Dongtak Jeong

List of Publications by Year in Descending Order

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44 papers	2,411 citations	25 h-index	49 g-index
68 ext. papers	2,781 ext. citations	10.7 avg, IF	4.31 L-index

#	Paper	IF	Citations
44	Matricellular Protein CCN5 Gene Transfer Ameliorates Cardiac and Skeletal Dysfunction in (□) Haploinsufficient Mice by Reducing Fibrosis and Upregulating Utrophin Expression.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 763544	5.4	0
43	The TSP-1 domain of the matricellular protein CCN5 is essential for its nuclear localization and anti-fibrotic function.. *PLoS ONE*, **2022**, 17, e0267629	3.7	0
42	Arrhythmia Mechanism and Dynamics in a Humanized Mouse Model of Inherited Cardiomyopathy Caused by Phospholamban R14del Mutation. *Circulation*, **2021**, 144, 441-454	16.7	2
41	Analysis of extracellular vesicle miRNA profiles in heart failure. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 7214-7227	5.6	7
40	The matricellular protein CCN5 prevents adverse atrial structural and electrical remodelling. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 11768-11778	5.6	2
39	MicroRNA-25 upregulation protects spinal cords, yet is bad for the heart: The dark side of noncoding RNAS. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 158, e87-e88	1.5	1
38	Role of the PRC2-Six1-miR-25 signaling axis in heart failure. *Journal of Molecular and Cellular Cardiology*, **2019**, 129, 58-68	5.8	5
37	Role of SIRT1 in Modulating Acetylation of the Sarco-Endoplasmic Reticulum Ca-ATPase in Heart Failure. *Circulation Research*, **2019**, 124, e63-e80	15.7	43
36	miR-25 Tough Decoy Enhances Cardiac Function in Heart Failure. *Molecular Therapy*, **2018**, 26, 718-729	11.7	26
35	Conventional Method of Transverse Aortic Constriction in Mice. *Methods in Molecular Biology*, **2018**, 1816, 183-193	1.4	8
34	miR-146a Suppresses SUMO1 Expression and Induces Cardiac Dysfunction in Maladaptive Hypertrophy. *Circulation Research*, **2018**, 123, 673-685	15.7	41
33	Abstract 104: AAV-Exosomes: A Novel Platform for Myocardial Gene Delivery for Cardioprotection. *Circulation Research*, **2018**, 123,	15.7	1
32	Enhancing atrial-specific gene expression using a calsequestrin cis-regulatory module 4 with a sarcolipin promoter. *Journal of Gene Medicine*, **2018**, 20, e3060	3.5	8
31	Generation of Efficient miRNA Inhibitors Using Tough Decoy Constructs. *Methods in Molecular Biology*, **2017**, 1521, 41-53	1.4	7
30	Empagliflozin Improves Left Ventricular Diastolic Dysfunction in a Genetic Model of Type 2 Diabetes. *Cardiovascular Drugs and Therapy*, **2017**, 31, 233-246	3.9	72
29	Matricellular Protein CCN5 Reverses Established Cardiac Fibrosis. *Journal of the American College of Cardiology*, **2016**, 67, 1556-1568	15.1	63
28	Cytokine-Like 1 Regulates Cardiac Fibrosis via Modulation of TGF-□Signaling. *PLoS ONE*, **2016**, 11, e0166480	3.7	13

27	Stem cell factor gene transfer improves cardiac function after myocardial infarction in swine. *Circulation: Heart Failure*, **2015**, 8, 167-74	7.6	27
26	Small-molecule activation of SERCA2a SUMOylation for the treatment of heart failure. *Nature Communications*, **2015**, 6, 7229	17.4	76
25	Resident c-kit(+) cells in the heart are not cardiac stem cells. *Nature Communications*, **2015**, 6, 8701	17.4	216
24	Alternatively spliced tissue factor promotes plaque angiogenesis through the activation of hypoxia-inducible factor-1 and vascular endothelial growth factor signaling. *Circulation*, **2014**, 130, 1274-86	16.7	36
23	The role of SUMO-1 in cardiac oxidative stress and hypertrophy. *Antioxidants and Redox Signaling*, **2014**, 21, 1986-2001	8.4	44
22	Inhibition of miR-25 improves cardiac contractility in the failing heart. *Nature*, **2014**, 508, 531-5	50.4	315
21	Therapeutic cardiac-targeted delivery of miR-1 reverses pressure overload-induced cardiac hypertrophy and attenuates pathological remodeling. *Journal of the American Heart Association*, **2013**, 2, e000078	6	190
20	Decoy peptides targeted to protein phosphatase 1 inhibit dephosphorylation of phospholamban in cardiomyocytes. *Journal of Molecular and Cellular Cardiology*, **2013**, 56, 63-71	5.8	15
19	AAV9.I-1c delivered via direct coronary infusion in a porcine model of heart failure improves contractility and mitigates adverse remodeling. *Circulation: Heart Failure*, **2013**, 6, 310-7	7.6	58
18	Potential role of BNIP3 in cardiac remodeling, myocardial stiffness, and endoplasmic reticulum: mitochondrial calcium homeostasis in diastolic and systolic heart failure. *Circulation: Heart Failure*, **2013**, 6, 572-83	7.6	65
17	Transcription coactivator Eya2 is a critical regulator of physiological hypertrophy. *Journal of Molecular and Cellular Cardiology*, **2012**, 52, 718-26	5.8	17
16	PICOT increases cardiac contractility by inhibiting PKC activity. *Journal of Molecular and Cellular Cardiology*, **2012**, 53, 53-63	5.8	25
15	CXCR4 gene transfer prevents pressure overload induced heart failure. *Journal of Molecular and Cellular Cardiology*, **2012**, 53, 223-32	5.8	24
14	JNK modulates FOXO3a for the expression of the mitochondrial death and mitophagy marker BNIP3 in pathological hypertrophy and in heart failure. *Cell Death and Disease*, **2012**, 3, 265	9.8	109
13	AAV-mediated knock-down of HRC exacerbates transverse aorta constriction-induced heart failure. *PLoS ONE*, **2012**, 7, e43282	3.7	12
12	STIM1 silencing prevents pressure-overload induced cardiac hypertrophy in mice. *FASEB Journal*, **2012**, 26, 137.7	0.9	
11	SUMO1-dependent modulation of SERCA2a in heart failure. *Nature*, **2011**, 477, 601-5	50.4	259
10	Critical role for stromal interaction molecule 1 in cardiac hypertrophy. *Circulation*, **2011**, 124, 796-805	16.7	124

9	Refilling Intracellular Calcium Stores. *Drug Discovery Today Disease Mechanisms*, **2010**, 7, e145-e150		3
8	The opposing effects of CCN2 and CCN5 on the development of cardiac hypertrophy and fibrosis. *Journal of Molecular and Cellular Cardiology*, **2010**, 49, 294-303	5.8	97
7	The transcription factor Eya2 prevents pressure overload-induced adverse cardiac remodeling. *Journal of Molecular and Cellular Cardiology*, **2009**, 46, 596-605	5.8	17
6	PICOT is a critical regulator of cardiac hypertrophy and cardiomyocyte contractility. *Journal of Molecular and Cellular Cardiology*, **2008**, 45, 796-803	5.8	58
5	PICOT attenuates cardiac hypertrophy by disrupting calcineurin-NFAT signaling. *Circulation Research*, **2008**, 102, 711-9	15.7	73
4	Targeted gene transfer increases contractility and decreases oxygen cost of contractility in normal rat hearts. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 292, H2356-63	5.2	32
3	Restoration of mechanical and energetic function in failing aortic-banded rat hearts by gene transfer of calcium cycling proteins. *Journal of Molecular and Cellular Cardiology*, **2007**, 42, 852-61	5.8	110
2	PICOT inhibits cardiac hypertrophy and enhances ventricular function and cardiomyocyte contractility. *Circulation Research*, **2006**, 99, 307-14	15.7	74
1	Increased Ca2+ storage capacity in the sarcoplasmic reticulum by overexpression of HRC (histidine-rich Ca2+ binding protein). *Biochemical and Biophysical Research Communications*, **2003**, 300, 192-6	3.4	28