Dai-Min Zhang

List of Publications by Year
in descending order

41 papers	594 citations	759233 12 h-index	642732 23 g-index
42 all docs	42 docs citations	42 times ranked	791 citing authors

#	Article	IF	Citations
1	Targeting the KCa3.1 channel suppresses diabetes-associated atherosclerosis via the STAT3/CD36 axis. Diabetes Research and Clinical Practice, 2022, , 109776.	2.8	5
2	Identification of vital modules and genes associated with heart failure based on weighted gene coexpression network analysis. ESC Heart Failure, 2022, 9, 1370-1379.	3.1	7
3	Oxycodone protects cardiac microvascular endothelial cells against ischemia/reperfusion injury by binding to Sigma-1 Receptor. Bioengineered, 2022, 13, 9628-9644.	3.2	7
4	Puerarin alleviates coronary heart disease via suppressing inflammation in a rat model. Gene, 2021, 771, 145354.	2.2	14
5	HDAC1 and 2 regulate endothelial VCAM-1 expression and atherogenesis by suppressing methylation of the GATA6 promoter. Theranostics, 2021, 11, 5605-5619.	10.0	25
6	Adropin inhibits the phenotypic modulation and proliferation of vascular smooth muscle cells during neointimal hyperplasia by activating the AMPK/ACC signaling pathway. Experimental and Therapeutic Medicine, 2021, 21, 560.	1.8	3
7	mTOR Inhibition Promotes Pneumonitis through Inducing Endothelial Contraction and Hyperpermeability. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 646-657.	2.9	5
8	Potential Mechanisms of In-stent Neointimal Atherosclerotic Plaque Formation. Journal of Cardiovascular Pharmacology, 2021, 78, 388-393.	1.9	3
9	Gycyrrhizic acid alleviates atherosclerotic lesions in rats with diabetes mellitus. Molecular Medicine Reports, 2021, 24, .	2.4	3
10	APPL1 ameliorates myocardial ischemiaâ€reperfusion injury by regulating the AMPK signaling pathway. Experimental and Therapeutic Medicine, 2021, 23, 157.	1.8	3
11	Pathogenesis and Molecular Immune Mechanism of Calcified Aortic Valve Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 765419.	2.4	8
12	Comprehensive analysis of the ceRNA network in coronary artery disease. Scientific Reports, 2021, 11, 24279.	3.3	7
13	Melatonin Alleviates Age-Associated Endothelial Injury of Atherosclerosis via Regulating Telomere Function. Journal of Inflammation Research, 2021, Volume 14, 6799-6812.	3.5	23
14	Effect of BIN1 on cardiac dysfunction and malignant arrhythmias. Acta Physiologica, 2020, 228, e13429.	3.8	1
15	Potassium Channels in the Vascular Diseases. , 2020, , .		1
16	(-)-Epigallocatechin-3-Gallate Inhibits eNOS Uncoupling and Alleviates High Glucose-Induced Dysfunction and Apoptosis of Human Umbilical Vein Endothelial Cells by PI3K/AKT/eNOS Pathway . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 2495-2504.	2.4	14
17	In-Stent Restenosis and a Drug-Coated Balloon: Insights from a Clinical Therapeutic Strategy on Coronary Artery Diseases. Cardiology Research and Practice, 2020, 2020, 1-7.	1.1	10
18	Knockout of AKAP150 improves impaired BK channelâ€mediated vascular dysfunction through the Akt/GSK3Î² signalling pathway in diabetes mellitus. Journal of Cellular and Molecular Medicine, 2020, 24, 4716-4725.	3.6	4

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19	Functional modulation of sarcolemmal KATP channels by atrial natriuretic peptide-elicited intracellular signaling in adult rabbit ventricular cardiomyocytes. American Journal of Physiology - Cell Physiology, 2020, 319, C194-C207.	4.6	6
20	Evaluation on curative effects of ethylene diamine tetra-acetic acid chelation therapy in treating with atherosclerotic cardiovascular disease. Medicine (United States), 2020, 99, e23346.	1.0	3
21	Percutaneous Coronary Intervention Compared with Coronary Artery Bypass Graft Surgery for Patients With 3-vessel Disease: A Preferred Reporting Items for Systematic Reviews and Meta-Analyses-compliant Systematic Review and Meta-analysis. Journal of Cardiovascular Pharmacology, 2020, 76, 527-532.	1.9	1
22	Cytokine storms caused by novel coronavirus 2019 and treatment for cardiac injury. European Review for Medical and Pharmacological Sciences, 2020, 24, 12527-12535.	0.7	0
23	Critical regulation of atherosclerosis by the KCa3.1 channel and the retargeting of this therapeutic target in in-stent neoatherosclerosis. Journal of Molecular Medicine, 2019, 97, 1219-1229.	3.9	10
24	Cardiac function modulation depends on the Aâ€kinase anchoring protein complex. Journal of Cellular and Molecular Medicine, 2019, 23, 7170-7179.	3.6	12
25	Small-conductance Ca2+-activated K+ channels: insights into their roles in cardiovascular disease. Experimental and Molecular Medicine, 2018, 50, 1-7.	7.7	24
26	Functional regulation of large conductance Ca2+-activated K+ channels in vascular diseases. Metabolism: Clinical and Experimental, 2018, 83, 75-80.	3.4	22
27	Functional protection against cardiac diseases depends on <scp>ATP</scp>â€sensitive potassium channels. Journal of Cellular and Molecular Medicine, 2018, 22, 5801-5806.	3.6	9
28	Mechanisms of BK Channel Activation by Docosahexaenoic Acid in Rat Coronary Arterial Smooth Muscle Cells. Frontiers in Pharmacology, 2018, 9, 223.	3.5	6
29	Exogenous hydrogen sulfide attenuates the development of diabetic cardiomyopathy via the FoxO1 pathway. Journal of Cellular Physiology, 2018, 233, 9786-9798.	4.1	35
30	Functional Regulation of Small Conductance Calcium Activated Potassium Channel on Atrial Myocytes by Hydrogen Sulfide in Diabetes Mellitus. Biophysical Journal, 2017, 112, 426a.	0.5	0
31	Regulation of Coronary Arterial Large Conductance Ca²⁺-Activated K⁺ Channel Protein Expression and Function by n-3 Polyunsaturated Fatty Acids in Diabetic Rats. Journal of Vascular Research, 2017, 54, 329-343.	1.4	16
32	Abstract 376: Nedd4 Regulated Bk Channels in Diabetes Mellitus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, .	2.4	0
33	Downregulation of vascular endothelial growth factor receptor-2 under oxidative stress conditions is mediated by Î²-transduction repeat-containing protein via glycogen synthase kinase-3Î² signaling. International Journal of Molecular Medicine, 2016, 37, 911-920.	4.0	10
34	Critical roles of a small conductance Ca2+-activated K+ channel (SK3) in the repolarization process of atrial myocytes. Cardiovascular Research, 2014, 101, 317-325.	3.8	73
35	Intracellular signalling mechanism responsible for modulation of sarcolemmal ATPâ€sensitive potassium channels by nitric oxide in ventricular cardiomyocytes. Journal of Physiology, 2014, 592, 971-990.	2.9	48
36	Critical Roles of SK3 Calcium-Activated Potassium Channels in the Repolarization of Atrial Myocytes. Biophysical Journal, 2014, 106, 118a.	0.5	0

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37	Modulation of Sarcolemmal ATP-Sensitive Potassium Channels by Atrial Natriuretic Peptide in Ventricular Cardiomyocytes. Biophysical Journal, 2014, 106, 541a.	0.5	0
38	Functional Modulation of Cardiac ATP-Sensitive Potassium Channels by Nitric Oxide via Intracellular Signaling. Biophysical Journal, 2013, 104, 24a.	0.5	0
39	Activation of cGMP-Dependent Protein Kinase Stimulates Cardiac ATP-Sensitive Potassium Channels via a ROS/Calmodulin/CaMKII Signaling Cascade. PLoS ONE, 2011, 6, e18191.	2.5	57
40	Muscle-Specific F-Box Only Proteins Facilitate BK Channel Î² ₁ Subunit Downregulation in Vascular Smooth Muscle Cells of Diabetes Mellitus. Circulation Research, 2010, 107, 1454-1459.	4.5	49
41	Regulation of Coronary Arterial BK Channels by Caveolae-Mediated Angiotensin II Signaling in Diabetes Mellitus. Circulation Research, 2010, 106, 1164-1173.	4.5	67