

Christopher

List of Publications by Year in descending order

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9
papers

156
citations

1307594

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1474206

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9
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times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac ryanodine receptor N-terminal region biosensors identify novel inhibitors via FRET-based high-throughput screening. <i>Journal of Biological Chemistry</i> , 2022, 298, 101412.	3.4	2
2	Synergistic FRET assays for drug discovery targeting RyR2 channels. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 168, 13-23.	1.9	9
3	CaMKII Serine 280 O-GlcNAcylation Links Diabetic Hyperglycemia to Proarrhythmia. <i>Circulation Research</i> , 2021, 129, 98-113.	4.5	38
4	CaMKII β post-translational modifications increase affinity for calmodulin inside cardiac ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 161, 53-61.	1.9	4
5	Two-hit mechanism of cardiac arrhythmias in diabetic hyperglycaemia: reduced repolarization reserve, neurohormonal stimulation, and heart failure exacerbate susceptibility. <i>Cardiovascular Research</i> , 2021, 117, 2781-2793.	3.8	26
6	Cardiomyocyte Na ⁺ and Ca ²⁺ mishandling drives vicious cycle involving CaMKII, ROS, and ryanodine receptors. <i>Basic Research in Cardiology</i> , 2021, 116, 58.	5.9	33
7	Multiscale Determinants of Delayed Afterdepolarization Amplitude in Cardiac Tissue. <i>Biophysical Journal</i> , 2017, 112, 1949-1961.	0.5	12
8	A Dynamical Threshold for Cardiac Delayed Afterdepolarization-Mediated Triggered Activity. <i>Biophysical Journal</i> , 2016, 111, 2523-2533.	0.5	16
9	Acute reversal of phospholamban inhibition facilitates the rhythmic whole-cell propagating calcium waves in isolated ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 126-135.	1.9	16