Vladimir Nikitin

List of Publications by Year
in descending order

93 papers	475 citations	932766 10 h-index	1058022 14 g-index
124 all docs	124 docs citations	124 times ranked	195 citing authors

#	Article	IF	Citations
1	The Role of DNA Methylation and Activity of Neurotransmitter Receptors in the Mechanisms of Specific Anterograde Amnesia and Memory Recovery. Bulletin of Experimental Biology and Medicine, 2022, 172, 528-533.	0.3	0
2	Learning against the Background of DNA Methyltransferase Inhibition Leads to the Formation of Memory That Is Resistant to Reactivation and Impairment. Bulletin of Experimental Biology and Medicine, 2021, 170, 288-293.	0.3	4
3	Protein synthesis inhibitor administration before a reminder caused recovery from amnesia induced by memory reconsolidation impairment with NMDA glutamate receptor antagonist. Brain Research Bulletin, 2021, 171, 44-55.	1.4	2
4	Long-term memory consolidation or reconsolidation impairment induces amnesia with key characteristics that are similar to key learning characteristics. Neuroscience and Biobehavioral Reviews, 2020, 108, 542-558.	2.9	7
5	Peculiarities in Synthesis of Proteins Implicated in Memory Reconsolidation and Induction of Amnesia. Bulletin of Experimental Biology and Medicine, 2020, 169, 187-191.	0.3	0
6	A Study of the Participation of NMDA Glutamate Receptors in the Mechanisms of Specific Anterograde Amnesia Reversion. Bulletin of Experimental Biology and Medicine, 2020, 170, 175-180.	0.3	1
7	Proteins or RNA synthesis inhibitors suppressed induction of amnesia developing under impairment of memory reconsolidation by serotonin receptors antagonist. Neurochemistry International, 2019, 131, 104520.	1.9	0
8	Changes in Amnesia Parameters over Time after Long-Term Memory Disruption with Protein Kinase MÎ¶ Inhibitor. Bulletin of Experimental Biology and Medicine, 2019, 167, 711-715.	0.3	0
9	Administration of Protein Synthesis Inhibitor before Reminder Reverses Amnesia Induced by Memory Reconsolidation Impairment with 5-HT Receptors Antagonist. Bulletin of Experimental Biology and Medicine, 2019, 167, 1-6.	0.3	3
10	Protein synthesis inhibitors induce both memory impairment and its recovery. Behavioural Brain Research, 2019, 360, 202-208.	1.2	8
11	NMDA or 5-HT receptor antagonists impair memory reconsolidation and induce various types of amnesia. Behavioural Brain Research, 2018, 345, 72-82.	1.2	19
12	Peculiarities of Participation of DNA Methyltransferases in the Mechanisms of Storage, Impairment, and Recovery of Conditioned Food Aversion Memory. Bulletin of Experimental Biology and Medicine, 2018, 166, 1-6.	0.3	2
13	Specificity of Mechanisms of Memory Reconsolidation in Snails Trained for Rejection of Two Types of Food. Bulletin of Experimental Biology and Medicine, 2017, 162, 295-299.	0.3	4
14	Involvement of Glycogen Synthase Kinase-3 in the Mechanisms of Conditioned Food Aversion Memory Reconsolidation. Bulletin of Experimental Biology and Medicine, 2017, 162, 413-417.	0.3	0
15	Anterograde Amnesia Induced by Disruption of Consolidation or Reconsolidation of Long-Term Memory. Bulletin of Experimental Biology and Medicine, 2017, 164, 1-5.	0.3	5
16	Neurotransmitters selectively change the phosphorylation of H3 histone in identified neurons of the snail Helix lucorum. Neurochemical Journal, 2016, 10, 190-194.	0.2	0
17	Dynamics of the Development of Amnesia Caused by Disruption of Memory Reconsolidation by Neurotransmitter Receptors Antagonists. Bulletin of Experimental Biology and Medicine, 2016, 160, 596-600.	0.3	5
18	Different components of conditioned food aversion memory. Brain Research, 2016, 1642, 104-113.	1.1	10

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19	Transcription inhibitors prevent amnesia induced by NMDA antagonist-mediated impairment of memory reconsolidation. Learning and Behavior, 2016, 44, 250-259.	0.5	10
20	The Effects of Protein Kinase Inhibitor Mzeta on Retention and Reconsolidation of Long-Term Memory in Conditioned Food Aversion in Snails. Neuroscience and Behavioral Physiology, 2016, 46, 304-311.	0.2	1
21	Spontaneous Enhancement of the Reproduction of Long-Term Memory over a Period of Several Days after Training of Animals. Neuroscience and Behavioral Physiology, 2015, 45, 223-228.	0.2	1
22	Differences in the Molecular Mechanisms of Long-Term Synaptic Facilitation in Associative Learning and Sensitization. Neuroscience and Behavioral Physiology, 2015, 45, 311-318.	0.2	2
23	Involvement of MÎ¶-Like Protein Kinase in the Mechanisms of Conditioned Food Aversion Memory Reconsolidation in the Helix lucorum. Bulletin of Experimental Biology and Medicine, 2015, 159, 192-196.	0.3	2
24	Reconsolidation of Reminder-Induced Amnesia: Role of NMDA and AMPA Glutamate Receptors. Bulletin of Experimental Biology and Medicine, 2015, 160, 1-5.	0.3	4
25	The role of DNA methylation in the mechanisms of memory reconsolidation and development of amnesia. Behavioural Brain Research, 2015, 279, 148-154.	1.2	20
26	Long-Term Phase Reorganization of Conditioned Food Aversion Memory in Edible Snail. Bulletin of Experimental Biology and Medicine, 2014, 157, 416-420.	0.3	4
27	Processes of DNA Methylation Are Involved in the Mechanisms of Amnesia Induction and Conditioned Food Aversion Memory Reconsolidation. Bulletin of Experimental Biology and Medicine, 2014, 156, 430-434.	0.3	3
28	Induction of Latent Memory for Conditioned Food Aversion and Its Transformation into â€œActiveâ€• State Depend on Translation and Transcription Processes. Bulletin of Experimental Biology and Medicine, 2014, 157, 1-4.	0.3	5
29	Live-cell imaging microscopy and quantitative analysis of Ca2+-dependent effects of neurotransmitters on DNA in snail neurons. Biophysics (Russian Federation), 2014, 59, 91-97.	0.2	3
30	Involvement of Translation and Transcription Processes into Neurophysiological Mechanisms of Long-Term Memory Reconsolidation. Bulletin of Experimental Biology and Medicine, 2013, 154, 584-587.	0.3	4
31	Peculiarities of Amnesia Development during Memory Reconsolidation Impairment Induced by Isolated or Combined Treatment with Neurotransmitter Receptor Antagonists. Bulletin of Experimental Biology and Medicine, 2013, 155, 6-10.	0.3	10
32	Mechanisms of Amnesia Induced by Impairment of Long-Term Memory Reconsolidation in Edible Snail. Bulletin of Experimental Biology and Medicine, 2012, 153, 609-613.	0.3	12
33	Specific Changes in c-fos Expression and Colocalization with DNA in Identified Neuronal Nuclei of Edible Snail Following Neurotransmitter Application. Bulletin of Experimental Biology and Medicine, 2012, 153, 734-737.	0.3	3
34	Long-Term Spatial Memory Retrieval at Different Times Following Formation in Single Session Training in Rats. Bulletin of Experimental Biology and Medicine, 2012, 153, 617-619.	0.3	1
35	Recovery of Memory by the Glutamate NMDA Receptor Agonist D-Cycloserine Depends on the Stage of Development of Amnesia. Neuroscience and Behavioral Physiology, 2012, 42, 408-415.	0.2	3
36	Induction of Amnesia Evoked by Impairment to Memory Reconsolidation by Glutamate or Serotonin Receptor Antagonists Is Suppressed by Protein Synthesis Inhibitors. Neuroscience and Behavioral Physiology, 2012, 42, 416-423.	0.2	8

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37	Conditioned food aversion reconsolidation in snails is impaired by translation inhibitors but not by transcription inhibitors. Brain Research, 2012, 1467, 42-47.	1.1	23
38	Irreversible Amnesia in Rats and Edible Snails under Conditions of Associative Memory Reconsolidation Disturbance Caused by NMDA-Glutamate Receptor Antagonist. Bulletin of Experimental Biology and Medicine, 2011, 150, 286-290.	0.3	8
39	Effects of agonists of NMDA and serotonin receptors at different stages of amnesia caused by impairment of long-term memory reconsolidation. Neurochemical Journal, 2010, 4, 189-195.	0.2	1
40	Reversible and Irreversible Stages in the Development of Amnesia after Disruption of the Reactivation of Associative Memory in Snails. Neuroscience and Behavioral Physiology, 2010, 40, 679-686.	0.2	13
41	Neuronal Mechanisms of Reconsolidation of an Associative Aversive Skill to Food in the Common Snail. Neuroscience and Behavioral Physiology, 2010, 40, 715-722.	0.2	5
42	Specific Features of Molecular Postsynaptic Excitation Processes of Different Sensory Modalities in Edible Snail Neurons. Bulletin of Experimental Biology and Medicine, 2009, 147, 671-675.	0.3	1
43	Intravital Investigation of the Effects of Serotonin and Glutamate on the Dynamics of DNA Activity in L-RPl1 Neurons of Edible Snail. Bulletin of Experimental Biology and Medicine, 2009, 148, 563-567.	0.3	1
44	Neurochemical Mechanisms of Consolidation of Associative Aversive Learning to Food in the Common Snail. Neuroscience and Behavioral Physiology, 2009, 39, 663-670.	0.2	8
45	Neurochemical Mechanisms of Consolidation of Associative Aversive Training to Food in the Common Snail. Neuroscience and Behavioral Physiology, 2009, 39, 865-872.	0.2	0
46	The concept of the integrative activities of neurons and mechanisms of neuroplasticity. Neurochemical Journal, 2009, 3, 29-34.	0.2	4
47	Serotonin and NMDA glutamate receptor antagonists selectively impair the reactivation of associative memory in the common snail. Neuroscience and Behavioral Physiology, 2008, 38, 687-693.	0.2	8
48	Various mechanisms of contextual memory involvement in recalling the processes of food aversive conditioning in snails. Neurochemical Journal, 2007, 1, 288-292.	0.2	0
49	A new mechanism of synapse-specific neuronal plasticity. Neuroscience and Behavioral Physiology, 2007, 37, 559-570.	0.2	12
50	Effects of antisense oligonucleotides to mRNA for the early gene zif268 on the mechanisms of synapse-specific plasticity. Neuroscience and Behavioral Physiology, 2007, 37, 607-612.	0.2	2
51	Effects of protein synthesis inhibitors during reactivation of associative memory in the common snail induces reversible and irreversible amnesia. Neuroscience and Behavioral Physiology, 2007, 37, 921-928.	0.2	16
52	Transcription factor serum response factor is selectively involved in the mechanisms of long-term synapse-specific plasticity. Neuroscience and Behavioral Physiology, 2007, 37, 83-88.	0.2	9
53	Synapse-specific plasticity in command neurons during learning of edible snails under the action of caspase inhibitors. Bulletin of Experimental Biology and Medicine, 2007, 144, 755-759.	0.3	1
54	Protein Kinase C is Selectively Involved in the Mechanisms of Long-Term Synaptic Plasticity. Bulletin of Experimental Biology and Medicine, 2005, 139, 639-642.	0.3	6

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55	Long-term synaptic facilitation in defensive behavior command neurons in the snail during acquisition of sensitization depends on RNA synthesis. Neuroscience and Behavioral Physiology, 2005, 35, 355-362.	0.2	5
56	Selective involvement of opioids in the mechanisms of synapse-specific plasticity in the common snail during the acquisition of sensitization. Neuroscience and Behavioral Physiology, 2005, 35, 125-132.	0.2	2
57	In Vivo Investigation of Genome Activity and Synaptic Plasticity of Neurons in Snails During Learning. Neuroscience and Behavioral Physiology, 2005, 35, 595-603.	0.2	1
58	Inactivation of C/EBP Transcription Factors Specifically Affects the Synaptic Plasticity of a Common Snail Neuron. Neuroscience and Behavioral Physiology, 2005, 35, 757-762.	0.2	3
59	The Selective Effect of a Protein Kinase C Inhibitor on Synaptic Plasticity in Defensive Behavior Command Neurons During Development of Sensitization in the Snail. Neuroscience and Behavioral Physiology, 2004, 34, 423-430.	0.2	1
60	Selective Effects of Antibodies to Protein SMP-69 on the Activity of Defensive Behavior Command Neurons in the Common Snail. Neuroscience and Behavioral Physiology, 2004, 34, 791-796.	0.2	1
61	Specificity of postsynaptic excitations of different sensory modality in neurons of edible snail during learning. Bulletin of Experimental Biology and Medicine, 2004, 138, 429-432.	0.3	0
62	The selective action of opioid peptides on excitability and the various sensory inputs of defensive behavior command neurons LPl1 and RPl1 of the common snail. Neuroscience and Behavioral Physiology, 2003, 33, 447-453.	0.2	0
63	The critical role of intracellular calcium in the mechanisms of plasticity of common snail defensive behavior command neurons LPl1 and RPl1 in nociceptive sensitization. Neuroscience and Behavioral Physiology, 2003, 33, 513-519.	0.2	2
64	Effects of antibodies against protein S100b on synaptic transmission and long-term potentiation in CA-1 hippocampal neurons in rats. Bulletin of Experimental Biology and Medicine, 2002, 133, 110-113.	0.3	5
65	The effects of antibodies against proteins of the s100 group on neuron plasticity in sensitized and non-sensitized snails. Neuroscience and Behavioral Physiology, 2002, 32, 25-31.	0.2	6
66	Selective effects of an NMDA glutamate receptor antagonist on the sensory input from chemoreceptors in the snail's head during acquisition of nociceptive sensitization. Neuroscience and Behavioral Physiology, 2002, 32, 129-134.	0.2	2
67	NMDA glutamate receptor antagonists selectively affect the synaptic mechanisms of nociceptive sensitization in snails. Neuroscience and Behavioral Physiology, 2001, 31, 421-427.	0.2	0
68	The effects of cAMP on the excitability and responses of defensive behavior command neurons in the common snail evoked by sensory stimuli. Neuroscience and Behavioral Physiology, 2000, 30, 441-447.	0.2	4
69	The transient stage of long-term synaptic facilitation in defensive behavior command neurons in sensitized snails. Neuroscience and Behavioral Physiology, 2000, 30, 267-276.	0.2	0
70	Neuronal mechanisms of site-specific nociceptive sensitization in the common snail. Neuroscience and Behavioral Physiology, 1999, 29, 167-173.	0.2	3
71	Serotonin imatates several of the neuronal effects of nociceptive sensitization in the common snail. Neuroscience and Behavioral Physiology, 1998, 28, 547-555.	0.2	10
72	Molecular-cellular mechanisms of the formation of long-term memory in the edible snail. Neuroscience and Behavioral Physiology, 1997, 27, 212-215.	0.2	0

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73	Selective involvement of non-histone chromatin proteins in the reproduction of averse reaction to food in snail. Neurophysiology, 1996, 27, 132-141.	0.2	1
74	Neurophysiological mechanisms of generalized and signal-specific long-term nociceptive sensitizations in theHelix snail. Neurophysiology, 1996, 27, 35-41.	0.2	0
75	Physiologic characterization of novel aggressotropic neuropeptides. Neuroscience and Behavioral Physiology, 1996, 26, 460-467.	0.2	0
76	Generalized and signal-specific long-term nociceptive sensitization in the common snail. Neuroscience and Behavioral Physiology, 1996, 26, 468-476.	0.2	1
77	Imitation of neurophysiological effects of long-term sensitization with the action of the blockers of protein synthesis in snailsHelix lucorum. Neurophysiology, 1995, 26, 55-60.	0.2	0
78	Mechanisms of the development of sensitizations in the snail: The participation of calcium and calmodulin. Neuroscience and Behavioral Physiology, 1994, 24, 125-131.	0.2	0
79	Conditioning and sensitization in the snail: Neurophysiological and metabolic characteristics. Neuroscience and Behavioral Physiology, 1994, 24, 133-140.	0.2	1
80	Molecularâ€"Cellular mechanisms of learning of the common snail. Neuroscience and Behavioral Physiology, 1994, 24, 321-328.	0.2	2
81	Effect of protein synthesis inhibitors on neuronal mechanisms of sensitization inHelix snail. Neurophysiology, 1994, 25, 93-98.	0.2	0
82	Sensitization inHelix snail: Morphofunctional correlates in command neurons of withdrawal behavior. Neurophysiology, 1994, 25, 132-138.	0.2	0
83	Learning-related long-term synaptic facilitation in snails: Possible mechanisms of long-term memory formation. Neurophysiology, 1994, 25, 318-323.	0.2	0
84	Neurophysiological changes and dynamics of bound calcium during the development of associative learning in Helix lucorum. Neurophysiology, 1993, 24, 465-472.	0.2	0
85	Dynamics of defense and alimentary reactions in the development of sensitization in edible snails. Neuroscience and Behavioral Physiology, 1992, 22, 259-267.	0.2	0
86	Selective participation of brain-specific nonhistone Np-3.5 proteins of chromatin in the processes of the reproduction of a defensive habit in response to food in edible snails. Neuroscience and Behavioral Physiology, 1992, 22, 120-127.	0.2	0
87	Involvement of intracellular calcium in sensitization of command neurons of defensive behavior in the edible snail (Helix lucorum). Neurophysiology, 1992, 23, 304-311.	0.2	0
88	Involvement of calcium-binding membrane components in neurophysiological mechanics of habituation in Helix pomatia. Neurophysiology, 1990, 21, 426-432.	0.2	0
89	Effect of FMRF-amide on activity of defensive behavior command neurons of fed and hungry snails (Helix pomatia). Bulletin of Experimental Biology and Medicine, 1988, 105, 618-620.	0.3	2
90	Involvement of group S-100 brain specific proteins in the neurophysiological mechanisms of habituation. Neurophysiology, 1988, 19, 471-478.	0.2	3

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91	Effect of ?-golbulins to brain-specific nonhistone chromatin proteins on conditioned reflex performance inHelix pomatia. Bulletin of Experimental Biology and Medicine, 1987, 104, 1039-1041.	0.3	0
92	Prostaglandins and functional specificity of central neurons of Helix pomatia. Neurophysiology, 1982, 13, 414-420.	0.2	0
93	Effect of oxygen supply on response of identifiedHelix pomatia neurons to metabolic regulators. Bulletin of Experimental Biology and Medicine, 1981, 92, 1148-1151.	0.3	0