Tatiana S Filatova

List of Publications by Year
in descending order

17 papers	97 citations	1477746 6 h-index	1473754 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. Journal of Experimental Biology, 2019, 222, .	0.8	16
2	Attenuation of inward rectifier potassium current contributes to the Î±1â€adrenergic receptorâ€induced proarrhythmicity in the caval vein myocardium. Acta Physiologica, 2021, 231, e13597.	1.8	10
3	Negative inotropic effects of diadenosine tetraphosphate are mediated by protein kinase C and phosphodiesterases stimulation in the rat heart. European Journal of Pharmacology, 2018, 820, 97-105.	1.7	9
4	Repolarizing potassium currents in working myocardium of Japanese quail: a novel translational model for cardiac electrophysiology. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 255, 110919.	0.8	8
5	The role of activation of two different sGC binding sites by NOâ€dependent and NOâ€independent mechanisms in the regulation of SACs in rat ventricular cardiomyocytes. Physiological Reports, 2022, 10, e15246.	0.7	8
6	Long-Term IL-2 Incubation-Induced L-type Calcium Channels Activation in Rat Ventricle Cardiomyocytes. Cardiovascular Toxicology, 2019, 19, 48-55.	1.1	6
7	L-type Ca2+ channelsâ€™ involvement in IFN-Î³-induced signaling in rat ventricular cardiomyocytes. Journal of Physiology and Biochemistry, 2019, 75, 109-115.	1.3	6
8	Diadenosine pentaphosphate affects electrical activity in guinea pig atrium via activation of potassium acetylcholine-dependent inward rectifier. Journal of Physiological Sciences, 2017, 67, 523-529.	0.9	5
9	M3 cholinoreceptors alter electrical activity of rat left atrium via suppression of L-type Ca2+ current without affecting K+ conductance. Journal of Physiology and Biochemistry, 2017, 73, 167-174.	1.3	5
10	Small Gâ€”protein RhoA is a potential inhibitor of cardiac fast sodium current. Journal of Physiology and Biochemistry, 2021, 77, 13-23.	1.3	5
11	Micro-RNA 133a-3p induces repolarization abnormalities in atrial myocardium and modulates ventricular electrophysiology affecting ICa,L and Ito currents. European Journal of Pharmacology, 2021, 908, 174369.	1.7	5
12	Ionic currents underlying different patterns of electrical activity in working cardiac myocytes of mammals and non-mammalian vertebrates. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2022, 268, 111204.	0.8	5
13	Warmer, faster, stronger: Ca2+ cycling in avian myocardium. Journal of Experimental Biology, 2020, 223, .	0.8	4
14	Î±1-adrenergic receptors accompanied by GATA4 expression are related to proarrhythmic conduction and automaticity in rat interatrial septum. Journal of Physiology and Biochemistry, 2022, 78, 793-805.	1.3	4
15	Inward Rectifier Currents IK1 and IKACh in Working Myocardium of Japanese Quail (Coturnix japonica). Moscow University Biological Sciences Bulletin, 2021, 76, 65-70.	0.1	1
16	Purinergic Regulation of Transient Calcium-Dependent Chloride Current Ito2 in Rat Ventricular Myocardium. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2019, 13, 147-154.	0.3	0
17	The role of M3 receptors in regulation of electrical activity deteriorates in the rat heart during ageing. Current Research in Physiology, 2022, 5, 1-7.	0.8	0