

# Dmitri S Vasilev

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Caspase Inhibition Restores NEP Expression and Rescues Olfactory Deficit in Rats Caused by Prenatal Hypoxia. <i>Journal of Molecular Neuroscience</i> , 2022, , 1.	1.1	1
2	Lactoferrin Induces Erythropoietin Synthesis and Rescues Cognitive Functions in the Offspring of Rats Subjected to Prenatal Hypoxia. <i>Nutrients</i> , 2022, 14, 1399.	1.7	9
3	Maternal Hypoxia Increases the Excitability of Neurons in the Entorhinal Cortex and Dorsal Hippocampus of Rat Offspring. <i>Frontiers in Neuroscience</i> , 2022, 16, 867120.	1.4	4
4	Prenatal Hypoxia Leads to Impaired Formation of Nervous Tissue in the Entorhinal Area of the Cerebral Cortex in Rats. <i>Neuroscience and Behavioral Physiology</i> , 2021, 51, 681-686.	0.2	1
5	Prenatal Hyperhomocysteinemia Induces Glial Activation and Alters Neuroinflammatory Marker Expression in Infant Rat Hippocampus. <i>Cells</i> , 2021, 10, 1536.	1.8	14
6	Effect of Prenatal Hypoxia on Cytoarchitectonics and Ultrastructural Organisation of Brain Regions Related to Olfaction in Rats. <i>Cell and Tissue Biology</i> , 2021, 15, 482-492.	0.2	3
7	Neuroinflammatory Processes Affect Structural Changes in the Amygdala of Rats in a Lithium-Pilocarpine Model of Epilepsy. <i>Neuroscience and Behavioral Physiology</i> , 2020, 50, 625-632.	0.2	0
8	FEATURES OF THE CYTOKINE PROFILE IN PATIENTS WITH CHRONIC NON-BACTERIAL OSTEOMYELITIS: PRELIMINARY RESULTS OF A PILOT CONTROLLED STUDY. <i>Pediatrics</i> , 2020, 99, 49-59.	0.1	0
9	Changes in Caspase-3 Activity in Early Ontogenesis Lead to Impairments to Memory and Learning in Adult Rats. <i>Neuroscience and Behavioral Physiology</i> , 2019, 49, 514-521.	0.2	0
10	Prenatal hypoxia produces memory deficits associated with impairment of long-term synaptic plasticity in young rats. <i>Neurobiology of Learning and Memory</i> , 2019, 164, 107066.	1.0	28
11	Regulation of Nephilysin Activity and Cognitive Functions in Rats After Prenatal Hypoxia. <i>Neurochemical Research</i> , 2019, 44, 1387-1398.	1.6	17
12	Age-Dependent Electroencephalogram Dynamics and Epileptogenic Responsiveness in Rats Subjected to Prenatal Hypoxia. <i>Developmental Neuroscience</i> , 2019, 41, 56-66.	1.0	5
13	Calcium-Binding Proteins and Cytochrome Oxidase Activity in the Pigeon Entopallium: A Comparative Analysis of Interspecies Variability as Related to the Discussion on Avian Entopallium Homology. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2018, 54, 68-82.	0.2	1
14	Ultrastructural Alterations in the Sensorimotor Cortex upon Delayed Development of Motor Behavior in Early Ontogenesis of Rats Exposed to Prenatal Hypoxia. <i>Cell and Tissue Biology</i> , 2018, 12, 419-425.	0.2	5
15	Transient Morphological Alterations in the Hippocampus After Pentylentetrazole-Induced Seizures in Rats. <i>Neurochemical Research</i> , 2018, 43, 1671-1682.	1.6	32
16	Ontogenetic and Phylogenetic Approaches for Studying the Mechanisms of Cognitive Dysfunctions. , 2018, , .		4
17	CHANGES IN ULTRASTRUCTURE OF THE SENSORIMOTOR CORTEX ACCOMPANIED BY THE MOTOR BEHAVIOR DYSFUNCTIONS IN THE EARLY ONTOGENESIS OF RATS SUBJECTED TO THE PRENATAL HYPOXIA. <i>Tsitologiya</i> , 2018, 60, 390-397.	0.2	1
18	Early morphological and functional changes in the GABAergic system of hippocampus in the rat lithium-pilocarpine model of epilepsy. <i>Doklady Biological Sciences</i> , 2017, 472, 4-7.	0.2	4

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19	Prenatal Hypoxia in Different Periods of Embryogenesis Differentially Affects Cell Migration, Neuronal Plasticity, and Rat Behavior in Postnatal Ontogenesis. <i>Frontiers in Neuroscience</i> , 2016, 10, 126.	1.4	35
20	Regulation of caspase-3 content and activity in rat cortex in norm and after prenatal hypoxia. <i>Neurochemical Journal</i> , 2016, 10, 144-150.	0.2	6
21	Effects of Transient Restraint Stress on the Plasticity of the Cortical Areas of the Brain and Cognitive Functions in Adult Rats with Normal and Disturbed Embryogenesis. <i>Neuroscience and Behavioral Physiology</i> , 2015, 45, 643-647.	0.2	1
22	Role of caspase-3 in development of neuronal plasticity and memory. <i>SpringerPlus</i> , 2015, 4, .	1.2	1
23	The Ability of NMDA-Type Glutamate Receptor Blockers to Prevent the Development of Pentylentetrazole Kindling and Morphological Changes to Pyramidal Neurons in the Mouse Hippocampus. <i>Neuroscience and Behavioral Physiology</i> , 2015, 45, 528-535.	0.2	5
24	Effects of ageing and experimental diabetes on insulin-degrading enzyme expression in male rat tissues. <i>Biogerontology</i> , 2015, 16, 473-484.	2.0	32
25	N-methyl-D-aspartate receptor channel blockers prevent pentylentetrazole-induced convulsions and morphological changes in rat brain neurons. <i>Journal of Neuroscience Research</i> , 2015, 93, 454-465.	1.3	50
26	Morphofunctional changes in field CA1 of the rat hippocampus after pentylentetrazole and lithium-pilocarpine induced seizures. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2014, 50, 531-538.	0.2	10
27	Epigenetic and pharmacological regulation of the amyloid-degrading enzyme neprilysin results in modulation of cognitive functions in mammals. <i>Doklady Biological Sciences</i> , 2011, 438, 145-148.	0.2	14
28	Study of distribution of the spine apparatus protein synaptopodin in cortical brain parts of rats exposed to hypoxia at different periods of embryogenesis. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2010, 46, 518-523.	0.2	2
29	Formation of the structural and ultrastructural organization of the striatum in early postnatal ontogenesis of rats in altered conditions of embryonic development. <i>Neuroscience and Behavioral Physiology</i> , 2006, 36, 473-478.	0.2	7