

Elena S. Petrova

List of Publications by Year in descending order

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45
papers

134
citations

1478280

6
h-index

1588896

8
g-index

77
all docs

77
docs citations

77
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of neuron differentiation during embryogenesis in rats using immunocytochemical detection of doublecortin. <i>Neuroscience and Behavioral Physiology</i> , 2009, 39, 513-516.	0.2	9
2	Vascularization of the Damaged Nerve under the Effect of Experimental Cell Therapy. <i>Bulletin of Experimental Biology and Medicine</i> , 2018, 165, 161-165.	0.3	7
3	Injured Nerve Regeneration using Cell-Based Therapies: Current Challenges. <i>Acta Naturae</i> , 2015, 7, 38-47.	1.7	7
4	Serotonin is involved in the regulation of histogenetic processes in rat embryonic neocortex. <i>Bulletin of Experimental Biology and Medicine</i> , 2007, 143, 372-375.	0.3	6
5	Immunocytochemical detection of neuronal NO synthase in rat brain cells. <i>Neuroscience and Behavioral Physiology</i> , 2008, 38, 835-838.	0.2	6
6	Study of effect of embryonic anlage allografts of the rat spinal cord on growth of regenerating fibers of the recipient nerve. <i>Biology Bulletin</i> , 2014, 41, 479-485.	0.1	5
7	Advantages and Disadvantages of Zinc-Ethanol-Formaldehyde as a Fixative for Immunocytochemical Studies and Confocal Laser Microscopy. <i>Neuroscience and Behavioral Physiology</i> , 2014, 44, 542-545.	0.2	5
8	Immunohistochemical markers for neurobiology. <i>Meditinskii Akademicheskii Zhurnal</i> , 2019, 19, 7-24.	0.2	4
9	Study of mitotic activity and degeneration of cells in the dorsolateral wall of the anterior cerebral vesicle in rat embryos on the model of ectopic neurotransplantation. <i>Bulletin of Experimental Biology and Medicine</i> , 2006, 142, 270-273.	0.3	3
10	Studies of Histogenetic and Neurodegenerative Processes in the Nervous System Using Heterotopic Neurotransplantation. <i>Neuroscience and Behavioral Physiology</i> , 2010, 40, 823-832.	0.2	3
11	Differentiation Potential of Mesenchymal Stem Cells and Stimulation of Nerve Regeneration. <i>Russian Journal of Developmental Biology</i> , 2018, 49, 193-205.	0.1	3
12	Effect of Silver Ions on Copper Metabolism during Mammalian Ontogenesis. <i>Russian Journal of Developmental Biology</i> , 2018, 49, 166-178.	0.1	3
13	Changes in the Thickness of Rat Nerve Sheaths after Single Subperineural Administration of Rat Bone Marrow Mesenchymal Stem Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2021, 171, 547-552.	0.3	3
14	Structural and functional peculiarities of the endothelium of heart vessels of mature rats according to immunistochemical studies. <i>Regional Blood Circulation and Microcirculation</i> , 2019, 18, 70-77.	0.1	3
15	Current Views on Perineurial Cells: Unique Origin, Structure, Functions. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2022, 58, 1-23.	0.2	3
16	Morphological assessment of growth capacity of the central nervous system axons in a peripheral nerve. <i>Bulletin of Experimental Biology and Medicine</i> , 1998, 125, 205-208.	0.3	2
17	NADPH-Positive Neurons in Heterotopic Transplants of Embryonic CNS. <i>Bulletin of Experimental Biology and Medicine</i> , 2000, 130, 1202-1205.	0.3	2
18	Degenerative Changes and Cell Death in Long-Living Homo- and Heterotopic Transplants from Embryonic Germ Layers of Rat Neocortex. <i>Bulletin of Experimental Biology and Medicine</i> , 2003, 136, 302-306.	0.3	2

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19	Distribution and Structural Organization of the Autonomic Nervous Apparatus in the Rat Pancreas (an immunohistochemical study). <i>Neuroscience and Behavioral Physiology</i> , 2012, 42, 781-788.	0.2	2
20	Astroglioneogenesis in Heterotopic Allotransplants of Rat Embryonic Neocortex. <i>Bulletin of Experimental Biology and Medicine</i> , 2012, 152, 504-508.	0.3	2
21	Differentiation of Dissociated Rat Embryonic Brain after Allotransplantation into Damaged Nerve. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 156, 136-138.	0.3	2
22	Effect of Allotransplants Containing Dissociated Cells of Rat Embryonic Spinal Cord on Nerve Fiber Regeneration in a Recipient. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 158, 123-126.	0.3	2
23	Study of the Nerve Apparatus and Mast Cells in the Hearts of Old Rats. <i>Advances in Gerontology</i> , 2021, 11, 29-36.	0.1	2
24	Nerve Fiber Regeneration in the Rat Sciatic Nerve After Injury and Administration of Mesenchymal Stem Cells. <i>Neuroscience and Behavioral Physiology</i> , 2021, 51, 513-518.	0.2	2
25	The immunomorphological analysis of innervation of paraganglionic chromaffin cells of mammalian arteries and heart. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2011, 47, 381-388.	0.2	1
26	Glial Reaction of the Subventricular Zone of the Telencephalon of the Rat Brain on Modeling of Alzheimer's Disease. <i>Neuroscience and Behavioral Physiology</i> , 2012, 42, 67-71.	0.2	1
27	Differentiation of Cholinergic Neurons in Rat Spinal Cord Under Conditions of Allotransplantation into a Peripheral Nerve and In Situ Development. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 160, 141-147.	0.3	1
28	Neurons with different neurotransmitters in embryonic neocortical allografts in the rat sciatic nerve. <i>Biology Bulletin</i> , 2016, 43, 97-103.	0.1	1
29	Age-related changes in the sympathetic innervation of the pancreas. <i>Russian Journal of Developmental Biology</i> , 2017, 48, 278-286.	0.1	1
30	Current Views on Schwann Cells: Development, Plasticity, Functions. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2019, 55, 433-447.	0.2	1
31	Pathohistological study of the ganglion plexuses of the sigmoid colon in patients with chronic slow-transit constipation. <i>Vestnik of Russian Military Medical Academy</i> , 2021, 23, 117-124.	0.1	1
32	Implantation of embryonal brain tissue into regenerating peripheral nerve. <i>Neuroscience and Behavioral Physiology</i> , 1989, 19, 313-317.	0.2	0
33	Implantation of embryonic anlagen of the neocortex and spinal cord into an injured adult rat peripheral nerve. <i>Bulletin of Experimental Biology and Medicine</i> , 1990, 110, 1113-1116.	0.3	0
34	Comparative morphological study of homo- and heterotopic neural transplants. <i>Neuroscience and Behavioral Physiology</i> , 1997, 27, 178-182.	0.2	0
35	NADPH-positive neurons in heterotopic transplants of embryonic CNS. <i>Bulletin of Experimental Biology and Medicine</i> , 2000, 130, 1202-1205.	0.3	0
36	NADPH-Diaphorase-Positive Nerve Cells in Heterotopic Spinal Cord Transplants. <i>Russian Journal of Developmental Biology</i> , 2004, 35, 87-91.	0.1	0

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37	Study of serotonin effects on histogenesis of embryonic rat neocortex on a model of ectopic neurotransplantation. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2007, 43, 587-592.	0.2	0
38	Vimentin and Glial Fibrillary Acidic Protein in the Cells of Ectopic Neural Transplants of Rat Neocortex. <i>Neuroscience and Behavioral Physiology</i> , 2012, 42, 598-602.	0.2	0
39	Development of Rat Embryonic Spinal Ganglion Cells in Damaged Nerve. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 157, 637-640.	0.3	0
40	Development of Dissociated Cells from Different CNS Rudiments in Rats after Transplantation into Injured Nerve. <i>Neuroscience and Behavioral Physiology</i> , 2014, 44, 478-481.	0.2	0
41	Changes in the Number of Regenerating Myelin Fibers in Damaged Nerves in Rats after Allotransplantation of Dissociated Embryonic Central Nervous System Rudiments. <i>Neuroscience and Behavioral Physiology</i> , 2016, 46, 371-374.	0.2	0
42	Structural Organization and Interaction of Intrapancreatic Ganglia with the Myenteric Nerve Plexus of the Duodenum at the Early Stages of Postnatal Ontogeny in Rats. <i>Neuroscience and Behavioral Physiology</i> , 2017, 47, 857-862.	0.2	0
43	Changes in the Distribution of Cell Contacts and Mitotic Cycle Disturbances in Cells of the Allograft of Rat Embryonic Neocortex. <i>Bulletin of Experimental Biology and Medicine</i> , 2019, 167, 556-560.	0.3	0
44	Immunohistochemistry Data on the Structural and Functional Changes in the Vascular Endothelium of the Heart of Old Rats. <i>Advances in Gerontology</i> , 2020, 10, 266-271.	0.1	0
45	NADPH-positive neurons in heterotopic transplants of embryonic CNS. <i>Bulletin of Experimental Biology and Medicine</i> , 2000, 130, 1202-5.	0.3	0