

Yue Gu

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,116
citations

471061

17
h-index

414034

32
g-index

42
all docs

42
docs citations

42
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen Sulfide Induces Keap1 S-sulfhydration and Suppresses Diabetes-Accelerated Atherosclerosis via Nrf2 Activation. <i>Diabetes</i> , 2016, 65, 3171-3184.	0.3	249
2	SIRT3 Mediates the Antioxidant Effect of Hydrogen Sulfide in Endothelial Cells. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 329-343.	2.5	94
3	Pulmonary Artery Denervation Significantly Increases 6-Min Walk Distance for Patients With Combined Pre- and Post-Capillary Pulmonary Hypertension Associated With Left Heart Failure. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 274-284.	1.1	65
4	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. <i>Hepatology</i> , 2021, 73, 282-302.	3.6	62
5	Hydrogen Sulfide Regulates Krüppel-like Factor 5 Transcription Activity via Specificity Protein 1 S-sulfhydration at Cys664 to Prevent Myocardial Hypertrophy. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	59
6	IGF-1-releasing PLGA nanoparticles modified 3D printed PCL scaffolds for cartilage tissue engineering. <i>Drug Delivery</i> , 2020, 27, 1106-1114.	2.5	49
7	Percutaneous kyphoplasty assisted with/without mixed reality technology in treatment of OVCF with IVC: a prospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 255.	0.9	43
8	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. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 239-247.	0.7	43
9	Exosomes in Coronary Artery Disease. <i>International Journal of Biological Sciences</i> , 2019, 15, 2461-2470.	2.6	39
10	Exogenous hydrogen sulfide attenuates the development of diabetic cardiomyopathy via the FoxO1 pathway. <i>Journal of Cellular Physiology</i> , 2018, 233, 9786-9798.	2.0	35
11	Inhibition of Src activation reverses pulmonary vascular remodeling in experimental pulmonary arterial hypertension via Akt/mTOR/HIF-1 α signaling pathway. <i>Experimental Cell Research</i> , 2019, 380, 36-46.	1.2	29
12	S-nitrosation impairs KLF4 activity and instigates endothelial dysfunction in pulmonary arterial hypertension. <i>Redox Biology</i> , 2019, 21, 101099.	3.9	28
13	Oscillatory Shear Stress Induces Oxidative Stress via TLR4 Activation in Endothelial Cells. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	1.4	26
14	Berberine attenuates hypoxia-induced pulmonary arterial hypertension via bone morphogenetic protein and transforming growth factor β signaling. <i>Journal of Cellular Physiology</i> , 2019, 234, 17482-17493.	2.0	26
15	Aliskiren improves endothelium-dependent relaxation of thoracic aorta by activating PI3K/Akt/eNOS signal pathway in SHR. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 450-458.	0.9	22
16	Berberine attenuates pulmonary arterial hypertension via protein phosphatase 2A signaling pathway both in vivo and in vitro. <i>Journal of Cellular Physiology</i> , 2018, 233, 9750-9762.	2.0	20
17	Inhibition of angiotension II type 1 receptor reduced human endothelial inflammation induced by low shear stress. <i>Experimental Cell Research</i> , 2017, 360, 94-104.	1.2	19
18	AMP-activated protein kinase regulates glycocalyx impairment and macrophage recruitment in response to low shear stress. <i>FASEB Journal</i> , 2019, 33, 7202-7212.	0.2	17

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19	Pulmonary artery denervation improves hemodynamics and cardiac function in pulmonary hypertension secondary to heart failure. <i>Pulmonary Circulation</i> , 2019, 9, 204589401881629.	0.8	17
20	A Clinical Application Study of Mixed Reality Technology Assisted Lumbar Pedicle Screws Implantation. <i>Medical Science Monitor</i> , 2020, 26, e924982.	0.5	16
21	NRP2 promotes atherosclerosis by upregulating PARP1 expression and enhancing low shear stress-induced endothelial cell apoptosis. <i>FASEB Journal</i> , 2022, 36, e22079.	0.2	16
22	Hyaluronidase2 (Hyal2) modulates low shear stress-induced glycocalyx impairment via the LKB1/AMPK/NADPH oxidase-dependent pathway. <i>Journal of Cellular Physiology</i> , 2018, 233, 9701-9715.	2.0	15
23	Oscillating flow promotes inflammation through the TLR2-TAK1- IKK2 signalling pathway in human umbilical vein endothelial cell (HUVECs). <i>Life Sciences</i> , 2019, 224, 212-221.	2.0	13
24	Berberine inhibits low shear stress-induced glycocalyx degradation via modulating AMPK and p47phox/Hyal2 signal pathway. <i>European Journal of Pharmacology</i> , 2019, 856, 172413.	1.7	12
25	Protective Activities of <i>Dendrobium huoshanense</i> C. Z. Tang et S. J. Cheng Polysaccharide against High-Cholesterol Diet-Induced Atherosclerosis in Zebrafish. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	10
26	Akt phosphorylation regulated by $\text{IKK}\beta$ in response to low shear stress leads to endothelial inflammation via activating IRF3. <i>Cellular Signalling</i> , 2021, 80, 109900.	1.7	10
27	Functional protection against cardiac diseases depends on ATP -sensitive potassium channels. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5801-5806.	1.6	9
28	Mitoferrin 2 deficiency prevents mitochondrial iron overload-induced endothelial injury and alleviates atherosclerosis. <i>Experimental Cell Research</i> , 2021, 402, 112552.	1.2	9
29	Activation of the PP2A catalytic subunit by ivabradine attenuates the development of diabetic cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 130, 170-183.	0.9	8
30	Plasma Small Extracellular Vesicle-Carried miRNA-501-5p Promotes Vascular Smooth Muscle Cell Phenotypic Modulation-Mediated In-Stent Restenosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	1.9	8
31	Conservative vs Surgical Treatment of Impacted Femoral Neck Fracture in Patients 75 Years and Older. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 2214-2221.	1.3	7
32	Bioactive Compounds From <i>Coptidis Rhizoma</i> Alleviate Pulmonary Arterial Hypertension by Inhibiting Pulmonary Artery Smooth Muscle Cells' Proliferation and Migration. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 78, 253-262.	0.8	7
33	Pyruvate kinase M2 activation protects against the proliferation and migration of pulmonary artery smooth muscle cells. <i>Cell and Tissue Research</i> , 2020, 382, 585-598.	1.5	6
34	Low shear stress induces endothelial cell apoptosis and monocyte adhesion by upregulating PECAM-1 expression. <i>Molecular Medicine Reports</i> , 2020, 21, 2580-2588.	1.1	6
35	Therapeutic Exosomes in Prognosis and Developments of Coronary Artery Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 691548.	1.1	5
36	Alteration in the mRNA expression profile of the autophagy-related mTOR pathway in schizophrenia patients treated with olanzapine. <i>BMC Psychiatry</i> , 2021, 21, 388.	1.1	5

#	ARTICLE	IF	CITATIONS
37	Targeting the KCa3.1 channel suppresses diabetes-associated atherosclerosis via the STAT3/CD36 axis. <i>Diabetes Research and Clinical Practice</i> , 2022, , 109776.	1.1	5
38	Single-Cell RNA Sequencing of the Rat Carotid Arteries Uncovers Potential Cellular Targets of Neointimal Hyperplasia. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 751525.	1.1	5
39	Norepinephrine stimulation downregulates the β_2 -adrenergic receptor-nitric oxide pathway in human pulmonary artery endothelial cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 1842-1850.	2.0	2