Yong Ji

List of Publications by Citations

71	3,327	28	57
papers	citations	h-index	g-index
84	4,616	8.6	5.22
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
71	Hydrogen Sulfide Induces Keap1 S-sulfhydration and Suppresses Diabetes-Accelerated Atherosclerosis via Nrf2 Activation. *Diabetes*, **2016**, 65, 3171-84	0.9	162
70	The hydrogen sulfide donor, GYY4137, exhibits anti-atherosclerotic activity in high fat fed apolipoprotein E(-/-) mice. *British Journal of Pharmacology*, **2013**, 169, 1795-809	8.6	129
69	Long Noncoding RNA-GAS5: A Novel Regulator of Hypertension-Induced Vascular Remodeling. *Hypertension*, **2016**, 68, 736-48	8.5	118
68	Biochemical basis and metabolic interplay of redox regulation. *Redox Biology*, **2019**, 26, 101284	11.3	98
67	Hydrogen sulfide pretreatment improves mitochondrial function in myocardial hypertrophy via a SIRT3-dependent manner. *British Journal of Pharmacology*, **2018**, 175, 1126-1145	8.6	76
66	SIRT3 Mediates the Antioxidant Effect of Hydrogen Sulfide in Endothelial Cells. *Antioxidants and Redox Signaling*, **2016**, 24, 329-43	8.4	75
65	Emerging role of hydrogen sulfide in hypertension and related cardiovascular diseases. *British Journal of Pharmacology*, **2015**, 172, 5501-11	8.6	72
64	GYY4137 protects against myocardial ischemia and reperfusion injury by attenuating oxidative stress and apoptosis in rats. *Journal of Biomedical Research*, **2015**, 29, 203-13	1.5	72
63	Immune cell subset differentiation and tissue inflammation. *Journal of Hematology and Oncology*, **2018**, 11, 97	22.4	64
62	Hydrogen Sulfide Donor GYY4137 Protects against Myocardial Fibrosis. *Oxidative Medicine and Cellular Longevity*, **2015**, 2015, 691070	6.7	56
61	Arterial Sca1 Vascular Stem Cells Generate De Novo Smooth Muscle for Artery Repair and Regeneration. *Cell Stem Cell*, **2020**, 26, 81-96.e4	18	54
60	Protein S-sulfhydration by hydrogen sulfide in cardiovascular system. *British Journal of Pharmacology*, **2018**, 175, 1146-1156	8.6	53
59	Chronic Kidney Disease Induces Inflammatory CD40+ Monocyte Differentiation via Homocysteine Elevation and DNA Hypomethylation. *Circulation Research*, **2016**, 119, 1226-1241	15.7	51
58	Hydrogen Sulfide Regulates Krüppel-Like Factor 5 Transcription Activity via Specificity Protein 1 S-Sulfhydration at Cys664 to Prevent Myocardial Hypertrophy. *Journal of the American Heart Association*, **2016**, 5,	6	43
57	Lineage Tracing Reveals the Bipotency of SOX9 Hepatocytes during Liver Regeneration. *Stem Cell Reports*, **2019**, 12, 624-638	8	42
56	Proliferation tracing reveals regional hepatocyte generation in liver homeostasis and repair. *Science*, **2021**, 371,	33.3	41
55	Metabolic stress-induced cardiomyopathy is caused by mitochondrial dysfunction due to attenuated Erk5 signaling. *Nature Communications*, **2017**, 8, 494	17.4	40

54	Histone Methyltransferase SET1 Mediates Angiotensin II-Induced Endothelin-1 Transcription and Cardiac Hypertrophy in Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1207-17	9.4	39
53	Hydrogen sulfide: a gaseous signaling molecule modulates tissue homeostasis: implications in ophthalmic diseases. *Cell Death and Disease*, **2019**, 10, 293	9.8	36
52	Angiotensin-Converting Enzyme 2 Inhibits Apoptosis of Pulmonary Endothelial Cells During Acute Lung Injury Through Suppressing SMAD2 Phosphorylation. *Cellular Physiology and Biochemistry*, **2015**, 35, 2203-12	3.9	35
51	PKA regulatory IIβ subunit is essential for PGD2-mediated resolution of inflammation. *Journal of Experimental Medicine*, **2016**, 213, 2209-26	16.6	33
50	Hydrogen sulfide attenuates oxidative stress-induced NLRP3 inflammasome activation via S-sulfhydrating c-Jun at Cys269 in macrophages. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 2890-2900	6.9	33
49	Niacin ameliorates ulcerative colitis via prostaglandin D-mediated D prostanoid receptor 1 activation. *EMBO Molecular Medicine*, **2017**, 9, 571-588	12	32
48	Direct renin inhibition with aliskiren protects against myocardial ischemia/reperfusion injury by activating nitric oxide synthase signaling in spontaneously hypertensive rats. *Journal of the American Heart Association*, **2014**, 3, e000606	6	31
47	Hyperhomocysteinemia potentiates diabetes-impaired EDHF-induced vascular relaxation: Role of insufficient hydrogen sulfide. *Redox Biology*, **2018**, 16, 215-225	11.3	29
46	Porphyromonas gingivalis infection reduces regulatory T cells in infected atherosclerosis patients. *PLoS ONE*, **2014**, 9, e86599	3.7	28
45	Hydrogen Sulfide Alleviates Liver Injury Through the S-Sulfhydrated-Kelch-Like ECH-Associated Protein 1/Nuclear Erythroid 2-Related Factor 2/Low-Density Lipoprotein Receptor-Related Protein 1 Pathway. *Hepatology*, **2021**, 73, 282-302	11.2	26
44	Regulator of G-protein signalling 5 protects against atherosclerosis in apolipoprotein E-deficient mice. *British Journal of Pharmacology*, **2015**, 172, 5676-89	8.6	24
43	Hydrogen Sulfide As a Potential Target in Preventing Spermatogenic Failure and Testicular Dysfunction. *Antioxidants and Redox Signaling*, **2018**, 28, 1447-1462	8.4	24
42	S-Nitrosylation of Plastin-3 Exacerbates Thoracic Aortic Dissection Formation via Endothelial Barrier Dysfunction. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 175-188	9.4	23
41	Metabolism-associated danger signal-induced immune response and reverse immune checkpoint-activated CD40 monocyte differentiation. *Journal of Hematology and Oncology*, **2017**, 10, 141	22.4	21
40	SNO-MLP (S-Nitrosylation of Muscle LIM Protein) Facilitates Myocardial Hypertrophy Through TLR3 (Toll-Like Receptor 3)-Mediated RIP3 (Receptor-Interacting Protein Kinase 3) and NLRP3 (NOD-Like Receptor Pyrin Domain Containing 3) Inflammasome Activation. *Circulation*, **2020**, 141, 984-1000	16.7	20
39	Autophagy promotes fibrosis and apoptosis in the peritoneum during long-term peritoneal dialysis. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 1190-1201	5.6	18
38	Aliskiren improves endothelium-dependent relaxation of thoracic aorta by activating PI3K/Akt/eNOS signal pathway in SHR. *Clinical and Experimental Pharmacology and Physiology*, **2016**, 43, 450-8	3	16
37	BRD4 contributes to LPS-induced macrophage senescence and promotes progression of atherosclerosis-associated lipid uptake. *Aging*, **2020**, 12, 9240-9259	5.6	15

36	Soy Isoflavone Protects Myocardial Ischemia/Reperfusion Injury through Increasing Endothelial Nitric Oxide Synthase and Decreasing Oxidative Stress in Ovariectomized Rats. *Oxidative Medicine and Cellular Longevity*, **2016**, 2016, 5057405	6.7	15
35	Identification of homocysteine-suppressive mitochondrial ETC complex genes and tissue expression profile - Novel hypothesis establishment. *Redox Biology*, **2018**, 17, 70-88	11.3	14
34	Pyridoxine prevents dysfunction of endothelial cell nitric oxide production in response to low-density lipoprotein. *Atherosclerosis*, **2006**, 188, 84-94	3.1	14
33	H S protects against diabetes-accelerated atherosclerosis by preventing the activation of NLRP3 inflammasome. *Journal of Biomedical Research*, **2019**, 34, 94-102	1.5	14
32	Seipin knockout in mice impairs stem cell proliferation and progenitor cell differentiation in the adult hippocampal dentate gyrus via reduced levels of PPAR*DMM Disease Models and Mechanisms*, **2015**, 8, 1615-24	4.1	13
31	Aliskiren protects against myocardial ischaemia-reperfusion injury via an endothelial nitric oxide synthase dependent manner. *Clinical and Experimental Pharmacology and Physiology*, **2017**, 44, 266-274	3	12
30	Changes in circulating microRNA-126 levels are associated with immune imbalance in children with acute asthma. *International Journal of Immunopathology and Pharmacology*, **2018**, 32, 2058738418779243	3	12
29	Stress-Activated Kinase Mitogen-Activated Kinase Kinase-7 Governs Epigenetics of Cardiac Repolarization for Arrhythmia Prevention. *Circulation*, **2017**, 135, 683-699	16.7	11
28	Rabbit aortic endothelial dysfunction by low-density lipoprotein is attenuated by L-arginine, L-ascorbate and pyridoxine. *British Journal of Pharmacology*, **2003**, 140, 1272-82	8.6	11
27	Inhibition of endothelial nitric oxide generation by low-density lipoprotein is partially prevented by L-arginine and L-ascorbate. *Atherosclerosis*, **2004**, 176, 345-53	3.1	10
26	Kupffer cells promote T-cell hepatitis by producing CXCL10 and limiting liver sinusoidal endothelial cell permeability. *Theranostics*, **2020**, 10, 7163-7177	12.1	10
25	eNOS S-nitrosylation mediated OxLDL-induced endothelial dysfunction via increasing the interaction of eNOS with catenin. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2019**, 1865, 1793-1801	6.9	10
24	Generation of a self-cleaved inducible Cre recombinase for efficient temporal genetic manipulation. *EMBO Journal*, **2020**, 39, e102675	13	9
23	Cardiac effects of amiloride and of enalapril in the spontaneously hypertensive rat. *Journal of Hypertension*, **2003**, 21, 1583-9	1.9	9
22	Tension force-induced bone formation in orthodontic tooth movement via modulation of the GSK-3/catenin signaling pathway. *Journal of Molecular Histology*, **2018**, 49, 75-84	3.3	9
21	Implications of cardiac markers in risk-stratification and management for COVID-19 patients. *Critical Care*, **2021**, 25, 158	10.8	7
20	Genetic fate-mapping reveals surface accumulation but not deep organ invasion of pleural and peritoneal cavity macrophages following injury. *Nature Communications*, **2021**, 12, 2863	17.4	7
19	HINT1 (Histidine Triad Nucleotide-Binding Protein 1) Attenuates Cardiac Hypertrophy Via Suppressing HOXA5 (Homeobox A5) Expression. *Circulation*, **2021**, 144, 638-654	16.7	7

18	Loss of Caspase-Activated DNase Protects Against Atherosclerosis in Apolipoprotein E-Deficient Mice. *Journal of the American Heart Association*, **2016**, 5,	6	6
17	Combined Primary PCI with Multiple Thrombus Burden Reduction Therapy Improved Cardiac Function in Patients with Acute Anterior Myocardial Infarction. *International Heart Journal*, **2019**, 60, 27-36	1.8	6
16	Production of endogenous hydrogen sulfide in human gingival tissue. *Archives of Oral Biology*, **2017** , 74, 108-113	2.8	5
15	S-nitrosylation-mediated coupling of G-protein alpha-2 with CXCR5 induces Hippo/YAP-dependent diabetes-accelerated atherosclerosis. *Nature Communications*, **2021**, 12, 4452	17.4	5
14	Inhibition of HSP90 S-nitrosylation alleviates cardiac fibrosis via TGF/SMAD3 signalling pathway. *British Journal of Pharmacology*, **2021**, 178, 4608-4625	8.6	4
13	A genetic system for tissue-specific inhibition of cell proliferation. *Development (Cambridge)*, **2020**, 147,	6.6	3
12	Caspase-4/11-Mediated Pulmonary Artery Endothelial Cell Pyroptosis Contributes to Pulmonary Arterial Hypertension.. *Hypertension*, **2022**, HYPERTENSIONAHA12117868	8.5	3
11	Single-Cell Transcriptome Analysis Reveals Embryonic Endothelial Heterogeneity at Spatiotemporal Level and Multifunctions of MicroRNA-126 in Mice.. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2022**, ATVBAHA121317093	9.4	3
10	Immunological Feature and Transcriptional Signaling of Ly6C Monocyte Subsets From Transcriptome Analysis in Control and Hyperhomocysteinemic Mice. *Frontiers in Immunology*, **2021**, 12, 632333	8.4	3
9	Molecular processes mediating hyperhomocysteinemia-induced metabolic reprogramming, redox regulation and growth inhibition in endothelial cells. *Redox Biology*, **2021**, 45, 102018	11.3	2
8	S-nitrosylation of c-Jun N-terminal kinase mediates pressure overload-induced cardiac dysfunction and fibrosis. *Acta Pharmacologica Sinica*, **2021**,	8	1
7	Endothelial peroxynitrite causes disturbance of neuronal oscillations by targeting caspase-1 in the arcuate nucleus. *Redox Biology*, **2021**, 47, 102147	11.3	1
6	S-nitrosylation of Hsp90 promotes cardiac hypertrophy in mice through GSK3signaling.. *Acta Pharmacologica Sinica*, **2021**,	8	1
5	Hsp90S-nitrosylation at Cys521, as a conformational switch, modulates cycling of Hsp90-AHA1-CDC37 chaperone machine to aggravate atherosclerosis.. *Redox Biology*, **2022**, 52, 102290	11.3	0
4	Adaptive Immune Response Signaling Is Suppressed in Ly6C Monocyte but Upregulated in Monocyte Subsets of Mice - Functional Implication in Atherosclerosis.. *Frontiers in Immunology*, **2021**, 12, 809208	8.4	0
3	Progress on familial hypercholesterolemia. *Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji* , **2021**, 43, 1011-1022	1.4	0
2	Catenin alleviates cardiac fibrosis through inhibiting phosphorylation of GSK-3*Journal of Biomedical Research*, **2019**, 1-9	1.5	
1	Response by Zhang and Ji to Letter Regarding Article, "HINT1 (Histidine Triad Nucleotide-Binding Protein 1) Attenuates Cardiac Hypertrophy Via Suppressing HOXA5 (Homeobox A5) Expression".. *Circulation*, **2022**, 145, e151-e152	16.7	