

Tatiana S Filatova

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

97
citations

1478505

6
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal acclimation and seasonal acclimatization: a comparative study of cardiac response to prolonged temperature change in shorthorn sculpin. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	16
2	Attenuation of inward rectifier potassium current contributes to the β_1 -adrenergic receptor-induced proarrhythmicity in the caval vein myocardium. <i>Acta Physiologica</i> , 2021, 231, e13597.	3.8	10
3	Negative inotropic effects of diadenosine tetraphosphate are mediated by protein kinase C and phosphodiesterases stimulation in the rat heart. <i>European Journal of Pharmacology</i> , 2018, 820, 97-105.	3.5	9
4	Repolarizing potassium currents in working myocardium of Japanese quail: a novel translational model for cardiac electrophysiology. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 255, 110919.	1.8	8
5	The role of activation of two different sGC binding sites by NO-dependent and NO-independent mechanisms in the regulation of <i>sGCs</i> in rat ventricular cardiomyocytes. <i>Physiological Reports</i> , 2022, 10, e15246.	1.7	8
6	Long-Term IL-2 Incubation-Induced L-type Calcium Channels Activation in Rat Ventricle Cardiomyocytes. <i>Cardiovascular Toxicology</i> , 2019, 19, 48-55.	2.7	6
7	L-type Ca^{2+} channels involvement in IFN- β -induced signaling in rat ventricular cardiomyocytes. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 109-115.	3.0	6
8	Diadenosine pentaphosphate affects electrical activity in guinea pig atrium via activation of potassium acetylcholine-dependent inward rectifier. <i>Journal of Physiological Sciences</i> , 2017, 67, 523-529.	2.1	5
9	M3 cholinergic receptors alter electrical activity of rat left atrium via suppression of L-type Ca^{2+} current without affecting K^+ conductance. <i>Journal of Physiology and Biochemistry</i> , 2017, 73, 167-174.	3.0	5
10	Small GTP-binding protein RhoA is a potential inhibitor of cardiac fast sodium current. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 13-23.	3.0	5
11	Micro-RNA 133a-3p induces repolarization abnormalities in atrial myocardium and modulates ventricular electrophysiology affecting $I_{Ca,L}$ and I_{to} currents. <i>European Journal of Pharmacology</i> , 2021, 908, 174369.	3.5	5
12	Ionic currents underlying different patterns of electrical activity in working cardiac myocytes of mammals and non-mammalian vertebrates. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 268, 111204.	1.8	5
13	Warmer, faster, stronger: Ca^{2+} cycling in avian myocardium. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	4
14	β_1 -adrenergic receptors accompanied by GATA4 expression are related to proarrhythmic conduction and automaticity in rat interatrial septum. <i>Journal of Physiology and Biochemistry</i> , 2022, 78, 793-805.	3.0	4
15	Inward Rectifier Currents I_{K1} and I_{KACh} in Working Myocardium of Japanese Quail (<i>Coturnix japonica</i>). <i>Moscow University Biological Sciences Bulletin</i> , 2021, 76, 65-70.	0.7	1
16	Purinergic Regulation of Transient Calcium-Dependent Chloride Current I_{to2} in Rat Ventricular Myocardium. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2019, 13, 147-154.	0.6	0
17	The role of M3 receptors in regulation of electrical activity deteriorates in the rat heart during ageing. <i>Current Research in Physiology</i> , 2022, 5, 1-7.	1.7	0