3	0
41	Triclosan inhibits the activation of human periodontal ligament fibroblasts induced by lipopolysaccharide from. <i>Journal of Biomedical Research</i> , 2020 , 35, 206-215	1.5	1

40	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> , 2019 , 20,	6.3	18
39	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> , 2019 , 20,	6.3	11
38	Critical role for PI3K-dependent neutrophil reactive oxygen species in WKYMVm-induced microvascular hyperpermeability. <i>Journal of Leukocyte Biology</i> , 2019 , 106, 1117-1127	6.5	1
37	Astaxanthin protects against renal fibrosis through inhibiting myofibroblast activation and promoting CD8 T cell recruitment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 1360-1370	7.4	11
36	FTY720 Inhibits MPP-Induced Microglial Activation by Affecting NLRP3 Inflammasome Activation. <i>Journal of NeuroImmune Pharmacology</i> , 2019 , 14, 478-492	6.9	27
35	Spinal IL-33/ST2 signaling mediates chronic itch in mice through the astrocytic JAK2-STAT3 cascade. <i>Glia</i> , 2019 , 67, 1680-1693	9	21
34	Adipose afferent reflex is enhanced by TNF α in paraventricular nucleus through NADPH oxidase-dependent ROS generation in obesity-related hypertensive rats. <i>Journal of Translational Medicine</i> , 2019 , 17, 256	8.5	12
33	Blocking interleukin-6 trans-signaling protects against renal fibrosis by suppressing STAT3 activation. <i>Theranostics</i> , 2019 , 9, 3980-3991	12.1	55
32	Fungal dissemination is limited by liver macrophage filtration of the blood. <i>Nature Communications</i> , 2019 , 10, 4566	17.4	26
31	Elevated thyroglobulin level is associated with dysfunction of regulatory T cells in patients with thyroid nodules. <i>Endocrine Connections</i> , 2019 , 8, 309-317	3.5	2
30	Expression of thyroglobulin by regulatory T cells in thyroid tissue. <i>Journal of Molecular Endocrinology</i> , 2019 , 63, 261-271	4.5	
29	Clinical significance of reduced GPRC5A expression in surgically resected non-small cell lung cancer. <i>Oncology Letters</i> , 2019 , 17, 502-507	2.6	5
28	BLT1 signaling in epithelial cells mediates allergic sensitization via promotion of IL-33 production. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 495-506	9.3	17
27	Fingolimod targets cerebral endothelial activation to block leukocyte recruitment in the central nervous system. <i>Journal of Leukocyte Biology</i> , 2018 , 103, 107-118	6.5	10
26	IL-33/ST2 plays a critical role in endothelial cell activation and microglia-mediated neuroinflammation modulation. <i>Journal of Neuroinflammation</i> , 2018 , 15, 136	10.1	32
25	FTY720 attenuates behavioral deficits in a murine model of systemic lupus erythematosus. <i>Brain, Behavior, and Immunity</i> , 2018 , 70, 293-304	16.6	15
24	Bisphenol A affects trophoblast invasion by inhibiting CXCL8 expression in decidual stromal cells. <i>Molecular and Cellular Endocrinology</i> , 2018 , 470, 38-47	4.4	13
23	Fibronectin Type III Domain-Containing 5 Attenuates Liver Fibrosis Via Inhibition of Hepatic Stellate Cell Activation. <i>Cellular Physiology and Biochemistry</i> , 2018 , 48, 227-236	3.9	7

22	CD36 deficiency attenuates immune-mediated hepatitis in mice by modulating the proapoptotic effects of CXC chemokine ligand 10. <i>Hepatology</i> , 2018 , 67, 1943-1955	11.2	19
21	White Matter Lesions Predict Recurrent Vascular Events in Patients with Transient Ischemic Attacks. <i>Chinese Medical Journal</i> , 2018 , 131, 130-136	2.9	4
20	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> , 2018 , 1864, 3824-3836	6.9	11
19	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> , 2018 , 37, 208	12.8	39
18	Endothelial cell activation in central nervous system inflammation. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 1119-1132	6.5	28
17	Aberrant spontaneous low-frequency brain activity in amnesic mild cognitive impairment: A meta-analysis of resting-state fMRI studies. <i>Ageing Research Reviews</i> , 2017 , 35, 12-21	12	62
16	NLRP3 Gene Deletion Attenuates Angiotensin II-Induced Phenotypic Transformation of Vascular Smooth Muscle Cells and Vascular Remodeling. <i>Cellular Physiology and Biochemistry</i> , 2017 , 44, 2269-2280	3.9	67
15	Critical Role of Myeloid-Derived Suppressor Cells in Tumor-Induced Liver Immune Suppression through Inhibition of NKT Cell Function. <i>Frontiers in Immunology</i> , 2017 , 8, 129	8.4	23
14	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> , 2017 , 8, 1308	8.4	12
13	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> , 2016 , 99, 467-73	6.5	28
12	Complement component C3a plays a critical role in endothelial activation and leukocyte recruitment into the brain. <i>Journal of Neuroinflammation</i> , 2016 , 13, 23	10.1	53
11	TLR signalling affects sperm mitochondrial function and motility via phosphatidylinositol 3-kinase and glycogen synthase kinase-3. <i>Cellular Signalling</i> , 2016 , 28, 148-156	4.9	22
10	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> , 2016 , 84, 216-29	3.7	22
9	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> , 2016 , 46, 1704-14	6.1	19
8	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> , 2015 , 83, 2785-95	3.7	16
7	CXCR2 is essential for cerebral endothelial activation and leukocyte recruitment during neuroinflammation. <i>Journal of Neuroinflammation</i> , 2015 , 12, 98	10.1	58
6	Klotho Reduction in Alveolar Macrophages Contributes to Cigarette Smoke Extract-induced Inflammation in Chronic Obstructive Pulmonary Disease. <i>Journal of Biological Chemistry</i> , 2015 , 290, 27890-900	5.4	47
5	Intermedin in the paraventricular nucleus attenuates cardiac sympathetic afferent reflex in chronic heart failure rats. <i>PLoS ONE</i> , 2014 , 9, e94234	3.7	9

4	Cardiac sympathetic afferent reflex response to intermedin microinjection into paraventricular nucleus is mediated by nitric oxide and γ -amino butyric acid in hypertensive rats. <i>Experimental Biology and Medicine</i> , 2014 , 239, 1352-9	3-7	4
3	Role of endothelial TLR4 for neutrophil recruitment into central nervous system microvessels in systemic inflammation. <i>Journal of Immunology</i> , 2009 , 183, 5244-50	5-3	116
2	An essential role for endothelial TLR4 in leukocyte recruitment. <i>FASEB Journal</i> , 2007 , 21,	0-9	1
1	A requirement for microglial TLR4 in leukocyte recruitment into brain in response to lipopolysaccharide. <i>Journal of Immunology</i> , 2006 , 177, 8103-10	5-3	114