

Weixun Duan

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.

42
papers

1,523
citations

18
h-index

39
g-index

45
ext. papers

1,860
ext. citations

5.6
avg, IF

3.99
L-index

#	Paper	IF	Citations
42	Serum Myoglobin Is Associated With Postoperative Acute Kidney Injury in Stanford Type A Aortic Dissection.. <i>Frontiers in Medicine</i> , 2022 , 9, 821418	4.9	1
41	The Construction of a Risk Prediction Model Based on Neural Network for Pre-operative Acute Ischemic Stroke in Acute Type A Aortic Dissection Patients.. <i>Frontiers in Neurology</i> , 2021 , 12, 792678	4.1	0
40	G Protein-Coupled Estrogen Receptor 30 Reduces Transverse Aortic Constriction-Induced Myocardial Fibrosis in Aged Female Mice by Inhibiting the ERK1/2 -MMP-9 Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021 , 12, 731609	5.6	0
39	GDF11 prevents the formation of thoracic aortic dissection in mice: Promotion of contractile transition of aortic SMCs. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 4623-4636	5.6	4
38	Sex Differences of Clinical Presentation and Outcomes in Propensity-Matched Patients with Acute Type A Aortic Dissection. <i>Heart Surgery Forum</i> , 2021 , 24, E311-E316	0.7	1
37	Evaluating the monogenic contribution and genotype-phenotype correlation in patients with isolated thoracic aortic aneurysm. <i>European Journal of Human Genetics</i> , 2021 , 29, 1129-1138	5.3	1
36	The role of SARS-CoV-2 target ACE2 in cardiovascular diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 1342-1349	5.6	7
35	A De Novo sSMC (22) Characterized by High-Resolution Chromosome Microarray Analysis in a Chinese Boy with Cat-Eye Syndrome. <i>Case Reports in Genetics</i> , 2021 , 2021, 8824184	0.7	
34	Study on active components of mulberry leaf for the prevention and treatment of cardiovascular complications of diabetes. <i>Journal of Functional Foods</i> , 2021 , 83, 104549	5.1	4
33	Genetic testing and clinical relevance of patients with thoracic aortic aneurysm and dissection in northwestern China. <i>Molecular Genetics & Genomic Medicine</i> , 2021 , 9, e1800	2.3	1
32	circ_0023461 Silencing Protects Cardiomyocytes from Hypoxia-Induced Dysfunction through Targeting miR-370-3p/PDE4D Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 8379962	6.7	1
31	Melatonin protects against thoracic aortic aneurysm and dissection through SIRT1-dependent regulation of oxidative stress and vascular smooth muscle cell loss. <i>Journal of Pineal Research</i> , 2020 , 69, e12661	10.4	12
30	Effectiveness of a novel, completely biomaterial valved pulmonary arterial conduit: An study. <i>Experimental and Therapeutic Medicine</i> , 2020 , 20, 1935-1942	2.1	1
29	Novel PGC-1/ATF5 Axis Partly Activates UPR and Mediates Cardioprotective Role of Tetrahydrocurcumin in Pathological Cardiac Hypertrophy. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 9187065	6.7	3
28	Melatonin suppresses ER stress-dependent proapoptotic effects via AMPK in bone mesenchymal stem cells during mitochondrial oxidative damage. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 442	8.3	6
27	Preoperative Imaging Risk Findings for Postoperative New Stroke in Patients With Acute Type A Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 602610	5.4	1
26	Tetrahydrocurcumin Ameliorates Diabetic Cardiomyopathy by Attenuating High Glucose-Induced Oxidative Stress and Fibrosis via Activating the SIRT1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 6746907	6.7	47

25	Total arch repair with open placement of a novel double-branched stent graft for acute Type A aortic dissection: a single-centre experience with 21 consecutive patients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019 , 28, 262-269	1.8	5
24	C1q-TNF-related protein-3 attenuates pressure overload-induced cardiac hypertrophy by suppressing the p38/CREB pathway and p38-induced ER stress. <i>Cell Death and Disease</i> , 2019 , 10, 520	9.8	21
23	Identification of CTA-Based Predictive Findings for Temporary and Permanent Neurological Dysfunction after Repair in Acute Type A Aortic Dissection. <i>Scientific Reports</i> , 2018 , 8, 9740	4.9	4
22	Honokiol Ameliorates Myocardial Ischemia/Reperfusion Injury in Type 1 Diabetic Rats by Reducing Oxidative Stress and Apoptosis through Activating the SIRT1-Nrf2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 3159801	6.7	49
21	Melatonin ameliorates myocardial ischemia/reperfusion injury in type 1 diabetic rats by preserving mitochondrial function: role of AMPK-PGC-1 β -SIRT3 signaling. <i>Scientific Reports</i> , 2017 , 7, 41337	4.9	126
20	Melatonin ameliorates myocardial ischemia reperfusion injury through SIRT3-dependent regulation of oxidative stress and apoptosis. <i>Journal of Pineal Research</i> , 2017 , 63, e12419	10.4	172
19	Combined CT angiography of the aorta and craniocervical artery: a new imaging protocol for assessment of acute type A aortic dissection. <i>Journal of Thoracic Disease</i> , 2017 , 9, 4733-4742	2.6	1
18	Melatonin protects against the pathological cardiac hypertrophy induced by transverse aortic constriction through activating PGC-1 β In vivo and in vitro studies. <i>Journal of Pineal Research</i> , 2017 , 63, e12433	10.4	38
17	A feasibility study of total endovascular aortic arch replacement: From stent-graft design to preclinical testing. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1203-12	1.5	12
16	Cardiac stem cell transplantation with 2,3,5,4-tetrahydroxystilbene-2-O- β -D-glucoside improves cardiac function in rat myocardial infarction model. <i>Life Sciences</i> , 2016 , 158, 37-45	6.8	14
15	GPER inhibits diabetes-mediated RhoA activation to prevent vascular endothelial dysfunction. <i>European Journal of Cell Biology</i> , 2016 , 95, 100-13	6.1	10
14	Pterostilbene exerts an anti-inflammatory effect via regulating endoplasmic reticulum stress in endothelial cells. <i>Cytokine</i> , 2016 , 77, 88-97	4	26
13	Berberine Attenuates Myocardial Ischemia/Reperfusion Injury by Reducing Oxidative Stress and Inflammation Response: Role of Silent Information Regulator 1. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 1689602	6.7	69
12	Melatonin reduces PERK-eIF2 β -ATF4-mediated endoplasmic reticulum stress during myocardial ischemia-reperfusion injury: role of RISK and SAFE pathways interaction. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016 , 21, 809-24	5.4	55
11	Reply to the Editor. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 1682	1.5	2
10	The roles of nanocarriers on pigment epithelium-derived factor in the differentiation of human cardiac stem cells. <i>Cell and Tissue Research</i> , 2015 , 362, 611-21	4.2	3
9	Reduced silent information regulator 1 signaling exacerbates myocardial ischemia-reperfusion injury in type 2 diabetic rats and the protective effect of melatonin. <i>Journal of Pineal Research</i> , 2015 , 59, 376-90	10.4	89
8	Membrane receptor-dependent Notch1/Hes1 activation by melatonin protects against myocardial ischemia-reperfusion injury: in vivo and in vitro studies. <i>Journal of Pineal Research</i> , 2015 , 59, 420-33	10.4	78

7	Transcatheter versus surgical closure of perimembranous ventricular septal defects in children: a randomized controlled trial. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1159-1168	15.1	71
6	Melatonin receptor-mediated protection against myocardial ischemia/reperfusion injury: role of SIRT1. <i>Journal of Pineal Research</i> , 2014 , 57, 228-38	10.4	154
5	Clinical features of acute aortic dissection from the Registry of Aortic Dissection in China. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2995-3000	1.5	78
4	SIRT1 activation by curcumin pretreatment attenuates mitochondrial oxidative damage induced by myocardial ischemia reperfusion injury. <i>Free Radical Biology and Medicine</i> , 2013 , 65, 667-679	7.8	160
3	Silybin-mediated inhibition of Notch signaling exerts antitumor activity in human hepatocellular carcinoma cells. <i>PLoS ONE</i> , 2013 , 8, e83699	3.7	43
2	New role of JAK2/STAT3 signaling in endothelial cell oxidative stress injury and protective effect of melatonin. <i>PLoS ONE</i> , 2013 , 8, e57941	3.7	57
1	The effects of curcumin post-treatment against myocardial ischemia and reperfusion by activation of the JAK2/STAT3 signaling pathway. <i>Basic Research in Cardiology</i> , 2012 , 107, 263	11.8	96