

Andriy V Maznychenko

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	C ₆₀ 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 $\hat{1}^2$ -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	C60 Fullerene Reduces 3-Nitropropionic Acid-Induced Oxidative Stress Disorders and Mitochondrial Dysfunction in Rats by Modulation of p53, Bcl-2 and Nrf2 Targeted Proteins. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5444.	1.8	24
5	Capsaicin-induced effects on c-fos expression and NADPH-diaphorase activity in the feline spinal cord. <i>European Journal of Pharmacology</i> , 2005, 521, 70-78.	1.7	19
6	Acute muscle inflammation enhances the monosynaptic reflexes and c-fos expression in the feline spinal cord. <i>European Journal of Pain</i> , 2007, 11, 579-586.	1.4	15
7	Fos Immunoreactivity and NADPH-d Reactivity in the Brain Cortex of Rats Realizing Motivated Stereotyped Movements by the Forelimb. <i>Neurophysiology</i> , 2008, 40, 295-303.	0.2	8
8	Coupling of c-fos expression in the spinal cord and amygdala induced by dorsal neck muscles fatigue. <i>Histochemistry and Cell Biology</i> , 2007, 128, 85-90.	0.8	6
9	Topography of Fos-Immunoreactive and NADPH-d-Reactive Neurons in the Limbic Structures of the Basal Forebrain and in the Hypothalamus during Realization of Motivated Operant Movements in Rats. <i>Neurophysiology</i> , 2009, 41, 28-36.	0.2	5
10	Firing Patterns of Human Biceps Brachii Motor Units During Isotorque Ramp-and-Hold Movements in the Elbow Joint. <i>Neurophysiology</i> , 2014, 46, 212-220.	0.2	5
11	Activation of Neurons of the Medullary Centers of the Autonomic Nervous System Related to Motivated Operant Movements Realized by Rats. <i>Neurophysiology</i> , 2011, 42, 325-337.	0.2	4
12	Operant reflexes and expression of the c-fos gene in the amygdalar nuclei and insular cortex of rats. <i>Neurophysiology</i> , 2011, 43, 244-247.	0.2	4
13	7-Nitroindazole potentiates c-fos expression induced by muscle tendon vibration in the spinal cord. <i>Muscle and Nerve</i> , 2012, 45, 597-602.	1.0	4
14	Monosynaptic reflexes, c-fos expression, and NADPH-diaphorase activity in the cat spinal cord: Changes induced by chronic muscle inflammation. <i>Neurophysiology</i> , 2007, 39, 191-200.	0.2	3
15	NADPH-Diaphorase reactivity and neurovascular coupling in the basal forebrain and motor cortex. <i>Neurophysiology</i> , 2007, 39, 355-357.	0.2	3
16	Fos Immunoreactivity in the Motor Cortex of Rats Realizing Operant Movements: Changes after Systemic Introduction of a NOS Blocker. <i>Neurophysiology</i> , 2013, 45, 79-83.	0.2	3
17	Dynorphin B induces lateral asymmetric changes in feline spinal cord reflexes. <i>Frontiers in Neuroscience</i> , 2013, 7, 244.	1.4	3
18	7-Nitroindazole enhances c-Fos expression in spinal neurons in rats realizing operant movements. <i>Acta Histochemica</i> , 2014, 116, 1427-1433.	0.9	3

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19	Nerve Conduction and Neuromuscular Transmission in C57Bl/6 Mice with Genetically Determined Peripheral Neuropathy. <i>Neurophysiology</i> , 2019, 51, 248-252.	0.2	3
20	Fatigue-induced Fos immunoreactivity within the lumbar cord and amygdala decreases after C_{60} fullerene pretreatment. <i>Scientific Reports</i> , 2020, 10, 9826.	1.6	3
21	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
22	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
23	Fatigue of the dorsal neck muscles initiates c-fos expression in the rat spinal cord and hypothalamus. <i>Neurophysiology</i> , 2006, 38, 298-301.	0.2	2
24	Changes in the Expression of Fos and NADPH-Diaphorase Activity in Rat Hippocampal Structures Related to Food Deprivation and Realization of Operant Food-Procuring Movements. <i>Neurophysiology</i> , 2009, 41, 148-156.	0.2	2
25	Laminar Distribution of the Active Spinal Neurons during the Feeding-Related Stereotyped Movements in Rat. <i>International Journal of Physiology and Pathophysiology</i> , 2011, 2, 121-131.	0.1	2
26	Food-Procuring Stereotype Movements is Accompanied by Changes of c-fos Gene Expression in the Amygdala and Modulation of Heart Rate in Rats. <i>International Journal of Physiology and Pathophysiology</i> , 2013, 4, 157-170.	0.1	2
27	Changes in the Gene c-fos Expression in the Rat Spinal Cord after Suppression of Activity of the Cerebral Monoaminergic Systems. <i>Neurophysiology</i> , 2014, 46, 461-470.	0.2	1
28	Activity of Motor Units in Human Elbow Flexor and Extensor Muscles during Task-Dependent Unloading. <i>Neurophysiology</i> , 2019, 51, 209-222.	0.2	1
29	Coordination of Locomotor Activity in Transgenic C57Bl/6 Mice with Hereditary Neuropathy. <i>Neurophysiology</i> , 2019, 51, 353-357.	0.2	1
30	Stem Cell Therapy Enhances Motor Activity of Triceps Surae Muscle in Mice with Hereditary Peripheral Neuropathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12026.	1.8	1
31	Changes in the levels of activity of spinal neurons after long-lasting vibrational stimulation of the shin muscles in rats. <i>Neurophysiology</i> , 2011, 43, 240-243.	0.2	0
32	A Blocker of NO Synthase Intensifies c-fos Expression in Spinal Neurons of Rats Realizing Stereotypic Movements. <i>Neurophysiology</i> , 2014, 46, 405-410.	0.2	0
33	NADPH-diaphorase reactivity and Fos-immunoreactivity within the ventral horn of the lumbar spinal cord of cats submitted to acute muscle inflammation induced by injection of carrageenan. <i>Acta Histochemica</i> , 2016, 118, 659-664.	0.9	0
34	Cerebral Structures Responsible for the Formation of Autonomic Reflexes Related to Realization of Motivated Operant Movements by Rats. <i>Neurophysiology</i> , 2017, 49, 396-404.	0.2	0
35	RUNNING-INDUCED CHANGES IN H-REFLEX AMPLITUDES IN NON-TRAINED MEN. <i>Acta Kinesiologica</i> , 2021, , 19-22.	0.2	0
36	MODULATION OF THE MONOSYNAPTIC REFLEX POTENTIALS IN THE DECEREBRATED RATS UNDER THE INFLUENCE OF HYDROXYTRYPTOPHAN. <i>Fiziologicheskii Zhurnal</i> , 2016, 62, 41-46.	0.2	0

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37	Fos immunoreactivity in the intermediolateral nucleus induced by tendon vibration of the m. triceps surae in rats pretreated with a nitric oxide blocker or precursor. <i>Acta Neurobiologiae Experimentalis</i> , 2018, 78, 82-91.	0.4	0
38	Fos immunoreactivity in the intermediolateral nucleus induced by tendon vibration of the m. triceps surae in rats pretreated with a nitric oxide blocker or precursor. <i>Acta Neurobiologiae Experimentalis</i> , 2018, 78, 82-91.	0.4	0