

# Nataliya V Bulgakova

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

254  
citations

1306789

7  
h-index

940134

16  
g-index

28  
all docs

28  
docs citations

28  
times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	C <sub>60</sub> Fullerene Prevents Restraint Stress-Induced Oxidative Disorders in Rat Tissues: Possible Involvement of the Nrf2/ARE-Antioxidant Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-17.	1.9	55
2	C60 Fullerenes Diminish Muscle Fatigue in Rats Comparable to N-acetylcysteine or $\beta$ -Alanine. <i>Frontiers in Physiology</i> , 2018, 9, 517.	1.3	51
3	C60 fullerene as promising therapeutic agent for correcting and preventing skeletal muscle fatigue. <i>Journal of Nanobiotechnology</i> , 2017, 15, 8.	4.2	45
4	Muscle agonist-antagonist interactions in an experimental joint model. <i>Experimental Brain Research</i> , 2012, 222, 399-414.	0.7	23
5	Movement-dependent positioning errors in human elbow joint movements. <i>Experimental Brain Research</i> , 2007, 176, 237-247.	0.7	13
6	Antidromic dorsal root impulses during naturally occurring locomotion in rats. <i>Neurophysiology</i> , 1988, 20, 417-422.	0.2	8
7	Modulation of the activity of midbrain central gray substance neurons by calcium channel agonists and antagonists in vitro. <i>Neuroscience</i> , 1996, 70, 159-167.	1.1	8
8	Phase-dependent changes in dorsal root potential during actual locomotion in rats. <i>Neurophysiology</i> , 1988, 20, 241-246.	0.2	7
9	Parameters of conduction via afferent nerve fibers in mice with streptozotocin-induced and genetically determined diabetes. <i>Neurophysiology</i> , 1996, 28, 135-139.	0.2	7
10	Study of different kinds of locomotor movements in rats. <i>Neurophysiology</i> , 1985, 17, 122-127.	0.2	5
11	Comparative analysis of the kinematics of hind limb movements in rats during different kinds of locomotion. <i>Neurophysiology</i> , 1985, 17, 127-134.	0.2	5
12	Subthreshold activation of spinal motoneurons in the stretch reflex: experimental data and modeling. <i>Biological Cybernetics</i> , 2009, 100, 307-318.	0.6	5
13	Effect of muscle fatigue on target positioning of the human forearm under conditions of restriction of visual control. <i>Neurophysiology</i> , 2006, 38, 365-371.	0.2	3
14	A diverse pattern of the spike threshold changes in feline gastrocnemius-soleus motoneurons during stretch reflex activation. <i>Experimental Brain Research</i> , 2010, 203, 711-722.	0.7	3
15	Fatigue-induced Fos immunoreactivity within the lumbar cord and amygdala decreases after $\text{C}_{60}$ fullerene pretreatment. <i>Scientific Reports</i> , 2020, 10, 9826.	1.6	3
16	C60 fullerenes increase the intensity of rotational movements in non-anesthetized hemiparkinsonic rats. <i>Acta Neurobiologiae Experimentalis</i> , 2020, 80, 32-37.	0.4	3
17	Changes in the background activity of neurons of the central gray substance when serotonin is applied to it or its synthesis is blocked. <i>Neurophysiology</i> , 1992, 24, 107-114.	0.2	2
18	Distribution and quantitative characterization of NADPH-diaphorase-reactive neurons in analgesic zones of the rat midbrain. <i>Neurophysiology</i> , 1996, 28, 27-35.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Neurophysiology, 2003, 35, 122-132.	0.2	2
20	Reproduction of tracking movements and target positioning of the forearm in humans in the absence of visual control. Neurophysiology, 2004, 36, 347-357.	0.2	2
21	Changes in the Threshold of Generation of Action Potentials by Spinal Motoneurons under Conditions of Their Natural Activation. Neurophysiology, 2011, 43, 182-191.	0.2	2
22	Changes in postsynaptic responses in spinal motoneurons during repetitive stimulation of the locus coeruleus. Neurophysiology, 1982, 14, 40-47.	0.2	0
23	Effects of repetitive stimulation of the locus coeruleus on spinal inhibitory responses to suprasegmental stimulation in cats. Neurophysiology, 1983, 15, 56-60.	0.2	0
24	Modulation of segmental reflex reactions during actual locomotion in rats. Neurophysiology, 1988, 20, 235-241.	0.2	0
25	Modulation of neuron activity of the midbrain periaqueductal gray matter influenced by monoaminergic brainstem structures. Neurophysiology, 1992, 24, 39-45.	0.2	0
26	Postsynaptic activity of spinal motoneurons of early postnatal rats in vitro: Effects of calcium channel blockers. Neurophysiology, 1998, 30, 362-367.	0.2	0
27	Effects of a delta opioid receptor agonist and inhibitors of enkephalin catabolism on periaqueductal gray neurons in the rat midbrain: An in vitro study. Neurophysiology, 1999, 31, 316-322.	0.2	0
28	Analysis of the processes of summation of postsynaptic potentials on the membrane of motoneurons upon realization of the stretch reflex. Neurophysiology, 2008, 40, 220-223.	0.2	0