Chi Keung Lam

List of Publications by Year
in descending order

34 papers	1,862 citations	361296 20 h-index	454834 30 g-index
35 all docs	35 docs citations	35 times ranked	2845 citing authors

#	Article	IF	Citations
1	Activation of PDGFRA signaling contributes to filamin Câ€“related arrhythmogenic cardiomyopathy. Science Advances, 2022, 8, eabk0052.	4.7	12
2	Clinical Trial in a Dish. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1019-1031.	1.1	21
3	The Potential of Hsp90 in Targeting Pathological Pathways in Cardiac Diseases. Journal of Personalized Medicine, 2021, 11, 1373.	1.1	10
4	The Potential of Gamma Secretase as a Therapeutic Target for Cardiac Diseases. Journal of Personalized Medicine, 2021, 11, 1294.	1.1	4
5	Modeling Secondary Iron Overload Cardiomyopathy with Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Cell Reports, 2020, 32, 107886.	2.9	27
6	Metabolic Maturation Media Improve Physiological Function of Human iPSC-Derived Cardiomyocytes. Cell Reports, 2020, 32, 107925.	2.9	198
7	Activation of PDGF pathway links LMNA mutation to dilated cardiomyopathy. Nature, 2019, 572, 335-340.	13.7	136
8	Modelling diastolic dysfunction in induced pluripotent stem cell-derived cardiomyocytes from hypertrophic cardiomyopathy patients. European Heart Journal, 2019, 40, 3685-3695.	1.0	100
9	Identifying the Transcriptome Signatures of Calcium Channel Blockers in Human Induced Pluripotent Stem Cellâ€“Derived Cardiomyocytes. Circulation Research, 2019, 125, 212-222.	2.0	27
10	A Human iPSC Double-Reporter System Enables Purification of Cardiac Lineage Subpopulations with Distinct Function and Drug Response Profiles. Cell Stem Cell, 2019, 24, 802-811.e5.	5.2	102
11	Human-Induced Pluripotent Stem Cell Model of Trastuzumab-Induced Cardiac Dysfunction in Patients With Breast Cancer. Circulation, 2019, 139, 2451-2465.	1.6	136
12	A Premature Termination Codon Mutation in MYBPC3 Causes Hypertrophic Cardiomyopathy via Chronic Activation of Nonsense-Mediated Decay. Circulation, 2019, 139, 799-811.	1.6	91
13	Abstract 237: Identifying the Transcriptome Signature of Calcium Channel Blocker in Human iPSC-Derived Cardiomyocytes. Circulation Research, 2019, 125, .	2.0	0
14	Regulation of BECN1-mediated autophagy by HSPB6: Insights from a human HSPB6^{S10F} mutant. Autophagy, 2018, 14, 80-97.	4.3	27
15	HAX-1 regulates SERCA2a oxidation and degradation. Journal of Molecular and Cellular Cardiology, 2018, 114, 220-233.	0.9	20
16	Identifying the Novel Role of a Presenilin-2 Mutation in Arrhythmogenicity using Patient Specific Induced Pluripotent Stem Cells Derived Cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2018, 124, 109.	0.9	0
17	A novel human S10Fâ€Hsp20 mutation induces lethal peripartum cardiomyopathy. Journal of Cellular and Molecular Medicine, 2018, 22, 3911-3919.	1.6	11
18	Genome Editing of Induced PluripotentÂStem Cells to Decipher CardiacÂChannelopathy Variant. Journal of the American College of Cardiology, 2018, 72, 62-75.	1.2	94

#	Article	IF	Citations
19	Disease modelling and drug discovery for hypertrophic cardiomyopathy using pluripotent stem cells: how far have we come?. European Heart Journal, 2018, 39, 3893-3895.	1.0	13
20	Determining the Pathogenicity of a Genomic Variant of Uncertain Significance Using CRISPR/Cas9 and Human-Induced Pluripotent Stem Cells. Circulation, 2018, 138, 2666-2681.	1.6	112
21	Abstract 243: Modeling of Diastolic Dysfunction in Induced Pluripotent Stem Cell-derived Cardiomyocytes From Hypertrophic Cardiomyopathy Patients. Circulation Research, 2018, 123, .	2.0	1
22	Abstract 6: Restoration of Impaired Diastolic Function in Hypertrophic Cardiomyopathy Induced Pluripotent Stem Cell-derived Cardiomyocytes by Re-balancing the Calcium Homeostasis. Circulation Research, 2017, 121, .	2.0	0
23	Patient-Specific and Genome-Edited Induced Pluripotent Stem Cellâ€"Derived Cardiomyocytes Elucidate Single-Cell Phenotype of Brugada Syndrome. Journal of the American College of Cardiology, 2016, 68, 2086-2096.	1.2	185
24	Upâ€regulation of microâ€<scp>RNA765</scp> in human failing hearts is associated with postâ€transcriptional regulation of protein phosphatase inhibitorâ€1 and depressed contractility. European Journal of Heart Failure, 2015, 17, 782-793.	2.9	22
25	A novel human R25C-phospholamban mutation is associated with super-inhibition of calcium cycling and ventricular arrhythmia. Cardiovascular Research, 2015, 107, 164-174.	1.8	72
26	Human G109E-inhibitor-1 impairs cardiac function and promotes arrhythmias. Journal of Molecular and Cellular Cardiology, 2015, 89, 349-359.	0.9	12
27	HAX-1 regulates cyclophilin-D levels and mitochondria permeability transition pore in the heart. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6466-75.	3.3	59
28	Abstract 12702: A Novel Human S10F-Hsp20 Mutation Induces Lethal Peripartum Cardiomyopathy (Best) Tj ETQq0 0 0 rgBT /Overlock 1	1.6	0
29	Novel Role of HAX-1 in Ischemic Injury Protection Involvement of Heat Shock Protein 90. Circulation Research, 2013, 112, 79-89.	2.0	68
30	Small Heat Shock Protein 20 Interacts With Protein Phosphatase-1 and Enhances Sarcoplasmic Reticulum Calcium Cycling. Circulation Research, 2011, 108, 1429-1438.	2.0	67
31	SERCA2a superinhibition by human phospholamban triggers electrical and structural remodeling in mouse hearts. Physiological Genomics, 2011, 43, 357-364.	1.0	11
32	Catecholaminergic-induced arrhythmias in failing cardiomyocytes associated with human HRC^{S96A} variant overexpression. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H1588-H1595.	1.5	17
33	Mitigation of muscular dystrophy in mice by SERCA overexpression in skeletal muscle. Journal of Clinical Investigation, 2011, 121, 1044-1052.	3.9	157
34	The anti-apoptotic protein HAX-1 is a regulator of cardiac function. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20776-20781.	3.3	50