

# Victor N Ierusalimsky

## List of Publications by Year in descending order

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35  
papers

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citations

840776

11  
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nav1.6 but not KCa3.1 channels contribute to heterogeneity in coding abilities and dynamics of action potentials in the L5 neocortical pyramidal neurons. <i>Biochemical and Biophysical Research Communications</i> , 2022, 615, 102-108.	2.1	2
2	Immediate-Early Genes Detection in the CNS of Terrestrial Snail. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 1395-1404.	3.3	0
3	Optogenetic Stimulation of the Axons of Visual Cortex and Hippocampus Pyramidal Neurons in Living Brain Slices. <i>Neuroscience and Behavioral Physiology</i> , 2019, 49, 227-232.	0.4	0
4	Identification of Immediate Early Genes in the Nervous System of Snail <i>Helix lucorum</i> . <i>ENeuro</i> , 2019, 6, ENEURO.0416-18.2019.	1.9	8
5	Long-living RNA in the CNS of terrestrial snail. <i>RNA Biology</i> , 2018, 15, 207-213.	3.1	3
6	A BK channel-mediated feedback pathway links single-synapse activity with action potential sharpening in repetitive firing. <i>Science Advances</i> , 2018, 4, eaat1357.	10.3	14
7	Encoding of High Frequencies Improves with Maturation of Action Potential Generation in Cultured Neocortical Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 28.	3.7	10
8	Adaptive Changes in the Vestibular System of Land Snail to a 30-Day Spaceflight and Readaptation on Return to Earth. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 348.	3.7	8
9	Impairment of the serotonergic neurons underlying reinforcement elicits extinction of the repeatedly reactivated context memory. <i>Scientific Reports</i> , 2016, 6, 36933.	3.3	27
10	RNA synthesis and turnover in the molluscan nervous system studied by Click-iT method. <i>Brain Research</i> , 2016, 1633, 139-148.	2.2	3
11	Localization of the atypical protein kinase C $\eta$ in the Nervous System of the terrestrial snail <i>Helix</i> . <i>Neurochemical Journal</i> , 2015, 9, 254-259.	0.5	2
12	Homolog of protein kinase M $\eta$ maintains context aversive memory and underlying long-term facilitation in terrestrial snail <i>Helix</i> . <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 222.	3.7	17
13	Type 1 metalloproteinase is selectively expressed in adult rat brain and can be rapidly up-regulated by kainate. <i>Acta Histochemica</i> , 2013, 115, 816-826.	1.8	5
14	Biolistic delivery of voltage-sensitive dyes for fast recording of membrane potential changes in individual neurons in rat brain slices. <i>Journal of Neuroscience Methods</i> , 2013, 212, 17-27.	2.5	14
15	The Serotonergic Neuron System in the CNS of the Common Snail: Morphology, Ontogeny, Control of Behavior. <i>Neuroscience and Behavioral Physiology</i> , 2012, 42, 13-20.	0.4	0
16	Functional Changes in the Snail Statocyst System Elicited by Microgravity. <i>PLoS ONE</i> , 2011, 6, e17710.	2.5	17
17	Family of CNP neuropeptides: common morphology in various invertebrates. <i>Cell and Tissue Research</i> , 2011, 343, 483-497.	2.9	0
18	Two morphological sub-systems within the olfactory organs of a terrestrial snail. <i>Brain Research</i> , 2010, 1326, 68-74.	2.2	18

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19	Cannabinoid regulation in identified synapse of terrestrial snail. <i>European Journal of Neuroscience</i> , 2007, 26, 3207-3214.	2.6	14
20	Neuropeptides of <i>Drosophila</i> related to molluscan neuropeptides: Dependence of the immunoreactivity pattern on the ontogenetic stage and functional state. <i>Brain Research</i> , 2007, 1152, 32-41.	2.2	6
21	Primary sensory neurons containing command neuron peptide constitute a morphologically distinct class of sensory neurons in the terrestrial snail. <i>Cell and Tissue Research</i> , 2007, 330, 169-177.	2.9	7
22	Caspase-like activity is essential for long-term synaptic plasticity in the terrestrial snail <i>Helix</i> . <i>European Journal of Neuroscience</i> , 2006, 23, 129-140.	2.6	28
23	Intracellular Localization of the HCS2 Gene Products in Identified Snail Neurons In Vivo and In Vitro. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 127-144.	3.3	3
24	Immunoreactivity to molluscan neuropeptides in the central and stomatogastric nervous systems of the earthworm, <i>Lumbricus terrestris</i> L.. <i>Cell and Tissue Research</i> , 2006, 325, 555-565.	2.9	9
25	Morphological basis for coordination of growth and reproduction processes in the CNS of two terrestrial snails. <i>Experimental Brain Research</i> , 2005, 161, 465-473.	1.5	2
26	Snail peptide expression pattern in the nervous system of the medicinal leech. <i>Molecular Brain Research</i> , 2005, 140, 99-105.	2.3	4
27	<i>Helix</i> peptide immunoreactivity pattern in the nervous system of juvenile aplysia. <i>Molecular Brain Research</i> , 2003, 120, 84-89.	2.3	9
28	Selective blockade of gene expression in a single identified snail neuron. <i>Neuroscience</i> , 2003, 119, 15-18.	2.3	2
29	A Single Serotonergic Modulatory Cell Can Mediate Reinforcement in the Withdrawal Network of the Terrestrial Snail. <i>Neurobiology of Learning and Memory</i> , 2001, 75, 30-50.	1.9	31
30	Participation of GABA in establishing behavioral hierarchies in the terrestrial snail. <i>Experimental Brain Research</i> , 2001, 141, 340-348.	1.5	10
31	Ontogenesis of the snail, <i>Helix aspersa</i> : embryogenesis timetable and ontogenesis of GABA-like immunoreactive neurons in the central nervous system. <i>Journal of Neurocytology</i> , 2001, 30, 73-91.	1.5	14
32	Postembryonic neuronogenesis in the procererebrum of the terrestrial snail, <i>Helix lucorum</i> L., 1998, 35, 271-276.		40
33	MIPs-containing cells in terrestrial snails: comparison of immunostaining and silver intensification. <i>Neuroscience Research Communications</i> , 1997, 21, 213-221.	0.2	3
34	Pedal serotonergic neurons modulate the synaptic input of withdrawal interneurons of <i>Helix</i> . <i>Invertebrate Neuroscience</i> , 1995, 1, 41-52.	1.8	36
35	Nervous system and neural maps in gastropod <i>Helix lucorum</i> L.. <i>Neuroscience and Behavioral Physiology</i> , 1994, 24, 13-22.	0.4	8