

Maksymilian Prondzynski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5672444/publications.pdf>

Version: 2024-02-01

15
papers

1,055
citations

687220

13
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

1682
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiation of cardiomyocytes and generation of human engineered heart tissue. <i>Nature Protocols</i> , 2017, 12, 1177-1197.	5.5	197
2	CRISPR/Cas9 editing in human pluripotent stem cell-cardiomyocytes highlights arrhythmias, hypocontractility, and energy depletion as potential therapeutic targets for hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2018, 39, 3879-3892.	1.0	176
3	Human iPSC-derived cardiomyocytes cultured in 3D engineered heart tissue show physiological upstroke velocity and sodium current density. <i>Scientific Reports</i> , 2017, 7, 5464.	1.6	140
4	Disease modeling of a mutation in β -actinin 2 guides clinical therapy in hypertrophic cardiomyopathy. <i>EMBO Molecular Medicine</i> , 2019, 11, e11115.	3.3	88
5	Evaluation of MYBPC3 trans -Splicing and Gene Replacement as Therapeutic Options in Human iPSC-Derived Cardiomyocytes. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 7, 475-486.	2.3	74
6	Human Induced Pluripotent Stem Cell-Derived Engineered Heart Tissue as a Sensitive Test System for QT Prolongation and Arrhythmic Triggers. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006035.	2.1	70
7	Activation of Autophagy Ameliorates Cardiomyopathy in <i>Mybpc3</i> -Targeted Knockin Mice. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	53
8	Blinded Contractility Analysis in hiPSC-Cardiomyocytes in Engineered Heart Tissue Format: Comparison With Human Atrial Trabeculae. <i>Toxicological Sciences</i> , 2017, 158, 164-175.	1.4	52
9	Gene therapy strategies in the treatment of hypertrophic cardiomyopathy. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 807-815.	1.3	52
10	Increased Reactive Oxygen Species-Mediated Ca^{2+} /Calmodulin-Dependent Protein Kinase II Activation Contributes to Calcium Handling Abnormalities and Impaired Contraction in Barth Syndrome. <i>Circulation</i> , 2021, 143, 1894-1911.	1.6	42
11	Chronic intermittent tachypacing by an optogenetic approach induces arrhythmia vulnerability in human engineered heart tissue. <i>Cardiovascular Research</i> , 2020, 116, 1487-1499.	1.8	38
12	Functional Role of the Interaction between Polysialic Acid and Myristoylated Alanine-rich C Kinase Substrate at the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2013, 288, 6726-6742.	1.6	36
13	Gene therapy for inherited arrhythmias. <i>Cardiovascular Research</i> , 2020, 116, 1635-1650.	1.8	20
14	Case Report on: Very Early Afterdepolarizations in HiPSC-Cardiomyocytes—An Artifact by Big Conductance Calcium Activated Potassium Current (I _{bk,Ca}). <i>Cells</i> , 2020, 9, 253.	1.8	10
15	Mechanistic role of the CREB-regulated transcription coactivator 1 in cardiac hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 127, 31-43.	0.9	5