

Hongjia Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

648
citations

687363

13
h-index

677142

22
g-index

56
all docs

56
docs citations

56
times ranked

849
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnitude of Soluble ST2 as a Novel Biomarker for Acute Aortic Dissection. <i>Circulation</i> , 2018, 137, 259-269.	1.6	80
2	SLC7A11/xCT Prevents Cardiac Hypertrophy by Inhibiting Ferroptosis. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 437-447.	2.6	47
3	Cardiopulmonary bypass time is an independent risk factor for acute kidney injury in emergent thoracic aortic surgery: a retrospective cohort study. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 90.	1.1	45
4	MLP-deficient human pluripotent stem cell derived cardiomyocytes develop hypertrophic cardiomyopathy and heart failure phenotypes due to abnormal calcium handling. <i>Cell Death and Disease</i> , 2019, 10, 610.	6.3	43
5	The Complement C3a<i>â€“</i> C3aR Axis Promotes Development of Thoracic Aortic Dissection via Regulation of MMP2 Expression. <i>Journal of Immunology</i> , 2018, 200, 1829-1838.	0.8	36
6	Consumption coagulopathy in acute aortic dissection: principles of management. <i>Journal of Cardiothoracic Surgery</i> , 2017, 12, 50.	1.1	34
7	Combined Cathepsin S and hs-CRP predicting inflammation of Abdominal Aortic Aneurysm. <i>Clinical Biochemistry</i> , 2013, 46, 1026-1029.	1.9	31
8	Repair of Functional Tricuspid Regurgitation: Comparison Between Suture Annuloplasty and Rings Annuloplasty. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1286-1292.	1.3	26
9	Increased risk for the development of postoperative severe hypoxemia in obese women with acute type a aortic dissection. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 81.	1.1	26
10	Thyrotropin aggravates atherosclerosis by promoting macrophage inflammation in plaques. <i>Journal of Experimental Medicine</i> , 2019, 216, 1182-1198.	8.5	23
11	Increased frequency of FBN1 frameshift and nonsense mutations in Marfan syndrome patients with aortic dissection. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1041.	1.2	21
12	Efficient Correction of a Hypertrophic Cardiomyopathy Mutation by ABEmax-NG. <i>Circulation Research</i> , 2021, 129, 895-908.	4.5	20
13	Genetics and Clinical Features of Noncompaction Cardiomyopathy in the Fetal Population. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 617561.	2.4	18
14	Downregulation of the Yes-Associated Protein Is Associated with Extracellular Matrix Disorders in Ascending Aortic Aneurysms. <i>Stem Cells International</i> , 2016, 2016, 1-8.	2.5	14
15	Atorvastatin reverses the dysfunction of human umbilical vein endothelial cells induced by angiotensin II. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 5286-5297.	1.8	13
16	Case Report: Characterization of a Novel NONO Intronic Mutation in a Fetus With X-Linked Syndromic Mental Retardation-34. <i>Frontiers in Genetics</i> , 2020, 11, 593688.	2.3	13
17	Association of MMP-2 gene haplotypes with thoracic aortic dissection in chinese han population. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 11.	1.7	12
18	Characteristics of Cardiac Phenotype in Prenatal Familial Cases With <i>NONO</i> Mutations. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002847.	3.6	12

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19	Body mass index is an independent predictor of acute kidney injury after urgent aortic arch surgery for acute DeBakey Type I aortic dissection. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 145.	1.1	10
20	Quantile Score: A New Reference System for Quantitative Fetal Echocardiography Based on a Large Multicenter Study. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 296-302.e5.	2.8	9
21	Human Induced Pluripotent Stem Cells for Inherited Cardiovascular Diseases Modeling. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 533-541.	1.3	8
22	Marfan syndrome: whole-exome sequencing reveals de novo mutations, second gene and genotype-phenotype correlations in the Chinese population. <i>Bioscience Reports</i> , 2020, 40, .	2.4	8
23	Expanding the phenotype associated with SMARCC2 variants: a fetus with tetralogy of Fallot. <i>BMC Medical Genomics</i> , 2022, 15, 40.	1.5	8
24	Changes in coagulation factor XII and its function during aortic arch surgery for acute aortic dissection: a prospective observational study. <i>Journal of Thoracic Disease</i> , 2018, 10, 4006-4016.	1.4	7
25	Analysis of ascending aortic diameter and long-term prognosis in patients with ascending aortic dissection. <i>Echocardiography</i> , 2021, 38, 531-539.	0.9	6
26	Ranolazine rescues the heart failure phenotype of PLN-deficient human pluripotent stem cell-derived cardiomyocytes. <i>Stem Cell Reports</i> , 2022, 17, 804-819.	4.8	6
27	Thyroid Hormone Is Related to Postoperative AKI in Acute Type A Aortic Dissection. <i>Frontiers in Endocrinology</i> , 2020, 11, 588149.	3.5	5
28	Short-term outcomes of acute coronary involvement in type A aortic dissection without myocardial ischemia: a multiple center retrospective cohort study. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 107.	1.1	5
29	Outcomes of preoperative antiplatelet therapy in patients with acute type A aortic dissection. <i>Journal of Cardiac Surgery</i> , 2022, 37, 53-61.	0.7	5
30	Comparison of prognostic ability of perioperative myocardial biomarkers in acute type A aortic dissection. <i>Medicine (United States)</i> , 2019, 98, e17023.	1.0	4
31	Moderate Hypothermic Circulatory Arrest Is Preferable During Cardiopulmonary Bypass. <i>Therapeutic Hypothermia and Temperature Management</i> , 2020, 10, 114-121.	0.9	4
32	Is fibrinogen plasma level a risk factor for the first 24-hour death of medically treated acute type A aortic dissection patients?. <i>Annals of Translational Medicine</i> , 2020, 8, 1015-1015.	1.7	4
33	Expanding the phenotype of <i>STRA6</i> -related disorder to include left ventricular non-compaction. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1377.	1.2	4
34	Short Term Prognosis of Renal Artery Stenosis Secondary to Acute Type B Aortic Dissection With TEVAR. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 658952.	2.4	4
35	Comparison of Prognosis Between Hybrid Debranching Surgery and Total Open Arch Replacement With Frozen Elephant Trunk for Type A Acute Aortic Syndrome Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 689507.	2.4	4
36	Machine Learning Prediction Model for Acute Renal Failure After Acute Aortic Syndrome Surgery. <i>Frontiers in Medicine</i> , 2021, 8, 728521.	2.6	4

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37	Acute aortic dissection with a concomitant giant abdominal aorta aneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, e161-e162.	0.8	3
38	A novel intron mutation in FBN-1 gene identified in a pregnant woman with Marfan syndrome. <i>Hereditas</i> , 2021, 158, 6.	1.4	3
39	Detection of <i>TSC1</i> / <i>TSC2</i> mosaic variants in patients with cardiac rhabdomyoma and tuberous sclerosis complex by hybrid-capture next-generation sequencing. <i>Molecular Genetics & Genomic Medicine</i> , 2021, 9, e1802.	1.2	3
40	Case Report: Biventricular Noncompaction Cardiomyopathy With Pulmonary Stenosis and Bradycardia in a Fetus With <i>KCNH2</i> Mutation. <i>Frontiers in Genetics</i> , 2022, 13, 821226.	2.3	3
41	Association between quality of life and mental stress-induced myocardial ischaemia in high-risk patients after coronary revascularization. <i>Health and Quality of Life Outcomes</i> , 2022, 20, 69.	2.4	3
42	Protocol for creation of a risk scoring system for acute type A aortic dissection surgery. <i>International Journal of Surgery Protocols</i> , 2019, 14, 19-23.	1.1	2
43	Generation of a NONO homozygous knockout human induced pluripotent stem cell line by CRISPR/Cas9 editing. <i>Stem Cell Research</i> , 2020, 47, 101893.	0.7	2
44	Primary Cardiac Impairment in Patients With Marfan Syndrome Undergoing a Bentall Procedure. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1193-1200.	1.3	2
45	Effects of myocardial viability and left ventricular remodeling on survival of patients with heart failure and reduced ejection fraction after coronary artery bypass grafting. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 183-192.	1.7	2
46	TAZ Is Related to Postoperative In-Hospital Mortality of Acute Type A Aortic Dissection. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 587996.	2.4	1
47	Off-pump coronary artery bypass concomitant with retrieval of broken guide wire stuck in the brachial artery: a case report. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 46.	1.7	1
48	Mid-term Patency of the Great Saphenous Bypass to Aorta vs. Non-aortic Arteries in Stanford Type A Aortic Dissection Surgery With Concomitant CABG. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 743562.	2.4	1
49	Effect of left ventricular ejection fraction (LVEF) on mortality of total arch replacement in subacute/chronic type A aortic dissection. <i>Journal of Thoracic Disease</i> , 2022, 14, 405-413.	1.4	1
50	Influence of Dynamic and Static Obstructive Renal Artery on Early Prognosis in Standford Type A Aortic Dissection. <i>Heart Lung and Circulation</i> , 2022, , .	0.4	1
51	Does intensive blood pressure control benefit type B aortic dissection patients who undergoing surgical repair?. <i>Perfusion (United Kingdom)</i> , 2023, 38, 1260-1267.	1.0	1
52	Deep Hypothermic Circulatory Arrest Does Not Show Better Protection for Vital Organs Compared with Moderate Hypothermic Circulatory Arrest in Pig Model. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	0
53	Case report: a novel approach for the emergency repair of acute aortic rupture associated with congenital aortic Coarctation. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 170.	1.1	0
54	Artificial Intelligence Based Myocardial Ischemia Detection in Cardiac Radiology. , 2021, , .		0

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55	Surgical Repair of Two Kinds of Type A Aortic Dissection After Thoracic Endovascular Aortic Repair. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 849307.	2.4	0