

# Tatiana S Filatova

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

43  
citations

4  
h-index

5  
g-index

17  
ext. papers

76  
ext. citations

3.3  
avg, IF

2.34  
L-index

| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 16 | The role of M3 receptors in regulation of electrical activity deteriorates in the rat heart during ageing.. <i>Current Research in Physiology</i> , <b>2022</b> , 5, 1-7  | 1.8 |           |
| 15 | The role of activation of two different sGC binding sites by NO-dependent and NO-independent mechanisms in the regulation of SACs in rat ventricular cardiomyocytes.. <i>Physiological Reports</i> , <b>2022</b> , 10, e15246                                   | 2.6 | 0         |
| 14 | 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 &amp; Integrative Physiology</i> , <b>2022</b> , 111204 | 2.6 | 1         |
| 13 | Inward Rectifier Currents IK1 and IKACH in Working Myocardium of Japanese Quail (Coturnix japonica). <i>Moscow University Biological Sciences Bulletin</i> , <b>2021</b> , 76, 65-70  | 0.5 | 1         |
| 12 | Repolarizing potassium currents in working myocardium of Japanese quail: a novel translational model for cardiac electrophysiology. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2021</b> , 255, 110919   | 2.6 | 5         |
| 11 | Small G-protein RhoA is a potential inhibitor of cardiac fast sodium current. <i>Journal of Physiology and Biochemistry</i> , <b>2021</b> , 77, 13-23   | 5   | 1         |
| 10 | Attenuation of inward rectifier potassium current contributes to the $\beta$ -adrenergic receptor-induced proarrhythmicity in the caval vein myocardium. <i>Acta Physiologica</i> , <b>2021</b> , 231, e13597   | 5.6 | 2         |
| 9  | Micro-RNA 133a-3p induces repolarization abnormalities in atrial myocardium and modulates ventricular electrophysiology affecting I and Ito currents. <i>European Journal of Pharmacology</i> , <b>2021</b> , 908, 174369                                       | 5.3 | 2         |
| 8  | Warmer, faster, stronger: Ca cycling in avian myocardium. <i>Journal of Experimental Biology</i> , <b>2020</b> , 223,   | 3   | 3         |
| 7  | Purinergic Regulation of Transient Calcium-Dependent Chloride Current Ito2 in Rat Ventricular Myocardium. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , <b>2019</b> , 13, 147-154   | 0.7 |           |
| 6  | Thermal acclimation and seasonal acclimatization: a comparative study of cardiac response to prolonged temperature change in shorthorn sculpin. <i>Journal of Experimental Biology</i> , <b>2019</b> , 222,   | 3   | 7         |
| 5  | Long-Term IL-2 Incubation-Induced L-type Calcium Channels Activation in Rat Ventricle Cardiomyocytes. <i>Cardiovascular Toxicology</i> , <b>2019</b> , 19, 48-55  | 3.4 | 5         |
| 4  | L-type Ca channels involvement in IFN- $\beta$ -induced signaling in rat ventricular cardiomyocytes. <i>Journal of Physiology and Biochemistry</i> , <b>2019</b> , 75, 109-115  | 5   | 5         |
| 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> , <b>2018</b> , 820, 97-105  | 5.3 | 4         |
| 2  | Diadenosine pentaphosphate affects electrical activity in guinea pig atrium via activation of potassium acetylcholine-dependent inward rectifier. <i>Journal of Physiological Sciences</i> , <b>2017</b> , 67, 523-529  | 2.3 | 4         |
| 1  | M3 cholinoreceptors alter electrical activity of rat left atrium via suppression of L-type Ca current without affecting K conductance. <i>Journal of Physiology and Biochemistry</i> , <b>2017</b> , 73, 167-174  | 5   | 3         |