

# Ping Liang

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,612  
citations

471061

17  
h-index

344852

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal Calcium Handling Properties Underlie Familial Hypertrophic Cardiomyopathy Pathology in Patient-Specific Induced Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2013, 12, 101-113.	5.2	584
2	Drug Screening Using a Library of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes Reveals Disease-Specific Patterns of Cardiotoxicity. <i>Circulation</i> , 2013, 127, 1677-1691.	1.6	472
3	Screening Drug-Induced Arrhythmia Using Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes and Low-Impedance Microelectrode Arrays. <i>Circulation</i> , 2013, 128, S3-13.	1.6	269
4	Induced Pluripotent Stem Cells as a Disease Modeling and Drug Screening Platform. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 60, 408-416.	0.8	190
5	Patient-Specific and Genome-Edited Induced Pluripotent Stem Cell-Derived Cardiomyocytes Elucidate Single-Cell Phenotype of Brugada Syndrome. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2086-2096.	1.2	185
6	Genome Editing of Isogenic Human Induced Pluripotent Stem Cells Recapitulates Long QT Phenotype for Drug Testing. <i>Journal of the American College of Cardiology</i> , 2014, 64, 451-459.	1.2	149
7	Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes as an In Vitro Model for Coxsackievirus B3-Induced Myocarditis and Antiviral Drug Screening Platform. <i>Circulation Research</i> , 2014, 115, 556-566.	2.0	134
8	Effect of Human Donor Cell Source on Differentiation and Function of Cardiac Induced Pluripotent Stem Cells. <i>Journal of the American College of Cardiology</i> , 2014, 64, 436-448.	1.2	119
9	Characterization of the molecular mechanisms underlying increased ischemic damage in the <i>aldehyde dehydrogenase 2</i> genetic polymorphism using a human induced pluripotent stem cell model system. <i>Science Translational Medicine</i> , 2014, 6, 255ra130.	5.8	84
10	Molecular mechanisms underlying menthol binding and activation of TRPM8 ion channel. <i>Nature Communications</i> , 2020, 11, 3790.	5.8	54
11	Centipedes subdue giant prey by blocking KCNQ channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1646-1651.	3.3	47
12	Patient-Specific and Gene-Corrected Induced Pluripotent Stem Cell-Derived Cardiomyocytes Elucidate Single-Cell Phenotype of Short QT Syndrome. <i>Circulation Research</i> , 2019, 124, 66-78.	2.0	42
13	Modelling cadmium-induced cardiotoxicity using human pluripotent stem cell-derived cardiomyocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4221-4235.	1.6	38
14	Engineering human ventricular heart muscles based on a highly efficient system for purification of human pluripotent stem cell-derived ventricular cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2017, 8, 202.	2.4	31
15	Inhibition of TRPC1 prevents cardiac hypertrophy via NF- $\kappa$ B signaling pathway in human pluripotent stem cell-derived cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 126, 143-154.	0.9	26
16	Modeling cadmium-induced endothelial toxicity using human pluripotent stem cell-derived endothelial cells. <i>Scientific Reports</i> , 2017, 7, 14811.	1.6	24
17	PGC-1 $\alpha$ activator ZLN005 promotes maturation of cardiomyocytes derived from human embryonic stem cells. <i>Aging</i> , 2020, 12, 7411-7430.	1.4	24
18	Human induced pluripotent stem cell for modeling cardiovascular diseases. <i>Regenerative Medicine Research</i> , 2014, 2, 4.	2.2	16

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19	Profiles of Immune Cell Infiltration in Carotid Artery Atherosclerosis Based on Gene Expression Data. <i>Frontiers in Immunology</i> , 2021, 12, 599512.	2.2	14
20	Human induced pluripotent stem cell-derived cardiomyocytes reveal abnormal TGF $\beta$ <sup>2</sup> signaling in type 2 diabetes mellitus. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 142, 53-64.	0.9	13
21	Human-induced pluripotent stem cells as models for rare cardiovascular diseases: from evidence-based medicine to precision medicine. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 1151-1165.	1.3	13
22	Cholecystectomy is associated with higher risk of recurrence after microwave ablation of hepatocellular carcinoma: a propensity score matching analysis. <i>Cancer Biology and Medicine</i> , 2020, 17, 478-491.	1.4	13
23	Exposure to perchlorate, nitrate and thiocyanate was associated with the prevalence of cardiovascular diseases. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113161.	2.9	11
24	Assessment of the Outcomes of Intrahepatic Cholangiocarcinoma After Ultrasound-Guided Percutaneous Microwave Ablation Based on Albumin $\alpha$ -Bilirubin Grade. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 261-270.	0.9	10
25	Structural basis for the gating modulation of Kv4.3 by auxiliary subunits. <i>Cell Research</i> , 2022, 32, 411-414.	5.7	9
26	Radiomics analysis of ultrasound to predict recurrence of hepatocellular carcinoma after microwave ablation. <i>International Journal of Hyperthermia</i> , 2022, 39, 595-604.	1.1	7
27	In Vivo Dynamic Metabolic Changes After Transplantation of Induced Pluripotent Stem Cells for Ischemic Injury. <i>Journal of Nuclear Medicine</i> , 2016, 57, 2012-2015.	2.8	6
28	Acute kidney injury after nephron sparing surgery and microwave ablation: focus on incidence, survival impact and prediction. <i>International Journal of Hyperthermia</i> , 2020, 37, 470-478.	1.1	4
29	E2A ablation enhances proportion of nodal-like cardiomyocytes in cardiac-specific differentiation of human embryonic stem cells. <i>EBioMedicine</i> , 2021, 71, 103575.	2.7	4
30	Characterization of the molecular mechanisms underlying azithromycin $\alpha$ -induced cardiotoxicity using human $\alpha$ -induced pluripotent stem cell $\alpha$ -derived cardiomyocytes. <i>Clinical and Translational Medicine</i> , 2021, 11, e549.	1.7	3
31	Patient-specific iPSC-derived endothelial cells reveal aberrant p38 MAPK signaling in atypical hemolytic uremic syndrome. <i>Stem Cell Reports</i> , 2021, 16, 2305-2319.	2.3	3
32	Requirements for human cardiomyocytes. <i>Cell Proliferation</i> , 2021, , e13150.	2.4	3
33	The association between environmental exposure to perchlorate, nitrate, and thiocyanate and all-cause and cause-specific mortality. <i>Environmental Science and Pollution Research</i> , 2022, 29, 21851-21859.	2.7	3
34	Generation of five induced pluripotent stem cell lines with DMD/c.497G $\alpha$ T mutation from renal epithelial cells of a Duchenne muscular dystrophy patient and a recessive carrier parent. <i>Stem Cell Research</i> , 2020, 49, 102021.	0.3	2
35	Generation of an induced pluripotent stem cell line from the dermal fibroblasts of a patient with arrhythmogenic right ventricular cardiomyopathy carrying a PKP2/c.2489A $\alpha$ G $\alpha$ T mutation. <i>Stem Cell Research</i> , 2020, 48, 101965.	0.3	2
36	Inhibition of HSC70 alleviates hypertrophic cardiomyopathy pathology in human induced pluripotent stem cell $\alpha$ -derived cardiomyocytes with a MYBPC3 mutation. <i>Clinical and Translational Medicine</i> , 2021, 11, e647.	1.7	2

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37	Generation of an induced pluripotent stem cell line from a patient carrying FBN1/c.6734 G&gt;A mutation. Stem Cell Research, 2021, 55, 102459.	0.3	1
38	Hyperactivation of platelet-derived growth factor signalling contributes to arrhythmogenesis in Brugada syndrome. Clinical and Translational Medicine, 2022, 12, e715.	1.7	1
39	Generation of ZJUi003-A, an induced pluripotent stem cell line from a Wilson's disease patient carrying a c.180_181del mutation in ATP7B gene. Stem Cell Research, 2020, 46, 101873.	0.3	0
40	Generation of an induced pluripotent stem cell line from a long QT syndrome patient carrying KCNH2/1956 G&gt;A mutation. Stem Cell Research, 2022, 62, 102813.	0.3	0