

Huishan Wang

List of Publications by Year in descending order

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71
papers

1,401
citations

361045

20
h-index

377514

34
g-index

75
all docs

75
docs citations

75
times ranked

2270
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	167
2	Melatonin attenuates diabetic cardiomyopathy and reduces myocardial vulnerability to ischemia-reperfusion injury by improving mitochondrial quality control: Role of SIRT6. <i>Journal of Pineal Research</i> , 2021, 70, e12698.	3.4	112
3	Diallyl trisulfide ameliorates myocardial ischemia-reperfusion injury by reducing oxidative stress and endoplasmic reticulum stress-mediated apoptosis in type 1 diabetic rats: role of SIRT1 activation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 942-954.	2.2	89
4	Melatonin protects diabetic heart against ischemia-reperfusion injury, role of membrane receptor-dependent cGMP-PKG activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 563-578.	1.8	89
5	Melatonin rescues cardiac thioredoxin system during ischemia-reperfusion injury in acute hyperglycemic state by restoring Notch1/Hes1/Akt signaling in a membrane receptor-dependent manner. <i>Journal of Pineal Research</i> , 2017, 62, e12375.	3.4	59
6	Gender differences in fibrosis remodeling in patients with long-standing persistent atrial fibrillation. <i>Oncotarget</i> , 2017, 8, 53714-53729.	0.8	49
7	Association of genetic polymorphisms in ADH and ALDH2 with risk of coronary artery disease and myocardial infarction: A meta-analysis. <i>Gene</i> , 2013, 526, 134-141.	1.0	46
8	Impaired cardioprotective function of transplantation of mesenchymal stem cells from patients with diabetes mellitus to rats with experimentally induced myocardial infarction. <i>Cardiovascular Diabetology</i> , 2013, 12, 40.	2.7	44
9	Naringenin Attenuates Myocardial Ischemia-Reperfusion Injury via cGMP-PKG/Notch1 Signaling and In Vivo and In Vitro Studies. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	44
10	Polydatin Protects Diabetic Heart against Ischemia-Reperfusion Injury via Notch1/Hes1-Mediated Activation of Pten/Akt Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-18.	1.9	43
11	Experimental Study of Nonpulsatile Flow Perfusion and Structural Remodeling of Pulmonary Microcirculation Vessels. <i>Thoracic and Cardiovascular Surgeon</i> , 2010, 58, 468-472.	0.4	42
12	Diallyl trisulfide exerts cardioprotection against myocardial ischemia-reperfusion injury in diabetic state, role of AMPK-mediated AKT/GSK-3 β /HIF-1 α activation. <i>Oncotarget</i> , 2017, 8, 74791-74805.	0.8	35
13	Transplantation of sendai viral angiopoietin-1-modified mesenchymal stem cells for ischemic limb disease. <i>Angiogenesis</i> , 2010, 13, 203-210.	3.7	30
14	Smartphone-based application to improve medication adherence in patients after surgical coronary revascularization. <i>American Heart Journal</i> , 2020, 228, 17-26.	1.2	30
15	Bcl-xL Genetic Modification Enhanced the Therapeutic Efficacy of Mesenchymal Stem Cell Transplantation in the Treatment of Heart Infarction. <i>Stem Cells International</i> , 2015, 2015, 1-14.	1.2	28
16	A prospective randomized trial of the cut-and-sew Maze procedure in patients undergoing surgery for rheumatic mitral valve disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 608-617.	0.4	28
17	Plasma Circular RNAs, Hsa_circRNA_025016, Predict Postoperative Atrial Fibrillation After Isolated Off-Pump Coronary Artery Bypass Grafting. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	27
18	Calcium-Induced Autonomic Denervation in Patients With Post-Operative Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2021, 77, 57-67.	1.2	26

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19	Experimental Study of Effect of Fontan Circuit on Pulmonary Microcirculation. <i>Asian Cardiovascular and Thoracic Annals</i> , 2006, 14, 183-188.	0.2	24
20	Relation of Mitochondrial DNA Copy Number in Peripheral Blood to Postoperative Atrial Fibrillation After Isolated Off-Pump Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2017, 119, 473-477.	0.7	24
21	Long noncoding RNA upregulated in hypothermia treated cardiomyocytes protects against myocardial infarction through improving mitochondrial function. <i>International Journal of Cardiology</i> , 2018, 266, 213-217.	0.8	22
22	Early- and intermediate-term results of surgical correction in 122 patients with total anomalous pulmonary venous connection and biventricular physiology. <i>Journal of Cardiothoracic Surgery</i> , 2015, 10, 172.	0.4	18
23	Meta-analysis of short-term high versus low doses of atorvastatin preventing contrast-induced acute kidney injury in patients undergoing coronary angiography/percutaneous coronary intervention. <i>Journal of Clinical Pharmacology</i> , 2015, 55, 123-131.	1.0	18
24	Carvedilol for Prevention of Atrial Fibrillation after Cardiac Surgery: A Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e94005.	1.1	17
25	The systemic-immune-inflammation index predicts the recurrence of atrial fibrillation after cryomaze concomitant with mitral valve surgery. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 45.	0.7	16
26	Total Arch Replacement via Single Upper-Hemisternotomy Approach in Patients With Type A Dissection. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1394-1399.	0.7	15
27	Cardioprotective effects of melatonin against myocardial ischaemia/reperfusion injury: Activation of AMPK/Nrf2 pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6455-6459.	1.6	14
28	The Evaluation of Preoperative Right Ventricular Diastolic Dysfunction on Coronary Artery Disease Patients with Left Ventricular Dysfunction. <i>Echocardiography</i> , 2014, 31, 1259-1264.	0.3	13
29	Angiotensin II Activates Signal Transducers and Activators of Transcription 3 via Rac1 in the Atrial Tissue in Permanent Atrial Fibrillation Patients with Rheumatic Heart Disease. <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 205-213.	0.9	13
30	The Midterm Results of Radiofrequency Ablation and Vagal Denervation in the Surgical Treatment of Long-Standing Atrial Fibrillation Associated with Rheumatic Heart Disease. <i>Thoracic and Cardiovascular Surgeon</i> , 2015, 63, 250-256.	0.4	12
31	Radionuclide and Angiographic Assessment of Pulmonary Perfusion After Fontan Procedure: Comparative Interim Outcomes. <i>Annals of Thoracic Surgery</i> , 2012, 93, 620-625.	0.7	11
32	Bronchogenic cyst of the interatrial septum. <i>Journal of Cardiothoracic Surgery</i> , 2013, 8, 171.	0.4	11
33	Advanced Age Impairs Cardioprotective Function of Mesenchymal Stem Cell Transplantation from Patients to Myocardially Infarcted Rats. <i>Cardiology</i> , 2014, 128, 209-219.	0.6	11
34	Impact of proinflammatory epicardial adipose tissue and differentially enhanced autonomic remodeling on human atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, e158-e174.	0.4	11
35	Effect of Autologous Bone Marrow Cell Transplantation Combined with Off-Pump Coronary Artery Bypass Grafting on Cardiac Function in Patients with Chronic Myocardial Infarction. <i>Cardiology</i> , 2015, 130, 27-33.	0.6	10
36	The transcriptome responses of cardiomyocyte exposed to hypothermia. <i>Cryobiology</i> , 2016, 72, 244-250.	0.3	10

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37	Blockade of the Notch Signaling Pathway Promotes M2 Macrophage Polarization to Suppress Cardiac Fibrosis Remodeling in Mice With Myocardial Infarction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 639476.	1.1	10
38	The Effects of Diabetes Mellitus in Patients Undergoing Off-Pump Coronary Artery Bypass Grafting. <i>BioMed Research International</i> , 2016, 2016, 1-6.	0.9	8
39	miR-539 as a key negative regulator of the MEK pathway in myocardial infarction. <i>Herz</i> , 2017, 42, 781-789.	0.4	8
40	Kaiso protects human umbilical vein endothelial cells against apoptosis by differentially regulating the expression of B-cell CLL/lymphoma 2 family members. <i>Scientific Reports</i> , 2017, 7, 7116.	1.6	8
41	Surgical Correction of Common Atrium without Noncardiac Congenital Anomalies. <i>Journal of Cardiac Surgery</i> , 2013, 28, 580-586.	0.3	7
42	Development of Pulmonary Arteries after a Central End-to-Side Shunt in Patients with Pulmonary Atresia, Ventricular Septal Defect, and Diminutive Pulmonary Arteries. <i>Thoracic and Cardiovascular Surgeon</i> , 2014, 62, 211-215.	0.4	7
43	Relationship between Angiotensin Converting Enzyme, Apelin, and New-Onset Atrial Fibrillation after Off-Pump Coronary Artery Bypass Grafting. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	7
44	KCNE1 112G>A polymorphism and atrial fibrillation risk: a meta-analysis. <i>Genetics and Molecular Research</i> , 2014, 13, 8367-8377.	0.3	6
45	Co-cultured the MSCs and cardiomyocytes can promote the growth of cardiomyocytes. <i>Cytotechnology</i> , 2018, 70, 793-806.	0.7	6
46	Efficacy of Cut-and-Sew Surgical Ablation for Atrial Fibrillation in Patients With Giant Left Atria Undergoing Mitral Valve Surgery: A Propensity-Matched Analysis. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 796-802.	0.4	6
47	Cardiomyocyte-specific loss of RNA polymerase II subunit 5-mediating protein causes myocardial dysfunction and heart failure. <i>Cardiovascular Research</i> , 2019, 115, 1617-1628.	1.8	6
48	The Study of the Intercellular Trafficking of the Fusion Proteins of Herpes Simplex Virus Protein VP22. <i>PLoS ONE</i> , 2014, 9, e100840.	1.1	6
49	The mid-term follow-up of pulmonary perfusion in patients after extracardiac total cavopulmonary connection. <i>Nuclear Medicine Communications</i> , 2012, 33, 148-154.	0.5	5
50	Remifentanyl functions in the adaptive protection of cardiac function following ischemia. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1514-1520.	0.8	5
51	Coexisting ventricular septal defect affects the features of ruptured sinus of Valsalva aneurysms. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2017, 38, 257-261.	0.5	5
52	Initial Experience with Endoscopic Saphenous Vein Harvesting for Coronary Artery Bypass Grafting in Chinese Patients. <i>Heart Surgery Forum</i> , 2011, 14, 291.	0.2	5
53	Exercise Tolerance in Extracardiac Total Cavopulmonary Connection. <i>Asian Cardiovascular and Thoracic Annals</i> , 2009, 17, 39-44.	0.2	4
54	Half rotation of the truncus arteriosus plus arterial switch for transposition of the great arteries with ventricular septal defect and pulmonary outflow tract obstruction. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 40, 579-83.	0.6	4

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55	The impact of preoperative right ventricular dysfunction on early hemodynamic instability after coronary artery bypass graft surgery. <i>International Journal of Cardiology</i> , 2011, 152, 119-121.	0.8	3
56	Establishment of a rabbit model of coronary artery bypass graft and endothelial nitric oxide synthase gene transfection. <i>Genetics and Molecular Research</i> , 2015, 14, 1479-1486.	0.3	3
57	Aortic Implantation for Anomalous Connection of the Coronary Artery to the Pulmonary Artery in Older Children and Adults. <i>Thoracic and Cardiovascular Surgeon</i> , 2017, 65, 018-025.	0.4	3
58	A safety evaluation of profound hypothermia-induced suspended animation for delayed resuscitation at 90 or 120Âmin. <i>Military Medical Research</i> , 2017, 4, 16.	1.9	3
59	Comparison of CryoMaze With Cut-and-Sew Maze Concomitant With Mitral Valve Surgery: A Randomized Noninferiority Trial. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 680-688.	0.4	3
60	Effect of Advanced Age on Off-pump Coronary Artery Bypass Grafting. <i>Thoracic and Cardiovascular Surgeon</i> , 2016, 64, 225-229.	0.4	2
61	Staged Procedures versus Primary Repair for Tetralogy of Fallot and Small Left Ventricle. <i>Heart Surgery Forum</i> , 2012, 15, 37.	0.2	2
62	Effective Pulmonary Artery Perfusion Mode during Cardiopulmonary Bypass. <i>Heart Surgery Forum</i> , 2011, 14, 18.	0.2	2
63	Assessing left atrial function in patients with atrial fibrillation and valvular heart disease using cardiovascular magnetic resonance imaging. <i>Clinical Cardiology</i> , 2022, , .	0.7	2
64	Risk Factors for Midterm Cardiac Function Deterioration AfterÂValve Replacement Surgery in Patients With Rheumatic Mitral Stenosis. <i>Journal of Cardiac Failure</i> , 2013, 19, 565-570.	0.7	1
65	Effects and mechanisms of Fenofibrate on the secretion of vascular endothelial contraction factors in hypertensive rats. <i>Genetics and Molecular Research</i> , 2014, 13, 5269-5275.	0.3	1
66	Data on the gene expression of cardiomyocyte exposed to hypothermia. <i>Data in Brief</i> , 2016, 8, 45-48.	0.5	1
67	Surgical Management of Severe Ischaemic Mitral Regurgitation. <i>Heart Lung and Circulation</i> , 2018, 27, 517-523.	0.2	1
68	Traditional Atriopulmonary Connection Fontan with Excellent Outcome for 32 Years. <i>The Thoracic and Cardiovascular Surgeon Reports</i> , 2020, 09, e18-e20.	0.1	1
69	Left Atrial Mechanical Function Predicts Postoperative AF in Patients with Rheumatic Mitral Valve Disease Who Underwent Mitral Valve Surgery. <i>Heart Surgery Forum</i> , 2020, 23, E907-E912.	0.2	1
70	Data on long noncoding RNA upregulated in hypothermia treated cardiomyocytes protects against myocardial infarction through improving mitochondrial function. <i>Data in Brief</i> , 2018, 17, 610-625.	0.5	0
71	Single Upper Hemisternotomy Is Safe as a Routine Approach for Total Arch Replacement. <i>Annals of Thoracic Surgery</i> , 2021, 111, 378-379.	0.7	0