

# Zhidan Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

335  
citations

933447

10  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Heart Rate and Anesthetic Timing on High-Resolution Echocardiographic Assessment Under Isoflurane Anesthesia in Mice. <i>Journal of Ultrasound in Medicine</i> , 2010, 29, 1771-1778.	1.7	81
2	Association of Stat3 with HSF1 plays a critical role in G-CSF-induced cardio-protection against ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 1282-1290.	1.9	49
3	Cardiomyocyte-Restricted Low Density Lipoprotein Receptor-Related Protein 6 (LRP6) Deletion Leads to Lethal Dilated Cardiomyopathy Partly Through Drp1 Signaling. <i>Theranostics</i> , 2018, 8, 627-643.	10.0	36
4	Identification of Amino Acid Residues in Angiotensin II Type 1 Receptor Sensing Mechanical Stretch and Function in Cardiomyocyte Hypertrophy. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 105-116.	1.6	19
5	Early Estimation of Left Ventricular Systolic Pressure and Prediction of Successful Aortic Constriction in a Mouse Model of Pressure Overload by Ultrasound Biomicroscopy. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1030-1039.	1.5	18
6	Urotensin II Protects Cardiomyocytes from Apoptosis Induced by Oxidative Stress through the CSE/H2S Pathway. <i>International Journal of Molecular Sciences</i> , 2015, 16, 12482-12498.	4.1	17
7	Nucleosome Assembly Protein 1-Like 1 (Nap11) Regulates the Proliferation of Murine Induced Pluripotent Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 340-350.	1.6	17
8	Ryanodine Receptor Type 2 Plays a Role in the Development of Cardiac Fibrosis under Mechanical Stretch Through TGF $\beta$ 2-1. <i>International Heart Journal</i> , 2017, 58, 957-961.	1.0	17
9	Urotensin II inhibited the proliferation of cardiac side population cells in mice during pressure overload by JNK $\leftrightarrow$ LRP 6 signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 852-862.	3.6	13
10	Knockdown of Nucleosome Assembly Protein 1-Like 1 Induces Mesoderm Formation and Cardiomyogenesis Via Notch Signaling in Murine-Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2014, 32, 1759-1773.	3.2	13
11	Mechanical stresses induce paracrine $\beta$ 2-microglobulin from cardiomyocytes to activate cardiac fibroblasts through epidermal growth factor receptor. <i>Clinical Science</i> , 2018, 132, 1855-1874.	4.3	11
12	Urotensin II inhibits the proliferation but not the differentiation of cardiac side population cells. <i>Peptides</i> , 2011, 32, 1035-1041.	2.4	9
13	Knockdown of LRP6 activates Drp1 to inhibit survival of cardiomyocytes during glucose deprivation. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1408-1414.	5.6	9
14	Low density lipoprotein receptor related protein 6 (LRP6) protects heart against oxidative stress by the crosstalk of HSF1 and GSK3 $\beta$ . <i>Redox Biology</i> , 2020, 37, 101699.	9.0	9
15	Cardiac-specific LRP6 knockout induces lipid accumulation through Drp1/CPT1b pathway in adult mice. <i>Cell and Tissue Research</i> , 2020, 380, 143-153.	2.9	8
16	Low-density lipoprotein receptor-related protein 6 regulates cardiomyocyte-derived paracrine signaling to ameliorate cardiac fibrosis. <i>Theranostics</i> , 2021, 11, 1249-1268.	10.0	6
17	Lipoprotein receptor-related protein 6 is required to maintain intercalated disk integrity. <i>Genes To Cells</i> , 2019, 24, 789-800.	1.2	3
18	GW24-e1861 $\leftrightarrow$ Urotensin II inhibited the proliferation of cardiac side population cells in mice during pressure overload by JNK-LRP6 signalling. <i>Heart</i> , 2013, 99, A72.3-A72.	2.9	0