Hong Zhou

List of Publications by Year
in descending order

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Version: 2024-02-01

57 papers	1,843 citations	257101 24 h-index	288905 40 g-index
60 all docs	60 docs citations	60 times ranked	3155 citing authors

#	Article	IF	Citations
1	Adrenomedullin ameliorates palmitic acid-induced insulin resistance through PI3K/Akt pathway in adipocytes. Acta Diabetologica, 2022, 59, 661-673.	1.2	9
2	AdrenomedullinAttenuatesÂInflammation inÂWhite Adipose TissueÂof Obese Rats Through Receptorâ€Mediated PKA Pathway. Obesity, 2021, 29, 86-97.	1.5	8
3	Adrenomedullin 2 attenuates LPS-induced inflammation in microglia cells by receptor-mediated cAMP-PKA pathway. Neuropeptides, 2021, 85, 102109.	0.9	4
4	Triclosan inhibits the activation of human periodontal ligament fibroblasts induced by lipopolysaccharide from Porphyromonas gingivalis. Journal of Biomedical Research, 2021, 35, 206.	0.7	6
5	Inhibition of miR-135a-5p attenuates vascular smooth muscle cell proliferation and vascular remodeling in hypertensive rats. Acta Pharmacologica Sinica, 2021, 42, 1798-1807.	2.8	19
6	miR-31-5p Promotes Oxidative Stress and Vascular Smooth Muscle Cell Migration in Spontaneously Hypertensive Rats via Inhibiting FNDC5 Expression. Biomedicines, 2021, 9, 1009.	1.4	13
7	Intravital imaging of interactions between iNKT and kupffer cells to clear free lipids during steatohepatitis. Theranostics, 2021, 11, 2149-2169.	4.6	9
8	Hydrogen sulfide prevents arterial medial calcification in rats with diabetic nephropathy. BMC Cardiovascular Disorders, 2021, 21, 495.	0.7	8
9	Intracellular C3 prevents hepatic steatosis by promoting autophagy and veryâ€lowâ€density lipoprotein secretion. FASEB Journal, 2021, 35, e22037.	0.2	11
10	Chemical Stimulation of Renal Tissue Induces Sympathetic Activation and a Pressor Response via the Paraventricular Nucleus in Rats. Neuroscience Bulletin, 2020, 36, 143-152.	1.5	19
11	SPHK1 deficiency protects mice from acetaminophen-induced ER stress and mitochondrial permeability transition. Cell Death and Differentiation, 2020, 27, 1924-1937.	5.0	43
12	NIK links inflammation to hepatic steatosis by suppressing PPARÎ± in alcoholic liver disease. Theranostics, 2020, 10, 3579-3593.	4.6	22
13	Morphine induces the differentiation of T helper cells to Th2 effector cells via the PKC-Î¸â€“GATA3 pathway. International Immunopharmacology, 2020, 80, 106133.	1.7	10
14	Serum iron levels are negatively correlated with serum triglycerides levels in female university students. Annals of Palliative Medicine, 2020, 9, 414-419.	0.5	7
15	Expression of Caveolin-1 Is Associated With Thyroid Function in Patients With Human Papillary Thyroid Carcinoma. Dose-Response, 2020, 18, 155932582091933.	0.7	1
16	FNDC5 Attenuates Oxidative Stress and NLRP3 Inflammasome Activation in Vascular Smooth Muscle Cells via Activating the AMPK-SIRT1 Signal Pathway. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	1.9	30
17	Exposure to environmental bisphenol A inhibits HTR-8/SVneo cell migration and invasion. Journal of Biomedical Research, 2020, 34, 369.	0.7	10
18	<scp>BLT</scp>1 signaling in epithelial cells mediates allergic sensitization via promotion of <scp>IL</scp>â€33 production. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 495-506.	2.7	30

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19	Adipose afferent reflex is enhanced by TNFÎ± in paraventricular nucleus through NADPH oxidase-dependent ROS generation in obesity-related hypertensive rats. Journal of Translational Medicine, 2019, 17, 256.	1.8	21
20	Blocking interleukin-6 trans-signaling protects against renal fibrosis by suppressing STAT3 activation. Theranostics, 2019, 9, 3980-3991.	4.6	105
21	Fungal dissemination is limited by liver macrophage filtration of the blood. Nature Communications, 2019, 10, 4566.	5.8	46
22	Hydrogen Sulfide Prevents Elastin Loss and Attenuates Calcification Induced by High Glucose in Smooth Muscle Cells through Suppression of Stat3/Cathepsin S Signaling Pathway. International Journal of Molecular Sciences, 2019, 20, 4202.	1.8	38
23	Intermedin in Paraventricular Nucleus Attenuates Ang II-Induced Sympathoexcitation through the Inhibition of NADPH Oxidase-Dependent ROS Generation in Obese Rats with Hypertension. International Journal of Molecular Sciences, 2019, 20, 4217.	1.8	24
24	Critical role for PI3KÎ³â€dependent neutrophil reactive oxygen species in WKYMVmâ€induced microvascular hyperpermeability. Journal of Leukocyte Biology, 2019, 106, 1117-1127.	1.5	6
25	Astaxanthin protects against renal fibrosis through inhibiting myofibroblast activation and promoting CD8+ T cell recruitment. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 1360-1370.	1.1	20
26	FTY720 Inhibits MPP+-Induced Microglial Activation by Affecting NLRP3 Inflammasome Activation. Journal of NeuroImmune Pharmacology, 2019, 14, 478-492.	2.1	43
27	Spinal ILâ€33/ST2 signaling mediates chronic itch in mice through the astrocytic JAK2â€STAT3 cascade. Glia, 2019, 67, 1680-1693.	2.5	43
28	Elevated thyroglobulin level is associated with dysfunction of regulatory T cells in patients with thyroid nodules. Endocrine Connections, 2019, 8, 309-317.	0.8	7
29	Expression of thyroglobulin by regulatory T cells in thyroid tissue. Journal of Molecular Endocrinology, 2019, 63, 261-271.	1.1	0
30	Fingolimod targets cerebral endothelial activation to block leukocyte recruitment in the central nervous system. Journal of Leukocyte Biology, 2018, 103, 107-118.	1.5	15
31	IL-33/ST2 plays a critical role in endothelial cell activation and microglia-mediated neuroinflammation modulation. Journal of Neuroinflammation, 2018, 15, 136.	3.1	50
32	FTY720 attenuates behavioral deficits in a murine model of systemic lupus erythematosus. Brain, Behavior, and Immunity, 2018, 70, 293-304.	2.0	31
33	Bisphenol A affects trophoblast invasion by inhibiting CXCL8 expression in decidual stromal cells. Molecular and Cellular Endocrinology, 2018, 470, 38-47.	1.6	18
34	CD36 deficiency attenuates immuneâ€mediated hepatitis in mice by modulating the proapoptotic effects of CXC chemokine ligand 10. Hepatology, 2018, 67, 1943-1955.	3.6	37
35	Clinical significance of reduced GPRC5A expression in surgically resected nonâ€small cell lung cancer. Oncology Letters, 2018, 17, 502-507.	0.8	6
36	White Matter Lesions Predict Recurrent Vascular Events in Patients with Transient Ischemic Attacks. Chinese Medical Journal, 2018, 131, 130-136.	0.9	6

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37	Sphingosine kinase 2 cooperating with Fyn promotes kidney fibroblast activation and fibrosis via STAT3 and AKT. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3824-3836.	1.8	24
38	Chitinase 3-like 1-CD44 interaction promotes metastasis and epithelial-to-mesenchymal transition through Î²-catenin/Erk/Akt signaling in gastric cancer. Journal of Experimental and Clinical Cancer Research, 2018, 37, 208.	3.5	71
39	Fibronectin Type III Domain-Containing 5 Attenuates Liver Fibrosis Via Inhibition of Hepatic Stellate Cell Activation. Cellular Physiology and Biochemistry, 2018, 48, 227-236.	1.1	13
40	Endothelial cell activation in central nervous system inflammation. Journal of Leukocyte Biology, 2017, 101, 1119-1132.	1.5	46
41	Aberrant spontaneous low-frequency brain activity in amnestic mild cognitive impairment: A meta-analysis of resting-state fMRI studies. Ageing Research Reviews, 2017, 35, 12-21.	5.0	97
42	NLRP3 Gene Deletion Attenuates Angiotensin II-Induced Phenotypic Transformation of Vascular Smooth Muscle Cells and Vascular Remodeling. Cellular Physiology and Biochemistry, 2017, 44, 2269-2280.	1.1	88
43	Critical Role of Myeloid-Derived Suppressor Cells in Tumor-Induced Liver Immune Suppression through Inhibition of NKT Cell Function. Frontiers in Immunology, 2017, 8, 129.	2.2	25
44	1,25-Dihydroxyvitamin D Inhibits LPS-Induced High-Mobility Group Box 1 (HMGB1) Secretion via Targeting the NF-E2-Related Factor 2â€"Hemeoxygenase-1â€"HMGB1 Pathway in Macrophages. Frontiers in Immunology, 2017, 8, 1308.	2.2	23
45	Intravascular clearance of disseminating Cryptococcus neoformans in the brain can be improved by enhancing neutrophil recruitment in mice. European Journal of Immunology, 2016, 46, 1704-1714.	1.6	26
46	Complement component C3a plays a critical role in endothelial activation and leukocyte recruitment into the brain. Journal of Neuroinflammation, 2016, 13, 23.	3.1	76
47	TLR signalling affects sperm mitochondrial function and motility via phosphatidylinositol 3-kinase and glycogen synthase kinase-3Î±. Cellular Signalling, 2016, 28, 148-156.	1.7	34
48	Real-Time Imaging of Interactions of Neutrophils with Cryptococcus neoformans Demonstrates a Crucial Role of Complement C5a-C5aR Signaling. Infection and Immunity, 2016, 84, 216-229.	1.0	33
49	Real-time in vivo imaging reveals the ability of neutrophils to remove Cryptococcus neoformans directly from the brain vasculature. Journal of Leukocyte Biology, 2016, 99, 467-473.	1.5	37
50	CXCR2 is essential for cerebral endothelial activation and leukocyte recruitment during neuroinflammation. Journal of Neuroinflammation, 2015, 12, 98.	3.1	82
51	Klotho Reduction in Alveolar Macrophages Contributes to Cigarette Smoke Extract-induced Inflammation in Chronic Obstructive Pulmonary Disease. Journal of Biological Chemistry, 2015, 290, 27890-27900.	1.6	68
52	Distinct Contributions of CD4⁺and CD8⁺T Cells to Pathogenesis of Trypanosoma brucei Infection in the Context of Gamma Interferon and Interleukin-10. Infection and Immunity, 2015, 83, 2785-2795.	1.0	21
53	Intermedin in the Paraventricular Nucleus Attenuates Cardiac Sympathetic Afferent Reflex in Chronic Heart Failure Rats. PLoS ONE, 2014, 9, e94234.	1.1	12
54	Cardiac sympathetic afferent reflex response to intermedin microinjection into paraventricular nucleus is mediated by nitric oxide and Î³-amino butyric acid in hypertensive rats. Experimental Biology and Medicine, 2014, 239, 1352-1359.	1.1	4

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55	Role of Endothelial TLR4 for Neutrophil Recruitment into Central Nervous System Microvessels in Systemic Inflammation. Journal of Immunology, 2009, 183, 5244-5250.	0.4	145
56	An essential role for endothelial TLR4 in leukocyte recruitment. FASEB Journal, 2007, 21, .	0.2	1
57	A Requirement for Microglial TLR4 in Leukocyte Recruitment into Brain in Response to Lipopolysaccharide. Journal of Immunology, 2006, 177, 8103-8110.	0.4	138