

Luca Sala

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4373073/publications.pdf>

Version: 2024-02-01

35
papers

1,610
citations

430874

18
h-index

526287

27
g-index

40
all docs

40
docs citations

40
times ranked

2381
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>MTMR4</i> SNVs modulate ion channel degradation and clinical severity in congenital long QT syndrome: insights in the mechanism of action of protective modifier genes. <i>Cardiovascular Research</i> , 2021, 117, 767-779.	3.8	34
2	Precision Medicine and cardiac channelopathies: when dreams meet reality. <i>European Heart Journal</i> , 2021, 42, 1661-1675.	2.2	34
3	Estimating the Posttest Probability of Long QT Syndrome Diagnosis for Rare <i>KCNH2</i> Variants. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003289.	3.6	10
4	Cardiac microtissues from human pluripotent stem cells recapitulate the phenotype of long-QT syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2021, 572, 118-124.	2.1	8
5	Use of hiPSC-Derived Cardiomyocytes to Rule Out Proarrhythmic Effects of Drugs: The Case of Hydroxychloroquine in COVID-19. <i>Frontiers in Physiology</i> , 2021, 12, 730127.	2.8	4
6	Isogenic Sets of hiPSC-CMs Harboring Distinct <i>KCNH2</i> Mutations Differ Functionally and in Susceptibility to Drug-Induced Arrhythmias. <i>Stem Cell Reports</i> , 2020, 15, 1127-1139.	4.8	23
7	Human-iPSC-Derived Cardiac Stromal Cells Enhance Maturation in 3D Cardiac Microtissues and Reveal Non-cardiomyocyte Contributions to Heart Disease. <i>Cell Stem Cell</i> , 2020, 26, 862-879.e11.	11.1	337
8	Cardiac Repolarization and Stem Cells: An Emerging Path Toward Precision Medicine. , 2020, , 87-107.		1
9	Simultaneous measurement of excitation-contraction coupling parameters identifies mechanisms underlying contractile responses of hiPSC-derived cardiomyocytes. <i>Nature Communications</i> , 2019, 10, 4325.	12.8	51
10	From patient-specific induced pluripotent stem cells to clinical translation in long QT syndrome Type 2. <i>European Heart Journal</i> , 2019, 40, 1832-1836.	2.2	69
11	Precision Versus Traditional Medicine—Clinical Questions Trigger Progress in Basic Science. <i>Circulation Research</i> , 2019, 124, 459-461.	4.5	5
12	Long QT Syndrome Modelling with Cardiomyocytes Derived from Human-induced Pluripotent Stem Cells. <i>Arrhythmia and Electrophysiology Review</i> , 2019, 8, 105-110.	2.4	36
13	MUSCLEMOTION. <i>Circulation Research</i> , 2018, 122, e5-e16.	4.5	235
14	Action potential contour contributes to species differences in repolarization response to β_2 -adrenergic stimulation. <i>Europace</i> , 2018, 20, 1543-1552.	1.7	22
15	Calmodulinopathy: A Novel, Life-Threatening Clinical Entity Affecting the Young. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 175.	2.4	25
16	Calmodulinopathy: Functional Effects of CALM Mutations and Their Relationship With Clinical Phenotypes. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 176.	2.4	19
17	Quantification of Muscle Contraction <i>In Vitro</i> and <i>In Vivo</i> Using MUSCLEMOTION Software: From Stem Cell-Derived Cardiomyocytes to Zebrafish and Human Hearts. <i>Current Protocols in Human Genetics</i> , 2018, 99, e67.	3.5	14
18	Three-dimensional cardiac microtissues composed of cardiomyocytes and endothelial cells co-differentiated from human pluripotent stem cells. <i>Development (Cambridge)</i> , 2017, 144, 1008-1017.	2.5	216

#	ARTICLE	IF	CITATIONS
19	Electrophysiological Analysis of human Pluripotent Stem Cell-derived Cardiomyocytes (hPSC-CMs) Using Multi-electrode Arrays (MEAs). <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	27
20	Integrating cardiomyocytes from human pluripotent stem cells in safety pharmacology: has the time come?. <i>British Journal of Pharmacology</i> , 2017, 174, 3749-3765.	5.4	104
21	Elucidating arrhythmogenic mechanisms of long-QT syndrome CALM1-F142L mutation in patient-specific induced pluripotent stem cell-derived cardiomyocytes. <i>Cardiovascular Research</i> , 2017, 113, 531-541.	3.8	110
22	Integrating cardiomyocytes from human pluripotent stem cells in safety pharmacology: has the time come?. , 2017, 174, 3749.		1
23	A new <i>hERG</i> allosteric modulator rescues genetic and drug-induced long-QT syndrome phenotypes in cardiomyocytes from isogenic pairs of patient induced pluripotent stem cells. <i>EMBO Molecular Medicine</i> , 2016, 8, 1065-1081.	6.9	77
24	Human Induced Pluripotent Stem Cells-Derived Cardiomyocytes Carrying CALM1-F142I Mutation Recapitulate LQTS Phenotype in Vitro. <i>Biophysical Journal</i> , 2016, 110, 263a.	0.5	0
25	Late sodium current (INaL) in pancreatic β^2 -cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 1757-1768.	2.8	12
26	<i>hERG</i> Impact on Repolarization and Its Variability Assessed by Dynamic Clamp. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1265-1275.	4.8	33
27	Ranolazine prevents INaL enhancement and blunts myocardial remodelling in a model of pulmonary hypertension. <i>Cardiovascular Research</i> , 2014, 104, 37-48.	3.8	42
28	INaL in the Pathophysiology of Insulin-Secretion: A Cardiac Paradigm in a New Cell Type. <i>Biophysical Journal</i> , 2014, 106, 327a.	0.5	0
29	<i>hERG</i> Impact on Repolarization and its Variability Assessed by Dynamic-Clamp. <i>Biophysical Journal</i> , 2014, 106, 121a.	0.5	0
30	Genotype-Phenotype Correlation in Induced Pluripotent Stem Cell (iPSC)Derived Cardiomyocytes Carrying Calmodulin Mutations. <i>Biophysical Journal</i> , 2014, 106, 333a.	0.5	1
31	Action Potential Shape Differences Set Species-Dependent β^2 -Adrenergic-Stimulation Response. <i>Biophysical Journal</i> , 2014, 106, 119a.	0.5	0
32	Altered functional differentiation of mesoangioblasts in a genetic myopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 419-428.	3.6	3
33	Post-natal cardiomyocytes can generate iPSC cells with an enhanced capacity toward cardiomyogenic re-differentiation. <i>Cell Death and Differentiation</i> , 2012, 19, 1162-1174.	11.2	55
34	Aberrant Functional Differentiation of Cardiac Precursors from a Dystrophic Mouse. <i>Biophysical Journal</i> , 2012, 102, 674a.	0.5	0
35	Prevention of Myocardial Remodeling by Chronic INaL Blockade in Pulmonary Hypertension. <i>Biophysical Journal</i> , 2012, 102, 340a.	0.5	0