

# Haoyu Zeng

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

295  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Site Reliability of Human Induced Pluripotent stem cell-derived Cardiomyocyte Based Safety Assays Using Microelectrode Arrays: Results from a Blinded CiPA Pilot Study. <i>Toxicological Sciences</i> , 2018, 164, 550-562.	3.1	90
2	Multi-parametric assessment of cardiomyocyte excitation-contraction coupling using impedance and field potential recording: A tool for cardiac safety assessment. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016, 81, 201-216.	0.7	58
3	Use of FDSS/1/4Cell imaging platform for preclinical cardiac electrophysiology safety screening of compounds in human induced pluripotent stem cell-derived cardiomyocytes. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016, 81, 217-222.	0.7	32
4	Improved Throughput of PatchXpress hERG Assay Using Intracellular Potassium Fluoride. <i>Assay and Drug Development Technologies</i> , 2008, 6, 235-241.	1.2	28
5	Response of human induced pluripotent stem cell-derived cardiomyocytes to several pharmacological agents when intrinsic syncytial pacing is overcome by acute external stimulation. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 91, 18-26.	0.7	20
6	Interaction between amiodarone and hepatitis-C virus nucleotide inhibitors in human induced pluripotent stem cell-derived cardiomyocytes and HEK-293 Cav 1.2 over-expressing cells. <i>Toxicology and Applied Pharmacology</i> , 2016, 308, 66-76.	2.8	18
7	hiPSC-CMs from different sex and ethnic origin donors exhibit qualitatively different responses to several classes of pharmacological challenges. <i>Journal of Pharmacological and Toxicological Methods</i> , 2019, 99, 106598.	0.7	15
8	Resolving the Reversed Rate Effect of Calcium Channel Blockers on Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes and the Impact on In Vitro Cardiac Safety Evaluation. <i>Toxicological Sciences</i> , 2019, 167, 573-580.	3.1	14
9	Cardiac drug-drug interaction between HCV-NS5B pronucleotide inhibitors and amiodarone is determined by their specific diastereochemistry. <i>Scientific Reports</i> , 2017, 7, 44820.	3.3	13
10	Human-induced pluripotent stem cell-derived cardiomyocytes have limited I <sub>Ks</sub> for repolarization reserve as revealed by specific KCNQ1/KCNE1 blocker. <i>JRSM Cardiovascular Disease</i> , 2019, 8, 204800401985491.	0.7	6
11	Unveiling the Lack of Inotropic Response of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes to Isoproterenol by Chronic External Stimulation. <i>Applied in Vitro Toxicology</i> , 2020, 6, 65-71.	1.1	1
12	Defined Solution Corrects Phenotypic Response and Improves Detection Accuracy of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes to the 28 Comprehensive In Vitro Proarrhythmia Assay Standards. <i>Applied in Vitro Toxicology</i> , 2020, 6, 144-155.	1.1	0