Yue Gu

List of Publications by Year in Descending Order

39 papers	644 citations	15 h-index	24 g-index
42 ext. papers	891 ext. citations	5.1 avg, IF	3.87 L-index

#	Paper	IF	Citations
39	NRP2 promotes atherosclerosis by upregulating PARP1 expression and enhancing low shear stress-induced endothelial cell apoptosis.. *FASEB Journal*, **2022**, 36, e22079	0.9	1
38	Targeting the KCa3.1 channel suppresses diabetes-associated atherosclerosis via the STAT3/CD36 axis.. *Diabetes Research and Clinical Practice*, **2022**, 109776	7.4	0
37	Plasma Small Extracellular Vesicle-Carried miRNA-501-5p Promotes Vascular Smooth Muscle Cell Phenotypic Modulation-Mediated In-Stent Restenosis. *Oxidative Medicine and Cellular Longevity*, **2021**, 2021, 6644970	6.7	5
36	Akt phosphorylation regulated by IKK□n response to low shear stress leads to endothelial inflammation via activating IRF3. *Cellular Signalling*, **2021**, 80, 109900	4.9	1
35	Mitoferrin 2 deficiency prevents mitochondrial iron overload-induced endothelial injury and alleviates atherosclerosis. *Experimental Cell Research*, **2021**, 402, 112552	4.2	1
34	Therapeutic Exosomes in Prognosis and Developments of Coronary Artery Disease. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 691548	5.4	3
33	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
32	Alteration in the mRNA expression profile of the autophagy-related mTOR pathway in schizophrenia patients treated with olanzapine. *BMC Psychiatry*, **2021**, 21, 388	4.2	2
31	Bioactive Compounds From Coptidis Rhizoma Alleviate Pulmonary Arterial Hypertension by Inhibiting Pulmonary Artery Smooth Muscle CellsUProliferation and Migration. *Journal of Cardiovascular Pharmacology*, **2021**, 78, 253-262	3.1	2
30	Single-Cell RNA Sequencing of the Rat Carotid Arteries Uncovers Potential Cellular Targets of Neointimal Hyperplasia.. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 751525	5.4	0
29	Conservative vs Surgical Treatment of Impacted Femoral Neck Fracture in Patients 75 Years and Older. *Journal of the American Geriatrics Society*, **2020**, 68, 2214-2221	5.6	3
28	A Clinical Application Study of Mixed Reality Technology Assisted Lumbar Pedicle Screws Implantation. *Medical Science Monitor*, **2020**, 26, e924982	3.2	5
27	Low shear stress induces endothelial cell apoptosis and monocyte adhesion by upregulating PECAM-1 expression. *Molecular Medicine Reports*, **2020**, 21, 2580-2588	2.9	1
26	Protective Activities of C. Z. Tang et S. J. Cheng Polysaccharide against High-Cholesterol Diet-Induced Atherosclerosis in Zebrafish. *Oxidative Medicine and Cellular Longevity*, **2020**, 2020, 8365056	6.7	4
25	Pyruvate kinase M2 activation protects against the proliferation and migration of pulmonary artery smooth muscle cells. *Cell and Tissue Research*, **2020**, 382, 585-598	4.2	3
24	IGF-1-releasing PLGA nanoparticles modified 3D printed PCL scaffolds for cartilage tissue engineering. *Drug Delivery*, **2020**, 27, 1106-1114	7	20
23	S-nitrosation impairs KLF4 activity and instigates endothelial dysfunction in pulmonary arterial hypertension. *Redox Biology*, **2019**, 21, 101099	11.3	18

22	Pulmonary Artery Denervation Significantly Increases 6-Min Walk Distance for Patients With Combined Pre- and Post-Capillary Pulmonary Hypertension Associated With Left Heart Failure: The PADN-5 Study. *JACC: Cardiovascular Interventions*, **2019**, 12, 274-284	5	34
21	Oscillatory Shear Stress Induces Oxidative Stress via TLR4 Activation in Endothelial Cells. *Mediators of Inflammation*, **2019**, 2019, 7162976	4.3	12
20	Berberine inhibits low shear stress-induced glycocalyx degradation via modulating AMPK and p47/Hyal2 signal pathway. *European Journal of Pharmacology*, **2019**, 856, 172413	5.3	9
19	Activation of the PP2A catalytic subunit by ivabradine attenuates the development of diabetic cardiomyopathy. *Journal of Molecular and Cellular Cardiology*, **2019**, 130, 170-183	5.8	7
18	AMP-activated protein kinase regulates glycocalyx impairment and macrophage recruitment in response to low shear stress. *FASEB Journal*, **2019**, 33, 7202-7212	0.9	9
17	Oscillating flow promotes inflammation through the TLR2-TAK1-IKK2 signalling pathway in human umbilical vein endothelial cell (HUVECs). *Life Sciences*, **2019**, 224, 212-221	6.8	9
16	Inhibition of Src activation reverses pulmonary vascular remodeling in experimental pulmonary arterial hypertension via Akt/mTOR/HIF-1 signaling pathway. *Experimental Cell Research*, **2019**, 380, 36-46	4.2	20
15	Norepinephrine stimulation downregulates the -adrenergic receptor-nitric oxide pathway in human pulmonary artery endothelial cells. *Journal of Cellular Physiology*, **2019**, 234, 1842-1850	7	2
14	Percutaneous kyphoplasty assisted with/without mixed reality technology in treatment of OVCF with IVC: a prospective study. *Journal of Orthopaedic Surgery and Research*, **2019**, 14, 255	2.8	20
13	Exosomes in Coronary Artery Disease. *International Journal of Biological Sciences*, **2019**, 15, 2461-2470	11.2	18
12	Berberine attenuates hypoxia-induced pulmonary arterial hypertension via bone morphogenetic protein and transforming growth factor- signaling. *Journal of Cellular Physiology*, **2019**, 234, 17482-17493	7	17
11	Intravascular ultrasound guidance reduces cardiac death and coronary revascularization in patients undergoing drug-eluting stent implantation: results from a meta-analysis of 9 randomized trials and 4724 patients. *International Journal of Cardiovascular Imaging*, **2019**, 35, 239-247	2.5	21
10	Pulmonary artery denervation improves hemodynamics and cardiac function in pulmonary hypertension secondary to heart failure. *Pulmonary Circulation*, **2019**, 9, 2045894018816297	2.7	8
9	Berberine attenuates pulmonary arterial hypertension via protein phosphatase 2A signaling pathway both in vivo and in vitro. *Journal of Cellular Physiology*, **2018**, 233, 9750-9762	7	16
8	Hyaluronidase2 (Hyal2) modulates low shear stress-induced glycocalyx impairment via the LKB1/AMPK/NADPH oxidase-dependent pathway. *Journal of Cellular Physiology*, **2018**, 233, 9701-9715	7	10
7	Exogenous hydrogen sulfide attenuates the development of diabetic cardiomyopathy via the FoxO1 pathway. *Journal of Cellular Physiology*, **2018**, 233, 9786-9798	7	23
6	Functional protection against cardiac diseases depends on ATP-sensitive potassium channels. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 5801-5806	5.6	6
5	Inhibition of angiotension II type 1 receptor reduced human endothelial inflammation induced by low shear stress. *Experimental Cell Research*, **2017**, 360, 94-104	4.2	12

4	SIRT3 Mediates the Antioxidant Effect of Hydrogen Sulfide in Endothelial Cells. *Antioxidants and Redox Signaling*, **2016**, 24, 329-43	8.4	75
3	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
2	Hydrogen Sulfide Induces Keap1 S-sulfhydration and Suppresses Diabetes-Accelerated Atherosclerosis via Nrf2 Activation. *Diabetes*, **2016**, 65, 3171-84	0.9	162
1	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