## Shenghua Zhou

List of Publications by Year in descending order

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		279487	3	377514
123	1,698	23		34
papers	citations	h-index		g-index
129	129	129		3113
all docs	docs citations	times ranked		citing authors

#	Article	IF	CITATIONS
1	Modulation of CASC2/miR-21/PTEN pathway sensitizes cervical cancer to cisplatin. Archives of Biochemistry and Biophysics, 2017, 623-624, 20-30.	1.4	100
2	Management of heart failure patients with <scp>COVID</scp> â€19: a joint position paper of the Chinese Heart Failure Association & National Heart Failure Committee and the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2020, 22, 941-956.	2.9	95
3	Characteristic Electrocardiographic Manifestations in Patients With COVID-19. Canadian Journal of Cardiology, 2020, 36, 966.e1-966.e4.	0.8	89
4	Hypoxic Trophoblast HMGB1 Induces Endothelial Cell Hyperpermeability via the TRL-4/Caveolin-1 Pathway. Journal of Immunology, 2014, 193, 5000-5012.	0.4	80
5	Lowâ€Level Vagus Nerve Stimulation Attenuates Myocardial Ischemic Reperfusion Injury by Antioxidative Stress and Antiapoptosis Reactions in Canines. Journal of Cardiovascular Electrophysiology, 2016, 27, 224-231.	0.8	52
6	HMGB1 induces apoptosis and EMT in association with increased autophagy following H/R injury in cardiomyocytes. International Journal of Molecular Medicine, 2016, 37, 679-689.	1.8	49
7	Metformin regulates lipid metabolism in a canine model of atrial fibrillation through AMPK/PPAR-α/VLCAD pathway. Lipids in Health and Disease, 2019, 18, 109.	1.2	45
8	Safety and feasibility of transseptal puncture for atrial fibrillation ablation in patients with atrial septal defect closure devices. Heart Rhythm, 2014, 11, 330-335.	0.3	42
9	A Nano-In-Micro System for Enhanced Stem Cell Therapy of Ischemic Diseases. ACS Central Science, 2017, 3, 875-885.	5.3	41
10	Atherogenic index of plasma is associated with major adverse cardiovascular events in patients with type 2 diabetes mellitus. Cardiovascular Diabetology, 2021, 20, 201.	2.7	40
11	The right side or left side of noninvasive transcutaneous vagus nerve stimulation: Based on conventional wisdom or scientific evidence?. International Journal of Cardiology, 2015, 187, 44-45.	0.8	38
12	Apelin/APJ signaling promotes hypoxia-induced proliferation of endothelial progenitor cells via Phosphoinositide-3 kinase/Akt signaling. Molecular Medicine Reports, 2015, 12, 3829-3834.	1.1	36
13	A Randomized Trial Comparing the NeoVas Sirolimus-Eluting BioresorbableÂScaffold and MetallicÂEverolimus-Eluting Stents. JACC: Cardiovascular Interventions, 2018, 11, 260-272.	1.1	35
14	Metformin regulates adiponectin signalling in epicardial adipose tissue and reduces atrial fibrillation vulnerability. Journal of Cellular and Molecular Medicine, 2020, 24, 7751-7766.	1.6	34
15	Effect of three common IL-17 single nucleotide polymorphisms on the risk of developing gastric cancer. Oncology Letters, 2015, 9, 1398-1402.	0.8	30
16	Hypoxia induces the proliferation of endothelial progenitor cells via upregulation of Apelin/APLNR/MAPK signaling. Molecular Medicine Reports, 2016, 13, 1801-1806.	1.1	30
17	Association of predicted lean body mass and fat mass with cardiovascular events in patients with type 2 diabetes mellitus. Cmaj, 2019, 191, E1042-E1048.	0.9	29
18	PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9) Triggers Vascular Smooth Muscle Cell Senescence and Apoptosis: Implication of Its Direct Role in Degenerative Vascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 67-86.	1.1	28

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19	Potential biomarkers for early diagnosis of acute aortic dissection. Heart and Lung: Journal of Acute and Critical Care, 2015, 44, 205-208.	0.8	27
20	Low level tragus nerve stimulation is a non-invasive approach for anti-atrial fibrillation via preventing the loss of connexins. International Journal of Cardiology, 2015, 179, 144-145.	0.8	27
21	Nuclear factor-κB–dependent microRNA-130a upregulation promotes cervical cancer cell growth by targeting phosphatase and tensin homolog. Archives of Biochemistry and Biophysics, 2016, 598, 57-65.	1.4	27
22	Hype or hope: Vagus nerve stimulation against acute myocardial ischemia-reperfusion injury. Trends in Cardiovascular Medicine, 2020, 30, 481-488.	2.3	26
23	Stiff Left Atrial Syndrome: A Complication Undergoing Radiofrequency Catheter Ablation for Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2016, 27, 884-889.	0.8	24
24	Catheter ablation for treatment of patients with atrial fibrillation and heart failure: a meta-analysis of randomized controlled trials. BMC Cardiovascular Disorders, 2018, 18, 165.	0.7	24
25	Physiology and role of PCSK9 in vascular disease: Potential impact of localized PCSK9 in vascular wall. Journal of Cellular Physiology, 2021, 236, 2333-2351.	2.0	24
26	The Role of Cardiac Macrophage and Cytokines on Ventricular Arrhythmias. Frontiers in Physiology, 2020, 11, 1113.	1.3	23
27	Vaccine scandal and crisis in public confidence in China. Lancet, The, 2016, 387, 2382.	6.3	22
28	Beta-blockers for the primary prevention of anthracycline-induced cardiotoxicity: a meta-analysis of randomized controlled trials. BMC Pharmacology & Expression (2019, 20, 18).	1.0	22
29	Molecular targets of the Warburg effect and inflammatory cytokines in the pathogenesis of pulmonary artery hypertension. Clinica Chimica Acta, 2017, 466, 98-104.	0.5	20
30	PCSK9: Associated with cardiac diseases and their risk factors?. Archives of Biochemistry and Biophysics, 2021, 704, 108717.	1.4	20
31	Non-surgical repair of ventricular septal rupture after acute myocardial infarction. International Journal of Cardiology, 2015, 185, 328-332.	0.8	19
32	Novel role of PKR in palmitate-induced Sirt1 inactivation and endothelial cell senescence. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H571-H580.	1.5	19
33	HMGB1 impairs endotheliumâ€dependent relaxation in diabetes through TLR4/eNOS pathway. FASEB Journal, 2020, 34, 8641-8652.	0.2	18
34	Baicalein pretreatment confers cardioprotection against acute myocardial infarction by activating the endothelial nitric oxide synthase signaling pathway and inhibiting oxidative stress. Molecular Medicine Reports, 2014, 9, 2429-2434.	1.1	16
35	The association between oxidative stress, activator protein-1, inflammatory, total antioxidant status and artery stiffness and the efficacy of olmesartan in elderly patients with mild-to-moderate essential hypertension. Clinical and Experimental Hypertension, 2016, 38, 365-369.	0.5	16
36	Treatment of pulmonary sinus cuspâ€derived ventricular arrhythmia with reversed Uâ€curve catheter ablation. Journal of Cardiovascular Electrophysiology, 2017, 28, 768-775.	0.8	16

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37	Transforming growth factor (TGF)- $\hat{l}^21$ signal pathway: A promising therapeutic target for attenuating cardiac fibrosis. International Journal of Cardiology, 2017, 239, 9.	0.8	16
38	Low-level vagus nerve stimulation: An important therapeutic option for atrial fibrillation treatment via modulating cardiac autonomic tone. International Journal of Cardiology, 2015, 199, 437-438.	0.8	15
39	Percutaneous coronary intervention versus optimal medical therapy for patients with chronic total occlusion: a meta-analysis and systematic review. Journal of Thoracic Disease, 2018, 10, 2960-2967.	0.6	13
40	Combination of Antioxidant Enzyme Overexpression and Nâ€Acetylcysteine Treatment Enhances the Survival of Bone Marrow Mesenchymal Stromal Cells in Ischemic Limb in Mice With Type 2 Diabetes. Journal of the American Heart Association, 2021, 10, e023491.	1.6	13
41	Remnant Cholesterol and Its Visit-to-Visit Variability Predict Cardiovascular Outcomes in Patients With Type 2 Diabetes: Findings From the ACCORD Cohort. Diabetes Care, 2022, 45, 2136-2143.	4.3	13
42	Adropin as a novel energy factor likely has the ability to regulate blood pressure. Medical Hypotheses, 2015, 85, 234.	0.8	12
43	Stellate ganglion block and cardiac sympathetic denervation in patients with inappropriate sinus tachycardia. Journal of Cardiovascular Electrophysiology, 2019, 30, 2920-2928.	0.8	12
44	Association between Cardiovascular Burden and Requirement of Intensive Care among Patients with Mild COVID-19. Cardiovascular Therapeutics, 2020, 2020, 1-9.	1.1	12
45	Hyperuricemia is a Risk Factor for One-Year Overall Survival in Elderly Female Patients with Acute Coronary Syndrome. Cardiovascular Therapeutics, 2020, 2020, 1-10.	1.1	12
46	MicroRNAs and mesenchymal stem cells: hope for pulmonary hypertension. Brazilian Journal of Cardiovascular Surgery, 2015, 30, 380-5.	0.2	12
47	Non-invasive Autonomic Neuromodulation Is Opening New Landscapes for Cardiovascular Diseases. Frontiers in Physiology, 2020, 11, 550578.	1.3	12
48	Twelve-month outcomes of the TaurusOne valve for transcatheter aortic valve implantation in patients with severe aortic stenosis. EuroIntervention, 2022, 17, 1070-1076.	1.4	12
49	Energy metabolic alterations in the progression of atrial fibrillation: Potential role of AMP-activated protein kinase as a critical regulator. International Journal of Cardiology, 2016, 212, 14-15.	0.8	11
50	Quantitative proteomics of changes in succinylated proteins expression profiling in left appendages tissue from valvular heart disease patients with atrial fibrillation. Clinica Chimica Acta, 2019, 495, 345-354.	0.5	11
51	ALDH2 attenuates Dox-induced cardiotoxicity by inhibiting cardiac apoptosis and oxidative stress. International Journal of Clinical and Experimental Medicine, 2015, 8, 6794-803.	1.3	11
52	Inhibition of PKR impairs angiogenesis through a VEGF pathway. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E518-E524.	1.8	10
53	Osteoprotegerin promotes intimal hyperplasia and contributes to in-stent restenosis: Role of an $\hat{1}\pm\hat{1}$ V $\hat{1}^2$ 3/FAK dependent YAP pathway. Journal of Molecular and Cellular Cardiology, 2020, 139, 1-13.	0.9	10
54	Acetylation Modification During Autophagy and Vascular Aging. Frontiers in Physiology, 2021, 12, 598267.	1.3	10

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55	MicroRNA-29a inhibits mesenchymal stem cell viability and proliferation by targeting Roundabout 1. Molecular Medicine Reports, 2015, 12, 6178-6184.	1.1	9
56	Noninvasive vagus nerve stimulation: A novel promising modulator for cardiac autonomic nerve system dysfunction. International Journal of Cardiology, 2015, 187, 338-339.	0.8	9
57	Phosphorylated AMP-activated protein kinase slows down the atrial fibrillation progression by activating Connexin43. International Journal of Cardiology, 2016, 208, 56-57.	0.8	9
58	Legumain is a predictor of all-cause mortality and potential therapeutic target in acute myocardial infarction. Cell Death and Disease, 2020, 11, 1014.	2.7	9
59	Interleukin-17 inhibition: An important target for attenuating myocardial ischemia and reperfusion injury. International Journal of Cardiology, 2015, 198, 89-90.	0.8	8
60	Predictors and outcomes of cardiac resynchronization therapy extended to the second generator. Heart Rhythm, 2017, 14, 1793-1800.	0.3	8
61	Association Between Metabolic Syndrome and an Increased Risk of Hospitalization for Heart Failure in Population of HFpEF. Frontiers in Cardiovascular Medicine, 2021, 8, 698117.	1.1	7
62	Dietary ï‰-3 fatty acids reduced atrial fibrillation vulnerability via attenuating myocardial endoplasmic reticulum stress and inflammation in a canine model of atrial fibrillation. Journal of Cardiology, 2022, 79, 194-201.	0.8	7
63	Letter to the Editor Connexin and fibrosis related microRNAs in complex fractionated atrial electrograms. Archives of Medical Science, 2015, 3, 679-682.	0.4	6
64	Association between Radiation Exposure and Endothelium-Dependent Vasodilation: Results from Clinical and Experimental Studies. Journal of Vascular and Interventional Radiology, 2020, 31, 42-48.	0.2	6
65	Spontaneous Coronary Artery Dissection Accompanied with Antiphospholipid Syndrome and Leukemia. International Heart Journal, 2018, 59, 891-894.	0.5	6
66	Emerging Roles of Sodium Glucose Cotransporter 2 (SGLT-2) Inhibitors in Diabetic Cardiovascular Diseases: Focusing on Immunity, Inflammation and Metabolism. Frontiers in Pharmacology, 2022, 13, 836849.	1.6	6
67	Serum high-density lipoprotein correlates with serum apolipoprotein M and A5 in obstructive sleep apnea hypopnea syndrome. Sleep and Breathing, 2017, 21, 37-44.	0.9	5
68	Cardiac resynchronization therapy improves myocardial conduction a. PACE - Pacing and Clinical Electrophysiology, 2018, 42, 238-246.	0.5	5
69	Blood Collection Through Subclavian Vein Puncture in Mice. Journal of Visualized Experiments, 2019, ,	0.2	5
70	Left Distal Transradial Approach for Coronary Intervention: Insights from Early Clinical Experience and Future Directions. Cardiology Research and Practice, 2019, 2019, 1-7.	0.5	5
71	Sex Differences in the Outcomes of Elderly Patients with Acute Coronary Syndrome. Cardiology Research and Practice, 2020, 2020, 1-8.	0.5	5
72	Leukocyte count and the risk of adverse outcomes in patients with HFpEF. BMC Cardiovascular Disorders, 2021, 21, 333.	0.7	5

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73	Endothelial cell is critical in HMGB1 mediated cardiac impairment in ischemic heart disease. International Journal of Cardiology, 2015, 187, 39-40.	0.8	4
74	Alteration of myocardium glucose metabolism in atrial fibrillation: Cause or effect?. International Journal of Cardiology, 2016, 203, 722-723.	0.8	4
75	Acute Efficacy of a Traditional Chinese Medicine for Treatment of Frequent Premature Ventricular Contractions in Patients with Concomitant Sinus Bradycardia: Results from a Double-Blind, Placebo-Controlled, Multicentre, Randomized Clinical Trial. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-8.	0.5	4
76	Recurrent myocardial infarction due to coronary artery aneurysm in Behçet's syndrome: a case report. European Heart Journal - Case Reports, 2019, 3, 1-4.	0.3	4
77	Vagus nerve stimulation: A spear role or a shield role in atrial fibrillation?. International Journal of Cardiology, 2015, 198, 115-116.	0.8	3
78	Cardiac autonomic tone modulators: Promising feasible options for heart failure with hyper-sympathetic activity. International Journal of Cardiology, 2015, 198, 185-186.	0.8	3
79	Successful percutaneous coronary intervention for multivessel stenosis complicated by a huge coronary artery fistula with the combined physiology and intracoronary anatomy techniques. International Journal of Cardiology, 2015, 192, 70-71.	0.8	3
80	Vitamin D: A potential important therapeutic target for atrial fibrillation. International Journal of Cardiology, 2015, 198, 91-92.	0.8	3
81	Highâ€fat diet selectively decreases bone marrow lin <sup>â°'</sup> /CD117 <sup>+</sup> cell population in aging mice through increased ROS production. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 884-892.	1.3	3
82	Rationale and Design of the ADIDAS Study: Association Between Dapagliflozin-Induced Improvement and Anemia in Heart Failure Patients. Cardiovascular Drugs and Therapy, 2021, , 1.	1.3	3
83	Sex Differences in Characteristics and Outcomes in Elderly Heart Failure Patients With Preserved Ejection Fraction: A Post-hoc Analysis From TOPCAT. Frontiers in Cardiovascular Medicine, 2021, 8, 721850.	1.1	3
84	N-Acetylcysteine Enhances the Recovery of Ischemic Limb in Type-2 Diabetic Mice. Antioxidants, 2022, 11, 1097.	2.2	3
85	Rightâ€sided Mahaimâ€mediated tachycardia combined with atypical atrioventricular nodal reentrant tachycardia and left free wall accessory pathway: A case report. Annals of Noninvasive Electrocardiology, 0, , .	0.5	3
86	Acetylation: A potential "regulating valve―of cardiac energy metabolism during atrial fibrillation. International Journal of Cardiology, 2014, 177, 71-72.	0.8	2
87	Three-dimensional guided renal denervation: Carrying coals to Newcastle?. International Journal of Cardiology, 2015, 187, 545-546.	0.8	2
88	Being cast into the shade of $\hat{l}^2$ blockers for concomitant heart failure and atrial fibrillation?. International Journal of Cardiology, 2015, 188, 35.	0.8	2
89	Fractional flow reserve, an effective preoperative guideline to a patient with a huge coronary artery fistula and tandem stenosis. International Journal of Cardiology, 2015, 199, 333-334.	0.8	2
90	Is hyperuricemia a recognizable biomarker for low risk of stroke in patients with atrial fibrillation?. International Journal of Cardiology, 2016, 203, 624-625.	0.8	2

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91	Disordered myocardium energy metabolism in the progression of atrial fibrillation in highly trained endurance athletes. International Journal of Cardiology, 2017, 233, 95.	0.8	2
92	Liver kinase b1: A promising therapeutic approach for †Browning' the cardiac adipose tissues. International Journal of Cardiology, 2017, 239, 8.	0.8	2
93	In-Hospital Cardiac Arrest after Emotional Stress in a Patient Hospitalized with Gastrointestinal Symptoms and Chronic Anxiety Disorder. Cardiovascular Innovations and Applications, 2021, 6, .	0.1	2
94	Smoking and spontaneous coronary artery dissection: coincidence or not?. Chinese Medical Journal, 2014, 127, 2200.	0.9	2
95	Inadvertent malposition of a permanent ventricular lead into the middle cardiac vein was misdiagnosed as lead perforation. Annals of Noninvasive Electrocardiology, 2022, 27, e12949.	0.5	2
96	Subcutaneous implantable-defibrillator is better to be a "collaborator―rather than a "replacement― International Journal of Cardiology, 2014, 177, 51-52.	0.8	1
97	Stenting for atherosclerotic renal-artery stenosis: A blind alley?. International Journal of Cardiology, 2014, 174, 772-773.	0.8	1
98	Autophagy: A potential link between Acquired von Willebrand syndrome and congenital heart disease. International Journal of Cardiology, 2015, 186, 37-38.	0.8	1
99	High prevalence of arrhythmic and myocardial complications in patients with cardiac glycogenosis due to PRKAG2 mutations: comment. Europace, 2018, 20, 1389-1389.	0.7	1
100	Subclavian Vein Puncture As an Alternative Method of Blood Sample Collection in Rats. Journal of Visualized Experiments, $2018$ , , .	0.2	1
101	Percutaneous coronary intervention for stable angina in ORBITA. Lancet, The, 2018, 392, 25.	6.3	1
102	Coupling interval variability: A new diagnostic method for distinguishing left from right ventricular outflow tract origin in idiopathic outflow tract premature ventricular contractions patients with precordial R/S transition at lead V3. International Journal of Cardiology, 2018, 269, 126-132.	0.8	1
103	Insights on the pulmonary arteryâ€derived ventricular arrhythmia. Journal of Cardiovascular Electrophysiology, 2018, 29, 1330-1337.	0.8	1
104	Rationale and Design of the H-REPLACE Study: Safety and Efficacy of LMWH Versus Rivaroxaban in ChinEse Patients HospitaLized with Acute Coronary SyndromE. Cardiovascular Drugs and Therapy, 2020, , 1.	1.3	1
105	Risk Factors for Prognosis after the Maze IV Procedure in Patients with Atrial Fibrillation Undergoing Valve Surgery. Cardiovascular Innovations and Applications, 2022, 6, .	0.1	1
106	Neuregulin protects human umbilical vein endothelial cell via activating CD98hc through MAPK pathway. International Journal of Clinical and Experimental Medicine, 2015, 8, 6702-12.	1.3	1
107	GW24-e3107â€Clinical analysis of retrograde coronary venography and left ventricular lead implementation in cardiac resynchronisation therapy. Heart, 2013, 99, A190.4-A191.	1.2	0
108	Renal denervation: One potential therapeutic target for comorbid diabetes mellitus and worsening heart failure. International Journal of Cardiology, 2014, 177, 37-38.	0.8	0

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109	Renal denervation: Does prior renal stenting really matter?. International Journal of Cardiology, 2014, 176, 1278.	0.8	O
110	Renal denervation: The potential causes of non-response. International Journal of Cardiology, 2014, 172, e217.	0.8	0
111	Unilateral renal denervation: Is the â€~fragmentary' procedure â€~disabled'?. International Journal of Cardiology, 2014, 172, e258.	0.8	0
112	Insight of ventricular arrhythmias originating from the junction of the right ventricular outflow tract and tricuspid annulus. International Journal of Cardiology, 2017, 233, 103.	0.8	0
113	Is flat QRS complex in lead aVL the characteristic of ventricular arrhythmias originating from the junction of the right ventricular outflow tract and tricuspid annulus?. International Journal of Cardiology, 2017, 242, 47.	0.8	O
114	Insight of forced diuresis with matched controlled hydration strategy to prevent contrast-induced acute kidney injury in patients undergoing cardiovascular intervention. International Journal of Cardiology, 2017, 242, 18.	0.8	0
115	Letter by Huang et al Regarding Article, "Subcutaneous Injection of Nitroglycerin at the Radial Artery Puncture Site Reduces the Risk of Early Radial Artery Occlusion After Transradial Coronary Catheterization: A Randomized, Placebo-Controlled Clinical Trial― Circulation: Cardiovascular Interventions. 2018. 11. e007254.	1.4	O
116	Pericardial Sarcoma: "Invisible―on Radiology. Canadian Journal of Cardiology, 2020, 36, 589.e17-589.e20.	0.8	0
117	A Giant Right Atrial Myxoma with Blood Supply from the Left and Right Coronary Arteries: Once in a Blue Moon. Cardiovascular Innovations and Applications, 2020, 4, .	0.1	O
118	Clinical Significance of Angiographically Detectable Neovascularity in Patients with Cardiac Myxoma. Cardiovascular Innovations and Applications, 2021, 6, .	0.1	0
119	Closure of residual leakage post hybrid PDA closure strategy using the umbrella in umbrella technique:a case report. Anatolian Journal of Cardiology, 2019, 23, 183-186.	0.5	O
120	Risk factors for recurrence of paroxysmal atrial fibrillation after second-generation of cryoballoon ablation. Journal of Central South University (Medical Sciences), 2020, 45, 134-138.	0.1	0
121	Unroofed coronary sinus syndrome: A case report. Journal of Central South University (Medical) Tj ETQq1 1 0.784	B14 rgBT / O.1	Overlock 10
122	Phrenic nerve injury during right inferior pulmonary vein ablation with the second-generation cryoballoon: A report of 2 cases and literature review. Journal of Central South University (Medical) Tj ETQq0 0 0 rg	g <b>B</b> I1/Overl	ook 10 Tf 50
123	Clinical characteristics of severe aortic stenosis patients combined with diabetes mellitus after transcatheter aortic valve replacement and short-term outcome Journal of Central South University (Medical Sciences), 2022, 47, 309-318.	0.1	O