

# Vladimir Nikitin

## List of Publications by Year in descending order

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93  
papers

475  
citations

932766

10  
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1058022

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124  
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124  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Conditioned food aversion reconsolidation in snails is impaired by translation inhibitors but not by transcription inhibitors. <i>Brain Research</i> , 2012, 1467, 42-47.	1.1	23
2	The role of DNA methylation in the mechanisms of memory reconsolidation and development of amnesia. <i>Behavioural Brain Research</i> , 2015, 279, 148-154.	1.2	20
3	NMDA or 5-HT receptor antagonists impair memory reconsolidation and induce various types of amnesia. <i>Behavioural Brain Research</i> , 2018, 345, 72-82.	1.2	19
4	Effects of protein synthesis inhibitors during reactivation of associative memory in the common snail induces reversible and irreversible amnesia. <i>Neuroscience and Behavioral Physiology</i> , 2007, 37, 921-928.	0.2	16
5	Reversible and Irreversible Stages in the Development of Amnesia after Disruption of the Reactivation of Associative Memory in Snails. <i>Neuroscience and Behavioral Physiology</i> , 2010, 40, 679-686.	0.2	13
6	A new mechanism of synapse-specific neuronal plasticity. <i>Neuroscience and Behavioral Physiology</i> , 2007, 37, 559-570.	0.2	12
7	Mechanisms of Amnesia Induced by Impairment of Long-Term Memory Reconsolidation in Edible Snail. <i>Bulletin of Experimental Biology and Medicine</i> , 2012, 153, 609-613.	0.3	12
8	Serotonin imitates several of the neuronal effects of nociceptive sensitization in the common snail. <i>Neuroscience and Behavioral Physiology</i> , 1998, 28, 547-555.	0.2	10
9	Peculiarities of Amnesia Development during Memory Reconsolidation Impairment Induced by Isolated or Combined Treatment with Neurotransmitter Receptor Antagonists. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 155, 6-10.	0.3	10
10	Different components of conditioned food aversion memory. <i>Brain Research</i> , 2016, 1642, 104-113.	1.1	10
11	Transcription inhibitors prevent amnesia induced by NMDA antagonist-mediated impairment of memory reconsolidation. <i>Learning and Behavior</i> , 2016, 44, 250-259.	0.5	10
12	Transcription factor serum response factor is selectively involved in the mechanisms of long-term synapse-specific plasticity. <i>Neuroscience and Behavioral Physiology</i> , 2007, 37, 83-88.	0.2	9
13	Serotonin and NMDA glutamate receptor antagonists selectively impair the reactivation of associative memory in the common snail. <i>Neuroscience and Behavioral Physiology</i> , 2008, 38, 687-693.	0.2	8
14	Neurochemical Mechanisms of Consolidation of Associative Aversive Learning to Food in the Common Snail. <i>Neuroscience and Behavioral Physiology</i> , 2009, 39, 663-670.	0.2	8
15	Irreversible Amnesia in Rats and Edible Snails under Conditions of Associative Memory Reconsolidation Disturbance Caused by NMDA-Glutamate Receptor Antagonist. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 150, 286-290.	0.3	8
16	Induction of Amnesia Evoked by Impairment to Memory Reconsolidation by Glutamate or Serotonin Receptor Antagonists Is Suppressed by Protein Synthesis Inhibitors. <i>Neuroscience and Behavioral Physiology</i> , 2012, 42, 416-423.	0.2	8
17	Protein synthesis inhibitors induce both memory impairment and its recovery. <i>Behavioural Brain Research</i> , 2019, 360, 202-208.	1.2	8
18	Long-term memory consolidation or reconsolidation impairment induces amnesia with key characteristics that are similar to key learning characteristics. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 542-558.	2.9	7

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19	The effects of antibodies against proteins of the s100 group on neuron plasticity in sensitized and non-sensitized snails. <i>Neuroscience and Behavioral Physiology</i> , 2002, 32, 25-31.	0.2	6
20	Protein Kinase C is Selectively Involved in the Mechanisms of Long-Term Synaptic Plasticity. <i>Bulletin of Experimental Biology and Medicine</i> , 2005, 139, 639-642.	0.3	6
21	Effects of antibodies against protein S100b on synaptic transmission and long-term potentiation in CA-1 hippocampal neurons in rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2002, 133, 110-113.	0.3	5
22	Long-term synaptic facilitation in defensive behavior command neurons in the snail during acquisition of sensitization depends on RNA synthesis. <i>Neuroscience and Behavioral Physiology</i> , 2005, 35, 355-362.	0.2	5
23	Neuronal Mechanisms of Reconsolidation of an Associative Aversive Skill to Food in the Common Snail. <i>Neuroscience and Behavioral Physiology</i> , 2010, 40, 715-722.	0.2	5
24	Induction of Latent Memory for Conditioned Food Aversion and Its Transformation into "Active" State Depend on Translation and Transcription Processes. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 157, 1-4.	0.3	5
25	Dynamics of the Development of Amnesia Caused by Disruption of Memory Reconsolidation by Neurotransmitter Receptors Antagonists. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 160, 596-600.	0.3	5
26	Anterograde Amnesia Induced by Disruption of Consolidation or Reconsolidation of Long-Term Memory. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 164, 1-5.	0.3	5
27	The effects of cAMP on the excitability and responses of defensive behavior command neurons in the common snail evoked by sensory stimuli. <i>Neuroscience and Behavioral Physiology</i> , 2000, 30, 441-447.	0.2	4
28	The concept of the integrative activities of neurons and mechanisms of neuroplasticity. <i>Neurochemical Journal</i> , 2009, 3, 29-34.	0.2	4
29	Involvement of Translation and Transcription Processes into Neurophysiological Mechanisms of Long-Term Memory Reconsolidation. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 154, 584-587.	0.3	4
30	Long-Term Phase Reorganization of Conditioned Food Aversion Memory in Edible Snail. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 157, 416-420.	0.3	4
31	Reconsolidation of Reminder-Induced Amnesia: Role of NMDA and AMPA Glutamate Receptors. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 160, 1-5.	0.3	4
32	Specificity of Mechanisms of Memory Reconsolidation in Snails Trained for Rejection of Two Types of Food. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 162, 295-299.	0.3	4
33	Learning against the Background of DNA Methyltransferase Inhibition Leads to the Formation of Memory That Is Resistant to Reactivation and Impairment. <i>Bulletin of Experimental Biology and Medicine</i> , 2021, 170, 288-293.	0.3	4
34	Involvement of group S-100 brain specific proteins in the neurophysiological mechanisms of habituation. <i>Neurophysiology</i> , 1988, 19, 471-478.	0.2	3
35	Neuronal mechanisms of site-specific nociceptive sensitization in the common snail. <i>Neuroscience and Behavioral Physiology</i> , 1999, 29, 167-173.	0.2	3
36	Inactivation of C/EBP Transcription Factors Specifically Affects the Synaptic Plasticity of a Common Snail Neuron. <i>Neuroscience and Behavioral Physiology</i> , 2005, 35, 757-762.	0.2	3

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37	Specific Changes in c-fos Expression and Colocalization with DNA in Identified Neuronal Nuclei of Edible Snail Following Neurotransmitter Application. <i>Bulletin of Experimental Biology and Medicine</i> , 2012, 153, 734-737.	0.3	3
38	Recovery of Memory by the Glutamate NMDA Receptor Agonist D-Cycloserine Depends on the Stage of Development of Amnesia. <i>Neuroscience and Behavioral Physiology</i> , 2012, 42, 408-415.	0.2	3
39	Processes of DNA Methylation Are Involved in the Mechanisms of Amnesia Induction and Conditioned Food Aversion Memory Reconsolidation. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 156, 430-434.	0.3	3
40	Live-cell imaging microscopy and quantitative analysis of Ca <sup>2+</sup> -dependent effects of neurotransmitters on DNA in snail neurons. <i>Biophysics (Russian Federation)</i> , 2014, 59, 91-97.	0.2	3
41	Administration of Protein Synthesis Inhibitor before Reminder Reverses Amnesia Induced by Memory Reconsolidation Impairment with 5-HT Receptors Antagonist. <i>Bulletin of Experimental Biology and Medicine</i> , 2019, 167, 1-6.	0.3	3
42	Effect of FMRF-amide on activity of defensive behavior command neurons of fed and hungry snails ( <i>Helix pomatia</i> ). <i>Bulletin of Experimental Biology and Medicine</i> , 1988, 105, 618-620.	0.3	2
43	Molecular Cellular mechanisms of learning of the common snail. <i>Neuroscience and Behavioral Physiology</i> , 1994, 24, 321-328.	0.2	2
44	Selective effects of an NMDA glutamate receptor antagonist on the sensory input from chemoreceptors in the snail's head during acquisition of nociceptive sensitization. <i>Neuroscience and Behavioral Physiology</i> , 2002, 32, 129-134.	0.2	2
45	The critical role of intracellular calcium in the mechanisms of plasticity of common snail defensive behavior command neurons LPI1 and RPI1 in nociceptive sensitization. <i>Neuroscience and Behavioral Physiology</i> , 2003, 33, 513-519.	0.2	2
46	Selective involvement of opioids in the mechanisms of synapse-specific plasticity in the common snail during the acquisition of sensitization. <i>Neuroscience and Behavioral Physiology</i> , 2005, 35, 125-132.	0.2	2
47	Effects of antisense oligonucleotides to mRNA for the early gene zif268 on the mechanisms of synapse-specific plasticity. <i>Neuroscience and Behavioral Physiology</i> , 2007, 37, 607-612.	0.2	2
48	Differences in the Molecular Mechanisms of Long-Term Synaptic Facilitation in Associative Learning and Sensitization. <i>Neuroscience and Behavioral Physiology</i> , 2015, 45, 311-318.	0.2	2
49	Involvement of M17-Like Protein Kinase in the Mechanisms of Conditioned Food Aversion Memory Reconsolidation in the <i>Helix lucorum</i> . <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 159, 192-196.	0.3	2
50	Peculiarities of Participation of DNA Methyltransferases in the Mechanisms of Storage, Impairment, and Recovery of Conditioned Food Aversion Memory. <i>Bulletin of Experimental Biology and Medicine</i> , 2018, 166, 1-6.	0.3	2
51	Protein synthesis inhibitor administration before a reminder caused recovery from amnesia induced by memory reconsolidation impairment with NMDA glutamate receptor antagonist. <i>Brain Research Bulletin</i> , 2021, 171, 44-55.	1.4	2
52	Conditioning and sensitization in the snail: Neurophysiological and metabolic characteristics. <i>Neuroscience and Behavioral Physiology</i> , 1994, 24, 133-140.	0.2	1
53	Selective involvement of non-histone chromatin proteins in the reproduction of aversive reaction to food in snail. <i>Neurophysiology</i> , 1996, 27, 132-141.	0.2	1
54	Generalized and signal-specific long-term nociceptive sensitization in the common snail. <i>Neuroscience and Behavioral Physiology</i> , 1996, 26, 468-476.	0.2	1

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55	The Selective Effect of a Protein Kinase C Inhibitor on Synaptic Plasticity in Defensive Behavior Command Neurons During Development of Sensitization in the Snail. <i>Neuroscience and Behavioral Physiology</i> , 2004, 34, 423-430.	0.2	1
56	Selective Effects of Antibodies to Protein SMP-69 on the Activity of Defensive Behavior Command Neurons in the Common Snail. <i>Neuroscience and Behavioral Physiology</i> , 2004, 34, 791-796.	0.2	1
57	In Vivo Investigation of Genome Activity and Synaptic Plasticity of Neurons in Snails During Learning. <i>Neuroscience and Behavioral Physiology</i> , 2005, 35, 595-603.	0.2	1
58	Synapse-specific plasticity in command neurons during learning of edible snails under the action of caspase inhibitors. <i>Bulletin of Experimental Biology and Medicine</i> , 2007, 144, 755-759.	0.3	1
59	Specific Features of Molecular Postsynaptic Excitation Processes of Different Sensory Modalities in Edible Snail Neurons. <i>Bulletin of Experimental Biology and Medicine</i> , 2009, 147, 671-675.	0.3	1
60	Intravital Investigation of the Effects of Serotonin and Glutamate on the Dynamics of DNA Activity in L-RP1 Neurons of Edible Snail. <i>Bulletin of Experimental Biology and Medicine</i> , 2009, 148, 563-567.	0.3	1
61	Effects of agonists of NMDA and serotonin receptors at different stages of amnesia caused by impairment of long-term memory reconsolidation. <i>Neurochemical Journal</i> , 2010, 4, 189-195.	0.2	1
62	Long-Term Spatial Memory Retrieval at Different Times Following Formation in Single Session Training in Rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2012, 153, 617-619.	0.3	1
63	Spontaneous Enhancement of the Reproduction of Long-Term Memory over a Period of Several Days after Training of Animals. <i>Neuroscience and Behavioral Physiology</i> , 2015, 45, 223-228.	0.2	1
64	The Effects of Protein Kinase Inhibitor Mzeta on Retention and Reconsolidation of Long-Term Memory in Conditioned Food Aversion in Snails. <i>Neuroscience and Behavioral Physiology</i> , 2016, 46, 304-311.	0.2	1
65	A Study of the Participation of NMDA Glutamate Receptors in the Mechanisms of Specific Anterograde Amnesia Reversion. <i>Bulletin of Experimental Biology and Medicine</i> , 2020, 170, 175-180.	0.3	1
66	Effect of oxygen supply on response of identified <i>Helix pomatia</i> neurons to metabolic regulators. <i>Bulletin of Experimental Biology and Medicine</i> , 1981, 92, 1148-1151.	0.3	0
67	Prostaglandins and functional specificity of central neurons of <i>Helix pomatia</i> . <i>Neurophysiology</i> , 1982, 13, 414-420.	0.2	0
68	Effect of $\beta$ -globulins to brain-specific nonhistone chromatin proteins on conditioned reflex performance in <i>Helix pomatia</i> . <i>Bulletin of Experimental Biology and Medicine</i> , 1987, 104, 1039-1041.	0.3	0
69	Involvement of calcium-binding membrane components in neurophysiological mechanics of habituation in <i>Helix pomatia</i> . <i>Neurophysiology</i> , 1990, 21, 426-432.	0.2	0
70	Dynamics of defense and alimentary reactions in the development of sensitization in edible snails. <i>Neuroscience and Behavioral Physiology</i> , 1992, 22, 259-267.	0.2	0
71	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. <i>Neuroscience and Behavioral Physiology</i> , 1992, 22, 120-127.	0.2	0
72	Involvement of intracellular calcium in sensitization of command neurons of defensive behavior in the edible snail ( <i>Helix lucorum</i> ). <i>Neurophysiology</i> , 1992, 23, 304-311.	0.2	0

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73	Neurophysiological changes and dynamics of bound calcium during the development of associative learning in <i>Helix lucorum</i> . <i>Neurophysiology</i> , 1993, 24, 465-472.	0.2	0
74	Mechanisms of the development of sensitizations in the snail: The participation of calcium and calmodulin. <i>Neuroscience and Behavioral Physiology</i> , 1994, 24, 125-131.	0.2	0
75	Effect of protein synthesis inhibitors on neuronal mechanisms of sensitization in <i>Helix</i> snail. <i>Neurophysiology</i> , 1994, 25, 93-98.	0.2	0
76	Sensitization in <i>Helix</i> snail: Morphofunctional correlates in command neurons of withdrawal behavior. <i>Neurophysiology</i> , 1994, 25, 132-138.	0.2	0
77	Learning-related long-term synaptic facilitation in snails: Possible mechanisms of long-term memory formation. <i>Neurophysiology</i> , 1994, 25, 318-323.	0.2	0
78	Imitation of neurophysiological effects of long-term sensitization with the action of the blockers of protein synthesis in snails <i>Helix lucorum</i> . <i>Neurophysiology</i> , 1995, 26, 55-60.	0.2	0
79	Neurophysiological mechanisms of generalized and signal-specific long-term nociceptive sensitizations in the <i>Helix</i> snail. <i>Neurophysiology</i> , 1996, 27, 35-41.	0.2	0
80	Physiologic characterization of novel aggressotropic neuropeptides. <i>Neuroscience and Behavioral Physiology</i> , 1996, 26, 460-467.	0.2	0
81	Molecular-cellular mechanisms of the formation of long-term memory in the edible snail. <i>Neuroscience and Behavioral Physiology</i> , 1997, 27, 212-215.	0.2	0
82	The transient stage of long-term synaptic facilitation in defensive behavior command neurons in sensitized snails. <i>Neuroscience and Behavioral Physiology</i> , 2000, 30, 267-276.	0.2	0
83	NMDA glutamate receptor antagonists selectively affect the synaptic mechanisms of nociceptive sensitization in snails. <i>Neuroscience and Behavioral Physiology</i> , 2001, 31, 421-427.	0.2	0
84	The selective action of opioid peptides on excitability and the various sensory inputs of defensive behavior command neurons LPI1 and RPI1 of the common snail. <i>Neuroscience and Behavioral Physiology</i> , 2003, 33, 447-453.	0.2	0
85	Specificity of postsynaptic excitations of different sensory modality in neurons of edible snail during learning. <i>Bulletin of Experimental Biology and Medicine</i> , 2004, 138, 429-432.	0.3	0
86	Various mechanisms of contextual memory involvement in recalling the processes of food aversive conditioning in snails. <i>Neurochemical Journal</i> , 2007, 1, 288-292.	0.2	0
87	Neurochemical Mechanisms of Consolidation of Associative Aversive Training to Food in the Common Snail. <i>Neuroscience and Behavioral Physiology</i> , 2009, 39, 865-872.	0.2	0
88	Neurotransmitters selectively change the phosphorylation of H3 histone in identified neurons of the snail <i>Helix lucorum</i> . <i>Neurochemical Journal</i> , 2016, 10, 190-194.	0.2	0
89	Involvement of Glycogen Synthase Kinase-3 in the Mechanisms of Conditioned Food Aversion Memory Reconsolidation. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 162, 413-417.	0.3	0
90	Proteins or RNA synthesis inhibitors suppressed induction of amnesia developing under impairment of memory reconsolidation by serotonin receptors antagonist. <i>Neurochemistry International</i> , 2019, 131, 104520.	1.9	0

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91	Changes in Amnesia Parameters over Time after Long-Term Memory Disruption with Protein Kinase M1̂ Inhibitor. Bulletin of Experimental Biology and Medicine, 2019, 167, 711-715.	0.3	0
92	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
93	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