

Alexander Nozdrachev

List of Publications by Citations

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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.

153
papers

581
citations

11
h-index

16
g-index

155
ext. papers

647
ext. citations

1.2
avg, IF

3.45
L-index

#	Paper	IF	Citations
153	Erectile dysfunction in a murine model of sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 644-50	10.2	56
152	Postnatal intermittent hypoxia and developmental programming of hypertension in spontaneously hypertensive rats: the role of reactive oxygen species and L-Ca ²⁺ channels. <i>Hypertension</i> , 2008 , 52, 156-62	8.5	29
151	Development of neuropeptide Y-containing neurons in sympathetic ganglia of rats. <i>Neuropeptides</i> , 2012 , 46, 345-52	3.3	18
150	Development of non-catecholaminergic sympathetic neurons in para- and prevertebral ganglia of cats. <i>International Journal of Developmental Neuroscience</i> , 2015 , 40, 76-84	2.7	14
149	Calbindin-D28k immunoreactivity in sympathetic ganglionic neurons during development. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012 , 167, 27-33	2.4	14
148	Studies of chemoreceptor perception in mollusks. <i>Neuroscience and Behavioral Physiology</i> , 2001 , 31, 227-35	3.9	14
147	Morphological features of neurons innervating different viscera in the cat stellate ganglion in postnatal ontogenesis. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2000 , 84, 169-75	2.4	14
146	Changes in afferent impulse activity of small intestine mesenteric nerves in response to antigen challenge. <i>Neuroscience</i> , 1999 , 94, 1339-42	3.9	14
145	Development of the NADPH-diaphorase-positive neurons in the sympathetic ganglia. <i>Annals of Anatomy</i> , 2008 , 190, 516-24	2.9	13
144	Gastric related neurons in the rat medial vestibular nucleus. <i>Neuroscience Letters</i> , 1998 , 250, 66-8	3.3	11
143	A novel mouse model for assessment of male sexual function. <i>Physiology and Behavior</i> , 2007 , 91, 535-43	3.5	11
142	Development of neuropeptide Y-mediated heart innervation in rats. <i>Neuropeptides</i> , 2016 , 55, 47-54	3.3	10
141	Age-related characteristics of the neurotransmitter composition of neurons in the stellate ganglion. <i>Neuroscience and Behavioral Physiology</i> , 2007 , 37, 349-53	0.3	10
140	The role of defensin NP-1 in restoring the functions of an injured nerve trunk. <i>Neuroscience and Behavioral Physiology</i> , 2006 , 36, 313-5	0.3	10
139	Age-dependent changes of electrophysiologic characteristics of the stellate ganglion conducting pathways in kittens. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2000 , 83, 12-8	2.4	10
138	Effects of stimulation of the frontoparietal cortex and parafascicular nucleus on locomotion in rats. <i>Physiology and Behavior</i> , 1994 , 55, 267-71	3.5	10
137	Metformin prevents hormonal and metabolic disturbances and 1,2-dimethylhydrazine-induced colon carcinogenesis in non-diabetic rats. <i>Cancer Biology and Medicine</i> , 2017 , 14, 100-107	5.2	9

136	Extracellular recording of neuronal activity of the cat heart ganglia. <i>Journal of the Autonomic Nervous System</i> , 1982 , 6, 73-81		9
135	Expression of toll-like receptors 4 in nerve plexuses of the rat duodenum, jejunum, and colon. <i>Doklady Biological Sciences</i> , 2012 , 445, 215-7	0.9	8
134	The possible involvement of calcium ions in the regulatory effect of oxidized glutathione on macrophages. <i>Doklady Biological Sciences</i> , 2007 , 412, 11-4	0.9	8
133	Development of Calbindin- and Calretinin-Immunopositive Neurons in the Enteric Ganglia of Rats. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 1257-1267	4.6	7
132	Antinociceptive effect of the agonist of 5-HT1A receptors buspirone in the model of abdominal pain in dogs. <i>Doklady Biological Sciences</i> , 2017 , 473, 46-49	0.9	7
131	Effects of 5-HT3 receptor blockade on visceral nociceptive neurons in the ventrolateral reticular field of the rat medulla oblongata. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2016 , 52, 313-325	0.5	7
130	Neuropeptide Y and autonomic nervous system. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2011 , 47, 121-130	0.5	7
129	Effect of disulfide-containing compounds on the Na ⁺ transport in the frog skin. <i>Doklady Biological Sciences</i> , 2008 , 421, 235-8	0.9	7
128	Possible involvement of phosphatidylinositol kinases in the effect of the oxidized glutathione and glutoxim on the intracellular Ca ²⁺ concentration in macrophages. <i>Doklady Biological Sciences</i> , 2008 , 422, 296-7	0.9	7
127	The role of tyrosine kinases and tyrosine phosphatases in the effect of glutoxim and oxidized glutathione on the intracellular Ca ²⁺ concentration in macrophages. <i>Doklady Biological Sciences</i> , 2007 , 417, 417-9	0.9	7
126	Histochemical features of neurons in the cat stellate ganglion during postnatal ontogenesis. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2003 , 106, 84-90	2.4	7
125	Mechanisms of hyperglycemic effect of calcitonin. <i>Bulletin of Experimental Biology and Medicine</i> , 2011 , 150, 320-3	0.8	6
124	The dynamics of stimulating and inhibiting influence on organoid cultures of nervous and lymphoid tissues. <i>Doklady Biological Sciences</i> , 2001 , 380, 424-6	0.9	6
123	Projections of stellate ganglion sympathetic neurons in cats. <i>Journal of the Autonomic Nervous System</i> , 1995 , 51, 129-34		6
122	Inhibitors of the cyclooxygenase oxidation pathway of arachidonic acid suppress the stimulating effect of glutoxim on Na(+) transport in frog skin. <i>Doklady Biological Sciences</i> , 2013 , 451, 193-5	0.9	5
121	Blockers of monoamine transporters influence high dopamine concentration uptake in rat brain slices. <i>Doklady Biological Sciences</i> , 2008 , 419, 80-2	0.9	5
120	The role of defensins in the excitability of the peripheral vestibular system in the frog: evidence for the presence of communication between the immune and nervous systems. <i>Hearing Research</i> , 2007 , 230, 1-8	3.9	5
119	Afferent innervation of the trachea during postnatal development. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005 , 120, 68-72	2.4	5

118	A possible molecular mechanism for the interaction of defensin with the sensory neuron membrane. <i>Neuroscience and Behavioral Physiology</i> , 2002 , 32, 409-15	0.3	5
117	Circuits and projections of cat stellate ganglion. <i>Archives of Medical Research</i> , 2003 , 34, 106-15	6.6	5
116	Expression of Menkes AtPase and Wilson ATPpase in different regions of the adult rat brain. <i>Doklady Biological Sciences</i> , 2005 , 401, 88-91	0.9	5
115	Neuronal electrical activity in the submucosal plexus of the cat small intestine. <i>Journal of the Autonomic Nervous System</i> , 1981 , 3, 45-53		5
114	Effects of methylene blue on transmission in autonomic ganglia. <i>Neuroscience Letters</i> , 1977 , 5, 205-8	3.3	5
113	Expression of Pattern Recognition Receptors by Nociceptive Metasympathetic Neurons. <i>Bulletin of Experimental Biology and Medicine</i> , 2015 , 159, 248-52	0.8	4
112	The 5HT4 receptor agonist prucalopride suppresses abdominal nociception. <i>Doklady Biological Sciences</i> , 2015 , 461, 76-9	0.9	4
111	An endogenous sensitizer of β -adrenergic receptors and its analogs in the experiments with rat myometrium reduce the β -adrenoblocking effect of obzidan. <i>Doklady Biological Sciences</i> , 2010 , 435, 375-80	0.9	4
110	Stimulation of cell proliferation and apoptosis in the presence of amino acids in organotypic culture of tissues of different degree of maturity. <i>Doklady Biological Sciences</i> , 2006 , 406, 7-10	0.9	4
109	The role of the actin cytoskeleton in the regulation of Na ⁺ transport by phosphatidylinositol kinases in the frog skin. <i>Doklady Biological Sciences</i> , 2006 , 410, 367-9	0.9	4
108	Effects of hypoxic factors on cardiac chronotropic reactions in the muskrat <i>Ondatra zibethicus</i> in free behavior. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2006 , 42, 461-468	0.5	4
107	The stimulatory effect of small doses of inhibitors in organotypic culture of nervous and lymphoid tissues. <i>Doklady Biological Sciences</i> , 2002 , 383, 96-8	0.9	4
106	A regulatory effect of amino acids in organotypic cultures of lymphoid tissues with various degrees of immunological maturity. <i>Doklady Biological Sciences</i> , 2003 , 389, 117-9	0.9	4
105	Role of the dopaminergic system of the brain in the effects of glucocorticoid hormones. <i>Neuroscience and Behavioral Physiology</i> , 2003 , 33, 231-6	0.3	4
104	Glycolysis and oxidation enzyme activity in rat brain during insulin-induced hypoglycemia against the background of alloxan-induced diabetes mellitus. <i>Bulletin of Experimental Biology and Medicine</i> , 2005 , 140, 695-7	0.8	4
103	Modulating and protective effects of thymic peptides in lymphoid tissue culture. <i>Doklady Biological Sciences</i> , 2001 , 379, 316-8	0.9	4
102	Activity of foot skin mechanoreceptors and afferent nerve fibres in the adult rat sciatic nerve are altered after central axotomy of sensory neurons. <i>Neuroscience</i> , 2000 , 96, 215-9	3.9	4
101	Features of parkinsonian and essential tremor of the human hand. <i>Human Physiology</i> , 2016 , 42, 271-278	0.3	4

100	Neuroendocrine hypothalamus as a homeostat of endogenous time. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2017 , 53, 1-16	0.5	3
99	Possible mechanism of bursting suppression in nociceptive neurons. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 473, 137-140	0.8	3
98	Low-molecular-weight components of the metabolome control the proliferative activity in cellular and bacterial cultures. <i>Doklady Biological Sciences</i> , 2017 , 472, 8-10	0.9	3
97	5-Lipoxygenase inhibitor zileuton inhibits Ca(2+)-responses induced by glutoxim and molixan in macrophages. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 469, 302-4	0.8	3
96	Age-related features in expression of calcium-binding proteins in autonomic ganglionic neurons. <i>Advances in Gerontology</i> , 2016 , 6, 298-303	0.4	3
95	Lipoxygenases modulate the effect of glutoxim on Na transport in the frog skin epithelium. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 474, 193-195	0.8	3
94	Application of bifurcation analysis for determining the mechanism of coding of nociceptive signals. <i>Technical Physics</i> , 2015 , 60, 1545-1548	0.5	3
93	Effect of calcium-regulating hormones and calcium channel modulators on glucose consumption by muscle and adipose tissues in vivo and in vitro. <i>Bulletin of Experimental Biology and Medicine</i> , 2009 , 148, 171-4	0.8	3
92	The role of visceral receptors in the mechanisms of neuroimmune interactions in mammalian small intestine. <i>Biology Bulletin</i> , 2007 , 34, 277-285	0.5	3
91	Extrahypothalamic corticoliberin receptors regulate the reinforcing effects of self-stimulation. <i>Doklady Biological Sciences</i> , 2006 , 406, 14-7	0.9	3
90	Effect of nitrite-induced methemoglobinemia on the kinetics of blood deoxygenation. <i>Biology Bulletin</i> , 2006 , 33, 167-171	0.5	3
89	Social isolation syndrome in rats. <i>Doklady Biological Sciences</i> , 2004 , 395, 99-102	0.9	3
88	The system of endogenous modulators involved in the control of functioning of peripheral autonomic nervous structures. <i>Doklady Biological Sciences</i> , 2002 , 383, 112-5	0.9	3
87	Involvement of small intestine interoceptors in the response to endotoxins. <i>Doklady Biological Sciences</i> , 2003 , 389, 105-8	0.9	3
86	The defensin receptor: a possible mechanism responsible for reduced excitability of the neuronal sensory membrane. <i>Doklady Biological Sciences</i> , 2000 , 375, 595-8	0.9	3
85	Central neurophysiologic mechanisms of the regulation of inhibition. <i>Neuroscience and Behavioral Physiology</i> , 1991 , 21, 263-8	0.3	3
84	The effect of chlorpromazine on intracellular Ca concentration in macrophages. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 474, 162-164	0.8	3
83	Molecular mechanism of modulation of nociceptive neuron membrane excitability by a tripeptide. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 466, 77-80	0.8	3

82	Metformin inhibits development of colon malignant tumors induced by 1,2-dimethylhydrazine in rats. <i>Doklady Biological Sciences</i> , 2016 , 468, 97-100	0.9	3
81	Methyl- β -cyclodextrin modulates thapsigargin-induced store-dependent Ca entry in macrophages. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 473, 88-90	0.8	2
80	An endogenous sensitizer of β -adrenergic receptors and its analogs attenuate the inhibition of β -adrenergic receptors by propranolol and atenolol in the rat myocardium. <i>Doklady Biological Sciences</i> , 2014 , 456, 169-72	0.9	2
79	Cyclooxygenase and lipoxygenase inhibitors modulate the Glutoxim and Molixan effects on the intracellular Ca^{2+} concentration in macrophages. <i>Doklady Biological Sciences</i> , 2013 , 452, 277-9	0.9	2
78	Sigma-1 receptor antagonist haloperidol attenuates Ca responses induced by glutoxim and molixan in macrophages. <i>Doklady Biochemistry and Biophysics</i> , 2017 , 472, 74-76	0.8	2
77	Calcium channel blockers inhibit the hyperglycemic effect of calcitonin. <i>Bulletin of Experimental Biology and Medicine</i> , 2012 , 152, 553-9	0.8	2
76	Involvement of actin filaments in the effect of the oxidized glutathione and drug glutoxim on the intracellular Ca^{2+} concentration in macrophages. <i>Doklady Biological Sciences</i> , 2011 , 436, 16-9	0.9	2
75	The effect of amino acid combinations on the development of tissues of different origins in an organotypic culture. <i>Doklady Biological Sciences</i> , 2011 , 440, 267-9	0.9	2
74	Mechanism of heat transfer in different regions of human body. <i>Biology Bulletin</i> , 2009 , 36, 53-57	0.5	2
73	Physiological characteristics of endogenous sensitizer of beta-adrenergic receptors (ESBAR) and its putative components. <i>Doklady Biological Sciences</i> , 2004 , 398, 363-6	0.9	2
72	Effects of pineal-gland peptides on the electric activity of pinealocytes in rats. <i>Doklady Biological Sciences</i> , 2002 , 385, 331-3	0.9	2
71	Critical periods of the dopaminergic system formation in rat brain. <i>Doklady Biological Sciences</i> , 2002 , 386, 421-5	0.9	2
70	Effect of physical training on blood level of endogenous modulators of beta-adreno- and m-cholinoreactivity in patients with a history of myocardial infarction. <i>Bulletin of Experimental Biology and Medicine</i> , 2003 , 136, 14-8	0.8	2
69	Neuronal activity of submucosal plexus of pyloric and ileocecal sphincteric regions of the cat gastrointestinal tract. <i>Journal of the Autonomic Nervous System</i> , 1981 , 4, 33-42		2
68	Adrenosensitive neurons of the myenteric (Auerbach's) plexus. <i>Bulletin of Experimental Biology and Medicine</i> , 1977 , 83, 287-289	0.8	2
67	ATP-Dependent and Calcium Mechanisms of the Effects of Salicylates on Electrical Potentials in Neurons in the Mollusk <i>Helix Albescens</i> . <i>Neuroscience and Behavioral Physiology</i> , 2016 , 46, 644-651	0.3	2
66	The effect of histidine on the contractility and adrenoactivity of the myocardium of nonpregnant and pregnant rats. <i>Doklady Biological Sciences</i> , 2015 , 460, 12-6	0.9	1
65	Electrical activity and circulatory effects of nitrite in the rat cerebrum. <i>Biology Bulletin</i> , 2015 , 42, 139-144.5		1

64	Metabotropic glutamate receptors as targets of neuromodulatory influence of nitric oxide. <i>Doklady Biological Sciences</i> , 2016 , 469, 149-51	0.9	1
63	Involvement of small G proteins and vesicle traffic in the glutoxim and molixan effects on the intracellular Ca(2+) concentration in macrophages. <i>Doklady Biological Sciences</i> , 2014 , 457, 252-4	0.9	1
62	Sodium nitrite influences metabolic conversions of nitric oxide in tissues of the right and left ventricles of the rat heart. <i>Doklady Biological Sciences</i> , 2013 , 450, 120-2	0.9	1
61	Location of pattern-recognizing and vanilloid receptors in the nerve plexuses of the rat intestine. <i>Doklady Biological Sciences</i> , 2013 , 452, 269-72	0.9	1
60	Phospholipase A2 inhibitors modulate the effects of glutoxim and molixan on the intracellular Ca(2+) level in macrophages. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 465, 374-6	0.8	1
59	The role of nitric oxide in regulation of leukocyte migration into the heart tissue in vitro. <i>Doklady Biological Sciences</i> , 2015 , 465, 296-8	0.9	1
58	Comenic acid decreases the impulse frequency of the nociceptive neuron membrane. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 462, 155-7	0.8	1
57	Involvement of microtubules in the glutoxim regulation of Na(+) transport in the frog skin. <i>Doklady Biological Sciences</i> , 2012 , 445, 227-9	0.9	1
56	The influence of sodium nitrite on the locomotor functions of white blood cells. <i>Doklady Biological Sciences</i> , 2009 , 427, 311-2	0.9	1
55	Neonatal intermittent hypoxia and hypertension. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2009 , 45, 252-258	0.5	1
54	Analysis of differences between physiological and pathological tremor of human fingers. <i>Bulletin of Experimental Biology and Medicine</i> , 2010 , 149, 383-6	0.8	1
53	Effect of human blood serum on M-cholinoreactivity of rat stomach smooth muscles. <i>Doklady Biological Sciences</i> , 2007 , 414, 190-3	0.9	1
52	Effect of arginine and its metabolites on the rat myocardium in an organotypic tissue culture. <i>Doklady Biological Sciences</i> , 2007 , 415, 257-60	0.9	1
51	Rhythmic electrical activity in branches of the stellate ganglion in the cat during postnatal ontogenesis. <i>Neuroscience and Behavioral Physiology</i> , 2007 , 37, 505-8	0.3	1
50	Method for detecting quantitative differences in the parameters of involuntary effort fluctuations in healthy volunteers and patients with Parkinson's syndrome. <i>Bulletin of Experimental Biology and Medicine</i> , 2008 , 146, 495-8	0.8	1
49	Oxygen regime in rat brain tissues under conditions of acute nitrite methemoglobinemia. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2006 , 42, 77-83	0.5	1
48	Changes in energy metabolism and lesion of nerve cells in rats after repeated administrations of high doses of insulin. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2006 , 42, 155-160	0.5	1
47	Effects of endogenous modulators of beta-adrenergic and cholinergic receptors on heart rate variability. <i>Doklady Biological Sciences</i> , 2004 , 394, 16-9	0.9	1

46	The effect of hexapeptide Glutoxim on tissue explant development in organoid cultures. <i>Doklady Biological Sciences</i> , 2004 , 398, 376-8	0.9	1
45	Recovery of mechanoreception at the initial stage of regeneration of injured sciatic nerve in rats in conditions of central axotomy of sensory neurons. <i>Neuroscience and Behavioral Physiology</i> , 2004 , 34, 817-20	0.3	1
44	Interactions of cytokines and their components in nervous and lymphoid tissue cultures. <i>Doklady Biological Sciences</i> , 2002 , 384, 199-201	0.9	1
43	Physiological characteristics of myocytes of the human umbilical arteries and vein and the effect of umbilical blood serum on them. <i>Doklady Biological Sciences</i> , 2003 , 388, 15-7	0.9	1
42	Uteroactive, beta-adrenomodulating, and M-cholinomodulating properties of the human umbilical blood serum. <i>Doklady Biological Sciences</i> , 2003 , 388, 31-4	0.9	1
41	A mechanism of the hydrochloric acid reception in the ileum. <i>Doklady Biological Sciences</i> , 2003 , 388, 1-4	0.9	1
40	Does defensin NP-1 influence the excitability of the primary afferent neurons of the guinea pig small intestine?. <i>Doklady Biological Sciences</i> , 2005 , 401, 100-3	0.9	1
39	How is bursting mode maintained under the action of exo- and endogenous factors?. <i>Biological Cybernetics</i> , 2001 , 85, 231-9	2.8	1
38	Development of the evoked potentials in the thalamus and cerebral cortex after stimulation of the stellate ganglion afferents in kittens. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001 , 93, 36-40	2.4	1
37	Studies of electrical activity of the peripheral components of the autonomic nervous system in chronic experiments. <i>Journal of the Autonomic Nervous System</i> , 1983 , 9, 347-60		1
36	Methyl- β -cyclodextrin inhibits Ca-responses induced by glutoxim and molixan in macrophages. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 471, 390-392	0.8	1
35	Effects of the vagus nerve stimulation on amygdalohypothalamic and amygdalobulbular influences. <i>Doklady Biological Sciences</i> , 2010 , 434, 313-7	0.9	0
34	Peculiarities of myocardial electrogenesis in laboratory rats under conditions of acute nitrite intoxication. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2010 , 46, 179-188	0.5	0
33	Nitric oxide regulates the chemoattractant activity of defensin HNP-1 in the blood. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 460, 62-4	0.8	
32	The inhibitors of Arp2/3 complex and WASP proteins modulate the effect of glutoxim on Na(+) transport in frog skin. <i>Doklady Biochemistry and Biophysics</i> , 2016 , 467, 102-4	0.8	
31	Involvement of the Peripheral Sensory Structures of the Autonomic Nervous System in the Mechanisms of Neuroimmune Interactions. <i>Neuroscience and Behavioral Physiology</i> , 2016 , 46, 421-429	0.3	
30	Mechanism of increasing the rate of agglutination of human erythrocytes under the influence of adrenaline and its relation to eryptosis. <i>Doklady Biological Sciences</i> , 2013 , 451, 199-202	0.9	
29	Involvement of microtubules in the effects of glutoxim and molixan on the intracellular concentration of Ca(2+) in macrophages. <i>Doklady Biological Sciences</i> , 2013 , 451, 196-8	0.9	

- 28 Involvement of the Arp2/3 complex and WASP proteins in the effect of glutoxim and molixan on intracellular Ca(2+) concentration in macrophages. *Doklady Biochemistry and Biophysics*, **2015**, 464, 279-82^{0.8}
- 27 Regulation of peripheral and systemic blood circulation in rats in conditions of acute nitrite hypoxia. *Biology Bulletin*, **2012**, 39, 547-555 0.5
- 26 Cardiovascular manifestations of acute nitrite intoxication in laboratory rats. *Journal of Evolutionary Biochemistry and Physiology*, **2011**, 47, 464-473 0.5
- 25 The changes in the nervous structures under the chemical sympathectomy with guanethidine. *Journal of the Autonomic Nervous System*, **1998**, 74, 82-5
- 24 NO-dependent mechanisms of amygdalocortical influence. *Doklady Biological Sciences*, **2008**, 421, 225-80^{0.9}
- 23 Liver glucose-6-phosphatase activity and blood fatty acid level in rats with insulin-induced hypoglycemia. *Doklady Biological Sciences*, **2008**, 422, 294-5 0.9
- 22 Nobel prizes in 2006 for physiology or medicine and chemistry. *Journal of Evolutionary Biochemistry and Physiology*, **2008**, 44, 258-260 0.5
- 21 A romantic who became a classic. *Herald of the Russian Academy of Sciences*, **2007**, 77, 161-169 0.7
- 20 Comparative analysis of the effect of endogenous antibiotic defensin NP-1 and aminoglycoside antibiotic gentamicin on synaptic transmission in receptors of the frog vestibular apparatus. *Biology Bulletin*, **2007**, 34, 590-594 0.5
- 19 Effects of intranasal administration of epitalon on neuron activity in the rat neocortex. *Neuroscience and Behavioral Physiology*, **2007**, 37, 889-93 0.3
- 18 Parameters of energy and nitrogen metabolism in rats under insulin-induced hypoglycemia. *Biology Bulletin*, **2008**, 35, 279-286 0.5
- 17 Oxygen supply of the brain cortex in acute nitrite hypoxia in rodents with different ecological specialization. *Journal of Evolutionary Biochemistry and Physiology*, **2006**, 42, 424-430 0.5
- 16 Selective Histochemical Identification of Nerve Cell Populations Using Fucose-Specific Lectins. *Biology Bulletin*, **2004**, 31, 164-167 0.5
- 15 Identification and testing of uniaxonal neurons (Dogiel type I neurons) in the myenteral plexus of the guinea pig ileum. *Doklady Biological Sciences*, **2004**, 394, 4-6 0.9
- 14 Hemodynamics in the Microcirculation System of the Rat Cerebral Cortex in Nitrite Methemoglobinemia. *Journal of Evolutionary Biochemistry and Physiology*, **2004**, 40, 189-194 0.5
- 13 The delayed effect of cortagen on the restoration of injured nerve function. *Doklady Biological Sciences*, **2002**, 384, 183-4 0.9
- 12 The effect of chemical sympathectomy on the conducting system of the white rat vagus nerve. *Doklady Biological Sciences*, **2002**, 385, 346-8 0.9
- 11 The distribution pattern of galactose-specific lectin receptors in sensory ganglia of mature white rats. *Doklady Biological Sciences*, **2002**, 386, 445-7 0.9

10	Characteristics of the responses of smooth muscles of the uterus, coronary artery, and trachea to ozone and the ability of beta-adrenergic receptor sensitizers to decrease its beta-adrenergic blocking effect. <i>Doklady Biological Sciences</i> , 2003 , 390, 200-3	0.9
9	Neuronal Organization of Mammalian Stellate Ganglion in Postnatal Ontogenesis. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2003 , 39, 249-256	0.5
8	The effects of epiphyseal peptides on the release of immunoglobulins in Peyer's patches in rats in vitro. <i>Neuroscience and Behavioral Physiology</i> , 2003 , 33, 893-7	0.3
7	Regulatory effects of essential and nonessential amino acids on organotypic cultures of spleen and liver tissues. <i>Doklady Biological Sciences</i> , 2003 , 393, 488-91	0.9
6	Serotonergic mechanisms of formation of emotional behavior of rats in ontogeny. <i>Doklady Biological Sciences</i> , 2003 , 393, 508-11	0.9
5	Study of Problems of Evolutionary Physiology in St. Petersburg State University. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2005 , 41, 583-587	0.5
4	Hormones of the pituitary-adrenal system in the mechanisms of unconditioned and conditioned reflex reinforcement. <i>Doklady Biological Sciences</i> , 2005 , 404, 329-32	0.9
3	Effects of oral immunization with ovalbumin and pineal peptides on the locomotor activity in rats. <i>Doklady Biological Sciences</i> , 2001 , 378, 220-3	0.9
2	Neurons of the ventral horns of the spinal cord participate in visceral innervation during early postnatal ontogeny. <i>Doklady Biochemistry and Biophysics</i> , 2001 , 379, 281-3	0.8
1	Principles of signal coding by the discharge pattern of a neuron population. <i>Neuroscience and Behavioral Physiology</i> , 1986 , 16, 314-21	0.3