

Yusu Gu

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,308
citations

279798

23
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

4190
citing authors

#	ARTICLE	IF	CITATIONS
1	Resident fibroblast lineages mediate pressure overload-induced cardiac fibrosis. <i>Journal of Clinical Investigation</i> , 2014, 124, 2921-2934.	8.2	497
2	Pericytes of Multiple Organs Do Not Behave as Mesenchymal Stem Cells In Vivo. <i>Cell Stem Cell</i> , 2017, 20, 345-359.e5.	11.1	393
3	Nesprin 1 is critical for nuclear positioning and anchorage. <i>Human Molecular Genetics</i> , 2010, 19, 329-341.	2.9	131
4	Mouse and computational models link Mlc2v dephosphorylation to altered myosin kinetics in early cardiac disease. <i>Journal of Clinical Investigation</i> , 2012, 122, 1209-1221.	8.2	131
5	Loss-of-function mutations in co-chaperone BAG3 destabilize small HSPs and cause cardiomyopathy. <i>Journal of Clinical Investigation</i> , 2017, 127, 3189-3200.	8.2	107
6	Progressive Cardiac Dysfunction and Fibrosis in the Cardiomyopathic Hamster and Effects of Growth Hormone and Angiotensin-Converting Enzyme Inhibition. <i>Circulation</i> , 1999, 100, 1734-1743.	1.6	94
7	Cardiac-specific ablation of Cypher leads to a severe form of dilated cardiomyopathy with premature death. <i>Human Molecular Genetics</i> , 2009, 18, 701-713.	2.9	88
8	Infarct Fibroblasts Do Not Derive From Bone Marrow Lineages. <i>Circulation Research</i> , 2018, 122, 583-590.	4.5	65
9	Adipocyte-specific loss of PPAR β attenuates cardiac hypertrophy. <i>JCI Insight</i> , 2016, 1, e89908.	5.0	65
10	Reduction of myocardial ischaemia-reperfusion injury by inactivating oxidized phospholipids. <i>Cardiovascular Research</i> , 2019, 115, 179-189.	3.8	61
11	Impaired mitophagy facilitates mitochondrial damage in Danon disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 108, 86-94.	1.9	57
12	β 1 Integrin Gene Excision in the Adult Murine Cardiac Myocyte Causes Defective Mechanical and Signaling Responses. <i>American Journal of Pathology</i> , 2012, 180, 952-962.	3.8	51
13	The Muscle Ankyrin Repeat Proteins CARP, Ankrd2, and DARP Are Not Essential for Normal Cardiac Development and Function at Basal Conditions and in Response to Pressure Overload. <i>PLoS ONE</i> , 2014, 9, e93638.	2.5	49
14	Systemic AAV9.LAMP2B injection reverses metabolic and physiologic multiorgan dysfunction in a murine model of Danon disease. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	49
15	Mitochondrial Reprogramming Induced by CaMKII β Mediates Hypertrophy Decompensation. <i>Circulation Research</i> , 2015, 116, e28-39.	4.5	47
16	Suppression of Endothelial AGO1 Promotes Adipose Tissue Browning and Improves Metabolic Dysfunction. <i>Circulation</i> , 2020, 142, 365-379.	1.6	44
17	PRDM16 Is a Compact Myocardium-Enriched Transcription Factor Required to Maintain Compact Myocardial Cardiomyocyte Identity in Left Ventricle. <i>Circulation</i> , 2022, 145, 586-602.	1.6	44
18	Normalization of Naxos plakoglobin levels restores cardiac function in mice. <i>Journal of Clinical Investigation</i> , 2015, 125, 1708-1712.	8.2	39

#	ARTICLE	IF	CITATIONS
19	Combinatorial interactions of genetic variants in human cardiomyopathy. <i>Nature Biomedical Engineering</i> , 2019, 3, 147-157.	22.5	37
20	Luma is not essential for murine cardiac development and function. <i>Cardiovascular Research</i> , 2018, 114, 378-388.	3.8	35
21	Discoidin domain receptor 2 germline gene deletion leads to altered heart structure and function in the mouse. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H773-H781.	3.2	33
22	Desmosomal junctions are necessary for adult sinus node function. <i>Cardiovascular Research</i> , 2016, 111, 274-286.	3.8	33
23	Aortic pathology from protein kinase G activation is prevented by an antioxidant vitamin B12 analog. <i>Nature Communications</i> , 2019, 10, 3533.	12.8	30
24	Nebulette knockout mice have normal cardiac function, but show Z-line widening and up-regulation of cardiac stress markers. <i>Cardiovascular Research</i> , 2015, 107, 216-225.	3.8	27
25	A secretory pathway kinase regulates sarcoplasmic reticulum Ca ²⁺ homeostasis and protects against heart failure. <i>ELife</i> , 2018, 7, .	6.0	22
26	Desmosomal COP9 regulates proteome degradation in arrhythmogenic right ventricular dysplasia/cardiomyopathy. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	18
27	Cardiolipin Remodeling Defects Impair Mitochondrial Architecture and Function in a Murine Model of Barth Syndrome Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2021, 14, e008289.	3.9	17
28	Urocortin 2 Lowers Blood Pressure and Reduces Plasma Catecholamine Levels in Mice with Hyperadrenergic Activity. <i>Endocrinology</i> , 2010, 151, 4820-4829.	2.8	10
29	Selective Life-Long Skeletal Myofiber-Targeted VEGF Gene Ablation Impairs Exercise Capacity in Adult Mice. <i>Journal of Cellular Physiology</i> , 2016, 231, 505-511.	4.1	8
30	Cardiomyocyte Expression of ZO-1 Is Essential for Normal Atrioventricular Conduction but Does Not Alter Ventricular Function. <i>Circulation Research</i> , 2020, 127, 284-297.	4.5	8
31	Constitutive protein kinase G activation exacerbates stress-induced cardiomyopathy. <i>British Journal of Pharmacology</i> , 2022, 179, 2413-2429.	5.4	7
32	Mediator complex proximal Tail subunit MED30 is critical for Mediator core stability and cardiomyocyte transcriptional network. <i>PLoS Genetics</i> , 2021, 17, e1009785.	3.5	4
33	Increased Echogenicity and Radiodense Foci on Echocardiogram and MicroCT in Murine Myocarditis. <i>PLoS ONE</i> , 2016, 11, e0159971.	2.5	4
34	Atypical ALPK2 kinase is not essential for cardiac development and function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1509-H1515.	3.2	3