

Leonid Tyan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

519
citations

687363

13
h-index

839539

18
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25
all docs

25
docs citations

25
times ranked

867
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic Inhibition Provided by Interneuron-Specific Cells Controls the Firing Rate and Timing of the Hippocampal Feedback Inhibitory Circuitry. <i>Journal of Neuroscience</i> , 2014, 34, 4534-4547.	3.6	114
2	Stimulation of Ca ²⁺ channel Orai1/STIM1 by serum- and glucocorticoid-inducible kinase 1 (SGK1). <i>FASEB Journal</i> , 2011, 25, 2012-2021.	0.5	82
3	SGK3 Regulates Ca ²⁺ Entry and Migration of Dendritic Cells. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 1423-1435.	1.6	60
4	Transcription-factor-dependent enhancer transcription defines a gene regulatory network for cardiac rhythm. <i>ELife</i> , 2017, 6, .	6.0	36
5	Caveolae-Mediated Activation of Mechanosensitive Chloride Channels in Pulmonary Veins Triggers Atrial Arrhythmogenesis. <i>Journal of the American Heart Association</i> , 2019, 8, e012748.	3.7	34
6	Decreased bone density and increased phosphaturia in gene-targeted mice lacking functional serum- and glucocorticoid-inducible kinase 3. <i>Kidney International</i> , 2011, 80, 61-67.	5.2	29
7	Atrial fibrillation risk loci interact to modulate Ca ²⁺ -dependent atrial rhythm homeostasis. <i>Journal of Clinical Investigation</i> , 2019, 129, 4937-4950.	8.2	28
8	A calcium transport mechanism for atrial fibrillation in Tbx5-mutant mice. <i>ELife</i> , 2019, 8, .	6.0	28
9	Coordination of dendritic inhibition through local disinhibitory circuits. <i>Frontiers in Synaptic Neuroscience</i> , 2015, 7, 5.	2.5	19
10	Long QT syndrome caveolin-3 mutations differentially modulate K _v 4 and Ca _v 1.2 channels to contribute to action potential prolongation. <i>Journal of Physiology</i> , 2019, 597, 1531-1551.	2.9	19
11	Inhibition of voltage-gated K ⁺ channels in dendritic cells by rapamycin. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C1379-C1385.	4.6	18
12	A compartmentalized mathematical model of mouse atrial myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H485-H507.	3.2	18
13	Electrophysiology and metabolism of caveolin-3-overexpressing mice. <i>Basic Research in Cardiology</i> , 2016, 111, 28.	5.9	15
14	Phosphoinositide-dependent Kinase PDK1 in the Regulation of Ca ²⁺ Entry into Mast Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 699-706.	1.6	11
15	Caveolin-3 is required for regulation of transient outward potassium current by angiotensin II in mouse atrial myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H787-H797.	3.2	4
16	Mechanisms of AP Prolongation and Triggered Activity in a TBX5 Model of Atrial Fibrillation. <i>Biophysical Journal</i> , 2018, 114, 149a.	0.5	1
17	Region-Specific Stretch-Induced Disruption of Caveolae Decreases Expression of Mechanosensitive Chloride Channels and Stimulates Fibrogenesis Promoting Arrhythmogenic Atrial Ectopy in Failing Mice. <i>Biophysical Journal</i> , 2019, 116, 375a.	0.5	1
18	Abstract 423: Caveolin-3 Enriches and Dynamically Interacts With Swell1. <i>Circulation Research</i> , 2020, 127, .	4.5	1

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19	Caveolin-3 Prevents Swelling-Induced Membrane Damage via Regulation of I _{Cl,swell} Activity. Biophysical Journal, 2022, , .	0.5	1
20	LONG QT SYNDROME-ASSOCIATED CAVEOLIN-3 MUTATION F97C IMPARTS A LOSS-OF-FUNCTION EFFECT ON CARDIAC TRANSIENT OUTWARD POTASSIUM CURRENT (ITO). Heart Rhythm, 2014, 11, 2132.	0.7	0
21	Disruption of Caveolar Microdomains Creates "Hot Spots" for Atrial Ectopy and Arrhythmogenesis in Heart Failure Mice. Biophysical Journal, 2019, 116, 232a.	0.5	0
22	Abstract 418: Caveolar Disruption of L-type Calcium Channel and Ryanodine Receptor Facilitates Atrial Ectopy and Arrhythmogenesis in Heart Failure Mice. Circulation Research, 2020, 127, .	4.5	0
23	Abstract P368: Caveolin-3 Prevents Swelling-induced Cell Lysis Via Regulation Of I _{Cl,swell} Expression And Activity. Circulation Research, 2021, 129, .	4.5	0