Do Han Kim

List of Publications by Year
in descending order

34 papers	1,558 citations	361413 20 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	2751 citing authors

#	Article	IF	Citations
1	Biology of Endoplasmic Reticulum Stress in the Heart. Circulation Research, 2010, 107, 1185-1197.	4.5	266
2	Quantitative proteomic analyses reveal that GPX4 downregulation during myocardial infarction contributes to ferroptosis in cardiomyocytes. Cell Death and Disease, 2019, 10, 835.	6.3	203
3	Interplay Between the Oxidoreductase PDIA6 and microRNA-322 Controls the Response to Disrupted Endoplasmic Reticulum Calcium Homeostasis. Science Signaling, 2014, 7, ra54.	3.6	92
4	Deep RNA Sequencing Reveals Novel Cardiac Transcriptomic Signatures for Physiological and Pathological Hypertrophy. PLoS ONE, 2012, 7, e35552.	2.5	87
5	Role of SIRT1 in Modulating Acetylation of the Sarco-Endoplasmic Reticulum Ca ²⁺ -ATPase in Heart Failure. Circulation Research, 2019, 124, e63-e80.	4.5	84
6	PICOT Inhibits Cardiac Hypertrophy and Enhances Ventricular Function and Cardiomyocyte Contractility. Circulation Research, 2006, 99, 307-314.	4.5	83
7	The chemical chaperone 4-phenylbutyric acid attenuates pressure-overload cardiac hypertrophy by alleviating endoplasmic reticulum stress. Biochemical and Biophysical Research Communications, 2012, 421, 578-584.	2.1	81
8	Structure and function of the Nâ€terminal domain of the human mitochondrial calcium uniporter. EMBO Reports, 2015, 16, 1318-1333.	4.5	81
9	Cardiac remodeling and atrial fibrillation in transgenic miceoverexpressing junctin. FASEB Journal, 2002, 16, 1310-1312.	0.5	76
10	Tauroursodeoxycholic acid (TUDCA) attenuates pressure overload-induced cardiac remodeling by reducing endoplasmic reticulum stress. PLoS ONE, 2017, 12, e0176071.	2.5	66
11	miR-185 Plays an Anti-Hypertrophic Role in the Heart via Multiple Targets in the Calcium-Signaling Pathways. PLoS ONE, 2015, 10, e0122509.	2.5	54
12	Pik3ip1 Modulates Cardiac Hypertrophy by Inhibiting PI3K Pathway. PLoS ONE, 2015, 10, e0122251.	2.5	42
13	Graphene Films Show Stable Cell Attachment and Biocompatibility with Electrogenic Primary Cardiac Cells. Molecules and Cells, 2013, 36, 577-582.	2.6	36
14	Overexpression of junctate induces cardiac hypertrophy and arrhythmia via altered calcium handling. Journal of Molecular and Cellular Cardiology, 2008, 44, 672-682.	1.9	28
15	Targeted ablation of the histidine-rich Ca2+-binding protein (HRC) gene is associated with abnormal SR Ca2+-cycling and severe pathology under pressure-overload stress. Basic Research in Cardiology, 2013, 108, 344.	5.9	27
16	Exon 9 skipping of apoptotic caspase-2 pre-mRNA is promoted by SRSF3 through interaction with exon 8. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 25-32.	1.9	25
17	Sumoylation regulates ER stress response by modulating calreticulin gene expression in XBP-1-dependent mode in Caenorhabditis elegans. International Journal of Biochemistry and Cell Biology, 2014, 53, 399-408.	2.8	23
18	Molecular Cloning and Characterization of Mouse Cardiac Junctate Isoforms. Biochemical and Biophysical Research Communications, 2001, 289, 882-887.	2.1	22

#	Article	IF	Citations
19	Multiple functions of junctin and junctate, two distinct isoforms of aspartyl beta-hydroxylase. Biochemical and Biophysical Research Communications, 2007, 362, 1-4.	2.1	22
20	Salubrinal Alleviates Pressure Overload-Induced Cardiac Hypertrophy by Inhibiting Endoplasmic Reticulum Stress Pathway. Molecules and Cells, 2017, 40, 66-72.	2.6	21
21	IPAVS: Integrated Pathway Resources, Analysis and Visualization System. Nucleic Acids Research, 2012, 40, D803-D808.	14.5	20
22	A novel system-level approach using RNA-sequencing data identifies miR-30-5p and miR-142a-5p as key regulators of apoptosis in myocardial infarction. Scientific Reports, 2018, 8, 14638.	3.3	16
23	STIM2 regulates both intracellular Ca2+ distribution and Ca2+ movement in skeletal myotubes. Scientific Reports, 2017, 7, 17936.	3.3	15
24	AAV-Mediated Knock-Down of HRC Exacerbates Transverse Aorta Constriction-Induced Heart Failure. PLoS ONE, 2012, 7, e43282.	2.5	14
25	Identification of tissue-enriched novel transcripts and novel exons in mice. BMC Genomics, 2014, 15, 592.	2.8	13
26	Characterization of junctateâ€“SERCA2a interaction in murine cardiomyocyte. Biochemical and Biophysical Research Communications, 2009, 390, 1389-1394.	2.1	12
27	CCN5 knockout mice exhibit lipotoxic cardiomyopathy with mild obesity and diabetes. PLoS ONE, 2018, 13, e0207228.	2.5	12
28	S92 phosphorylation induces structural changes in the N-terminus domain of human mitochondrial calcium uniporter. Scientific Reports, 2020, 10, 9131.	3.3	10
29	Micro<scp>RNA</scp>â€101b attenuates cardiomyocyte hypertrophy by inhibiting protein kinase C epsilon signaling. FEBS Letters, 2017, 591, 16-27.	2.8	9
30	Identification of mouse heart transcriptomic network sensitive to various heart diseases. Biotechnology Journal, 2008, 3, 648-658.	3.5	6
31	The molecular interaction of heart LIM protein (HLP) with RyR2 and caveolin-3 is essential for Ca 2+ -induced Ca 2+ release in the heart. Biochemical and Biophysical Research Communications, 2015, 463, 975-981.	2.1	5
32	Integrated Quantitative Phosphoproteomics and Cell-Based Functional Screening Reveals Specific Pathological Cardiac Hypertrophy-Related Phosphorylation Sites. Molecules and Cells, 2021, 44, 500-516.	2.6	4
33	Current research trends in systems biology. Animal Cells and Systems, 2008, 12, 181-191.	2.2	2
34	Deep sequencing-generated modules demonstrate coherent expression patterns for various cardiac diseases. Gene, 2015, 574, 53-60.	2.2	1