Sergey Stepanov

List of Publications by Year
in descending order

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51 papers	141 citations	1478505 6 h-index	1281871 11 g-index
52 all docs	52 docs citations	52 times ranked	114 citing authors

#	Article	IF	Citations
1	Dendritic changes of the pyramidal neurons in layer V of sensory-motor cortex of the rat brain during the postresuscitation period. Resuscitation, 1997, 35, 157-164.	3.0	24
2	Synaptic plasticity of the neocortex of white rats with diffuse-focal brain injuries. Neuroscience and Behavioral Physiology, 2006, 36, 613-618.	0.4	17
3	Analysis of risk factors and predictors of pregnancy loss and strategies for the management of cervical insufficiency in pregnant women at a high risk of preterm birth. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 2071-2079.	1.5	16
4	Neuro-Glio-Vascular Complexes of the Brain After Acute Ischemia. Obshchaya Reanimatologiya, 2017, 13, 6-17.	1.0	14
5	An ultrastructural study into the effect of global transient cerebral ischaemia on the synaptic population of the cerebellar cortex in rats. Resuscitation, 1998, 39, 99-106.	3.0	9
6	Structural basis of information capacity changes of sensory-motor cerebral cortex of rat brain during post-resuscitation period. Resuscitation, 1996, 31, 151-158.	3.0	7
7	Neurons Communication in the Hippocampus of Field CA3 of the White Rat Brain after Acute ischemia. Obshchaya Reanimatologiya, 2018, 14, 38-49.	1.0	5
8	PLEIOTROPIC ENZYMES OF APOPTOSIS AND SYNAPTIC PLASTICITY IN ALBINO RAT HIPPOCAMPUS AFTER OCCLUSION OF COMMON CAROTID ARTERIES. Siberian Medical Journal, 2018, 33, 102-110.	0.3	5
9	Efficacy of distal haemostasis during caesarean delivery in women with placenta accreta spectrum disorders. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 8778-8785.	1.5	5
10	Structural Changes in the Dendritic Spines of Pyramidal Neurons in Layer III of the Sensorimotor Cortex of the Rat Cerebral Cortex in the Late Post-Ischemic Period. Neuroscience and Behavioral Physiology, 2004, 34, 221-227.	0.4	4
11	Comparative Characteristics of Structural and Functional Changes in the Hippocampal CA₃ Region in White Rats After Acute Ischemia and Brain Injury. Journal of Anatomy and Histopathology, 2021, 9, 19-30.	0.2	3
12	Structural-functional Reorganization of the Nucleolar Apparatus of Neurons of the Neocortex, Archicortex and Basal Ganglia of the Brain of White Rats After a 20-minute Occlusion of the Common Carotid Arteries. Journal of Anatomy and Histopathology, 2019, 7, 67-74.	0.2	3
13	The predictors of preterm labour in patients with multiple pregnancy. Meditsinskiy Sovet, 2020, , 144-150.	0.5	3
14	Synaptic architectonics of the molecular layer of the cerebral cortex of rats during audiogenic epileptiform attacks against the background of regulation of the level of cerebral convulsive readiness. Neuroscience and Behavioral Physiology, 1992, 22, 533-536.	0.4	2
15	Effect of transplantation of embryonic nervous tissue on reorganization of interneuronal relationships after mechanical damage to sensorimotor cortex. Bulletin of Experimental Biology and Medicine, 2001, 131, 219-222.	0.8	2
16	Dark Neurons of the Sensorimotor Cortex of White Rats after Acute Incomplete Ischemia in Terms of Artifacts Fixation and Neuroglial Relationships. Journal of Anatomy and Histopathology, 2021, 10, 9-22.	0.2	2
17	Glial Cell Architecture Dynamics in Dentate Gyrus and CA4 Area of Wistar Rat Hippocampus Following 20-minute Occlusion of Common Carotid Arteries. Obshchaya Reanimatologiya, 2019, 15, 26-37.	1.0	2
18	Morphological and morphometric description of neurons in the sensorimotor cortex of the rat brain after ligation of the common carotid arteries. Journal of Anatomy and Histopathology, 2022, 11, 49-58.	0.2	2

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19	Neuroglial relationships and structures of interneuronal communication of the white rat sensorimotor cortex layer v after the common carotid artery ligation. Journal of Anatomy and Histopathology, 2022, 11, 43-51.	0.2	2
20	Paramembranous neurofilamentous structures of cerebral cortical synapses during ischemia and the early postischemic period. Bulletin of Experimental Biology and Medicine, 1986, 102, 991-994.	0.8	1
21	Informativeness of cerebral cortical interneuronal synapses in rats after asphyxia. Bulletin of Experimental Biology and Medicine, 1988, 105, 866-868.	0.8	1
22	Structural aspects of cerebral cortical synaptic function in the early postresuscitation period. Bulletin of Experimental Biology and Medicine, 1989, 107, 171-173.	0.8	1
23	Ultrastructural signs of heart failure and its correction after asphyxia. Bulletin of Experimental Biology and Medicine, 1990, 109, 95-98.	0.8	1
24	Post-ischemic reorganization of the dendroarchitectonics of field CA3 of the hippocampus of white rats with high levels of convulsive readiness of the brain. Neuroscience and Behavioral Physiology, 2001, 31, 617-622.	0.4	1
25	Methodological Features of the Morphometric Characterization of the Synaptoarchitectonics of the Human Neocortex by Immunofluorescent Detection of Neuromodulin. Neuroscience and Behavioral Physiology, 2019, 49, 103-108.	0.4	1
26	Immunohistochemical Signs of Apoptosis and Neuroplasticity in the Cerebral Cortex of White Rats after Occlusion of the Common Carotid Arteries. Neuroscience and Behavioral Physiology, 2020, 50, 804-809.	0.4	1
27	Common Carotid Artery Occlusion and Double-Nucleated Cellular Structures In The Rat Sensorimotor Cerebral Cortex. Obshchaya Reanimatologiya, 2021, 17, 55-71.	1.0	1
28	Interdependence of predictors associated with death in patients with severe traumatic shock. Emergency Medical Care, 2021, 22, 44-49.	0.2	1
29	Morphofunctional Characteristics of the Hippocampus of White Rats in the Acute Period After Severe Traumatic Brain Injury During the Use of L-lysine Aescinat. Sklifosovsky Journal Emergency Medical Care, 2021, 9, 529-538.	0.6	1
30	Cytoarchitectonic features of the neocortex, archicortex and amygdala of white rats after a 20-minute occlusion of the common carotid arteries. Bulletin of Siberian Medicine, 2020, 18, 7-15.	0.3	1
31	Structural changes in neocortical synapses after resuscitation. Bulletin of Experimental Biology and Medicine, 1982, 93, 389-391.	0.8	0
32	Principles of reorganization of the neocortical synaptoarchitectonics after resuscitation. Bulletin of Experimental Biology and Medicine, 1982, 94, 1736-1737.	0.8	0
33	Electron-cytochemical and morphometric investigation of cerebral cortical synapses during postmortem autolysis. Bulletin of Experimental Biology and Medicine, 1986, 101, 542-544.	0.8	0
34	Paramembranous microfibrillar structures of rat cerebral cortical synapses during sensitization by brain antigens. Bulletin of Experimental Biology and Medicine, 1989, 108, 1656-1658.	0.8	0
35	Informational capacity of the rat sensorimotor cortex in the postresuscitation period (morphometric) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	0
36	Structural basis of changes in deformation of synaptic contacts of the sensorimotor and cerebellar cortex in health and acute ischemia. Bulletin of Experimental Biology and Medicine, 1995, 119, 429-431.	0.8	0

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37	Thalamocortical relationships in the brain of white rats in the postischemic period (a morphometric) Tj ETQq1 1 0.784314 rgBT /Overl 392-396.	0.4	0
38	Subsynaptic units as a universal system-forming and regulating factor of brain synapses. Bulletin of Experimental Biology and Medicine, 1997, 124, 625-632.	0.8	0
39	Structural basis of changes in the thermodynamic stability of synapses in the cerebral cortex of white rats in the post-asphyxia period. Neuroscience and Behavioral Physiology, 1999, 29, 233-236.	0.4	0
40	Edema-Swelling as a Standard Dose-Dependent Response of the Dentate Gyrus of the Hippocampal Formation to Acute Ischemia. Journal of Anatomy and Histopathology, 2021, 10, 15-26.	0.2	0
41	Significant features of association of hemostasis, electrolytic and acidic alkaline composition parameters using different variants of perioperative infusion therapy. Emergency Medical Care, 2021, 22, 53-60.	0.2	0
42	Relation between the Severity of the Sensorimotor Cortical Edema with Cell Swelling and the Duration of Common Carotid Artery Occlusion in Rats (Morphometric Study). Obshchaya Reanimatologiya, 2021, 17, 111-128.	1.0	0
43	PREDICTORS OF FATAL OUTCOME IN PATIENTS WITH HEMORRHAGIC SHOCK IN GASTROINTESTINAL BLEEDING. Vestnik Khirurgii Imeni I I Grekova, 2016, 175, 73-76.	0.2	0
44	FEATURES AND ORIENTATIONS OF TRANSPORT OF OXYGEN AT PATIENTS WITH HEMORRHAGIC SHOCK. Emergency Medical Care, 2018, 19, 33-39.	0.2	0
45	FEATURES AND ORIENTATIONS OF TRANSPORT OF OXYGEN AT PATIENTS WITH HEMORRHAGIC SHOCK. Emergency Medical Care, 2019, 20, 53-60.	0.2	0
46	FEATURES AND ORIENTATIONS OF TRANSPORT OF OXYGEN AT PATIENTS WITH HEMORRHAGIC SHOCK. Emergency Medical Care, 2019, 19, 59-66.	0.2	0
47	Reaction of Human Neocortex Astrocytes to Clinical Death and Reperfusion. Journal of Anatomy and Histopathology, 2019, 8, 9-17.	0.2	0
48	THE STATISTICAL IMPORTANCE OF INFLUENCE OF VARIOUS OPTIONS OF INFUSIONAL THERAPY ON PARAMETERS OF A HOMEOSTASIS OF PATIENTS WITH HEAVY TRAUMATIC SHOCK. Emergency Medical Care, 2019, 20, 51-57.	0.2	0
49	Morphofunctional Characteristic of Edema-Swelling of the Cerebral Cortex of White Rats After Severe Traumatic Brain Injury Without the Use of L-Lysine Escinate and Against the Background of Its Use. Sklifosovsky Journal Emergency Medical Care, 2020, 9, 251-258.	0.6	0
50	Morphological prerequisites for the formation of fascial duplication in the elimination of damage to the anterior rectal wall during prostatectomy. Innovative Medicine of Kuban, 2021, , 18-25.	0.2	0
51	FEATURES OF PROTEIN-ENERGY DEFICIENCY DEVELOPMENT IN PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME. ZabajkalÊ¹skij Medicinskij Vestnik, 2020, , 90-95.	0.2	0