

Natalia V Gulyaeva

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

984
citations

430754

18
h-index

477173

29
g-index

54
all docs

54
docs citations

54
times ranked

1167
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic morphine intoxication reduces binding of HuD to BDNF long 3' UTR, while morphine withdrawal stimulates BDNF expression in the frontal cortex of male Wistar rats. <i>International Journal of Neuroscience</i> , 2022, 132, 283-295.	0.8	2
2	Increased ciliary neurotrophic factor in blood serum and lacrimal fluid as a potential biomarkers of focal epilepsy. <i>Neurological Sciences</i> , 2022, 43, 493-498.	0.9	7
3	Neuroinflammatory Cytokine Response, Neuronal Death, and Microglial Proliferation in the Hippocampus of Rats During the Early Period After Lateral Fluid Percussion-Induced Traumatic Injury of the Neocortex. <i>Molecular Neurobiology</i> , 2022, 59, 1151-1167.	1.9	9
4	Early Life Events and Maturation of the Dentate Gyrus: Implications for Neurons and Glial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4261.	1.8	9
5	7,8-DHF enhances SHH in the hippocampus and striatum during early abstinence but has minor effects on alcohol intake in IA2BC paradigm and abstinence-related anxiety-like behavior in rats. <i>Neuroscience Letters</i> , 2022, 781, 136671.	1.0	2
6	Brain Trauma, Glucocorticoids and Neuroinflammation: Dangerous Liaisons for the Hippocampus. <i>Biomedicines</i> , 2022, 10, 1139.	1.4	10
7	Drinking Pattern in Intermittent Access Two-Bottle-Choice Paradigm in Male Wistar Rats Is Associated with Exon-Specific BDNF Expression in the Hippocampus During Early Abstinence. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 262-275.	1.1	4
8	Hippocampal hyperglutamatergic signaling matters: Early targeting glutamate neurotransmission as a preventive strategy in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2021, 156, 399-402.	2.1	8
9	Glucocorticoid-mediated mechanisms of hippocampal damage: Contribution of subgranular neurogenesis. <i>Journal of Neurochemistry</i> , 2021, 157, 370-392.	2.1	28
10	Neonatal proinflammatory challenge evokes a microglial response and affects the ratio between subtypes of GABAergic interneurons in the hippocampus of juvenile rats: sex-dependent and sex-independent effects. <i>Brain Structure and Function</i> , 2021, 226, 563-574.	1.2	5
11	Glucocorticoids: Dr. Jekyll and Mr. Hyde of Hippocampal Neuroinflammation. <i>Biochemistry (Moscow)</i> , 2021, 86, 156-167.	0.7	29
12	Differential early effects of traumatic brain injury on spike-wave discharges in Sprague-Dawley rats. <i>Neuroscience Research</i> , 2021, 166, 42-54.	1.0	8
13	Changes in Gene Expression and Neuroinflammation in the Hippocampus after Focal Brain Ischemia: Involvement in the Long-Term Cognitive and Mental Disorders. <i>Biochemistry (Moscow)</i> , 2021, 86, 657-666.	0.7	10
14	Stress-Associated Molecular and Cellular Hippocampal Mechanisms Common for Epilepsy and Comorbid Depressive Disorders. <i>Biochemistry (Moscow)</i> , 2021, 86, 641-656.	0.7	20
15	Neuroinflammation and Neuronal Loss in the Hippocampus Are Associated with Immediate Posttraumatic Seizures and Corticosterone Elevation in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5883.	1.8	17
16	Neonatal Proinflammatory Stress and Expression of Neuroinflammation-Associated Genes in the Rat Hippocampus. <i>Biochemistry (Moscow)</i> , 2021, 86, 693-703.	0.7	2
17	Expression of the hippocampal PTCH during early abstinence is associated with drinking patterns in a rat model of voluntary alcohol intake. <i>NeuroReport</i> , 2021, 32, 757-761.	0.6	1
18	Does the inability of CA1 area to respond to ischemia with early rapid adenosine release contribute to hippocampal vulnerability?. <i>Journal of Neurochemistry</i> , 2021, 159, 800-803.	2.1	1

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19	Brain-derived neurotrophic factor in blood serum and lacrimal fluid of patients with focal epilepsy. <i>Epilepsy Research</i> , 2021, 176, 106707.	0.8	5
20	Identifying the Involvement of Pro-Inflammatory Signal in Hippocampal Gene Expression Changes after Experimental Ischemia: Transcriptome-Wide Analysis. <i>Biomedicines</i> , 2021, 9, 1840.	1.4	4
21	Ischemic Stroke, Glucocorticoids, and Remote Hippocampal Damage: A Translational Outlook and Implications for Modeling. <i>Frontiers in Neuroscience</i> , 2021, 15, 781964.	1.4	18
22	A Comparative Study of Koizumi and Longa Methods of Intraluminal Filament Middle Cerebral Artery Occlusion in Rats: Early Corticosterone and Inflammatory Response in the Hippocampus and Frontal Cortex. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13544.	1.8	15
23	A Translational Study on Acute Traumatic Brain Injury: High Incidence of Epileptiform Activity on Human and Rat Electrocorticograms and Histological Correlates in Rats. <i>Brain Sciences</i> , 2020, 10, 570.	1.1	11
24	Cholinergic Deficit Induced by Central Administration of 192IgG-Saporin Is Associated With Activation of Microglia and Cell Loss in the Dorsal Hippocampus of Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 146.	1.4	21
25	Acute stress response to a cognitive task in patients with major depressive disorder: potential metabolic and proinflammatory biomarkers. <i>Metabolic Brain Disease</i> , 2019, 34, 621-629.	1.4	21
26	Functional Neurochemistry of the Ventral and Dorsal Hippocampus: Stress, Depression, Dementia and Remote Hippocampal Damage. <i>Neurochemical Research</i> , 2019, 44, 1306-1322.	1.6	102
27	Deficit of Long-Term Potentiation Induction, but Not Maintenance, in the Juvenile Hippocampus after Neonatal Proinflammatory Stress. <i>Developmental Neuroscience</i> , 2019, 41, 318-326.	1.0	1
28	Specific Activity Features in the Forced Swim Test: Brain Neurotrophins and Development of Stress-induced Depressive-like Behavior in Rats. <i>Neuroscience</i> , 2018, 375, 49-61.	1.1	8
29	Brain-Derived Neurotrophic Factor in Patients with Primary Open-Angle Glaucoma and Age-related Cataract. <i>Current Eye Research</i> , 2018, 43, 224-231.	0.7	43
30	Hair cortisol as a marker of hypothalamic-pituitary-adrenal Axis activity in female patients with major depressive disorder. <i>Metabolic Brain Disease</i> , 2017, 32, 577-583.	1.4	56
31	Lentiviral Modulation of Wnt/ β -Catenin Signaling Affects In Vivo LTP. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 1227-1241.	1.7	12
32	Effects of cerebrolysin on nerve growth factor system in the aging rat brain. <i>Restorative Neurology and Neuroscience</i> , 2017, 35, 571-581.	0.4	16
33	Ciliary neurotrophic factor in patients with primary open-angle glaucoma and age-related cataract. <i>Molecular Vision</i> , 2017, 23, 799-809.	1.1	19
34	Effects of individual stressors used in a battery of "chronic unpredictable stress" on long-term plasticity in the hippocampus of juvenile rats. <i>Acta Neurobiologiae Experimentalis</i> , 2017, 77, 244-253.	0.4	1
35	Neonatal proinflammatory challenge in male Wistar rats: Effects on behavior, synaptic plasticity, and adrenocortical stress response. <i>Behavioural Brain Research</i> , 2016, 304, 1-10.	1.2	49
36	Chronic combined stress induces selective and long-lasting inflammatory response evoked by changes in corticosterone accumulation and signaling in rat hippocampus. <i>Metabolic Brain Disease</i> , 2016, 31, 445-454.	1.4	22

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37	Expression of BDNF and TrkB Phosphorylation in the Rat Frontal Cortex During Morphine Withdrawal are NO Dependent. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 839-849.	1.7	24
38	Behavior and the cholinergic parameters in olfactory bulbectomized female rodents: Difference between rats and mice. <i>Behavioural Brain Research</i> , 2016, 297, 5-14.	1.2	11
39	Anhedonia but not passive floating is an indicator of depressive-like behavior in two chronic stress paradigms. <i>Acta Neurobiologiae Experimentalis</i> , 2016, 76, 324-333.	0.4	25
40	Brain ischemia, endoplasmic reticulum stress, and astroglial activation: new insights. <i>Journal of Neurochemistry</i> , 2015, 132, 263-265.	2.1	12
41	Elevation of BDNF Exon I-Specific Transcripts in the Frontal Cortex and Midbrain of Rat During Spontaneous Morphine Withdrawal is Accompanied by Enhanced pCreb1 Occupancy at the Corresponding Promoter. <i>Neurochemical Research</i> , 2015, 40, 130-138.	1.6	13
42	Lentiviral-mediated overexpression of nerve growth factor (NGF) prevents beta-amyloid [25 ⁺ 35]-induced long term potentiation (LTP) decline in the rat hippocampus. <i>Brain Research</i> , 2015, 1624, 398-404.	1.1	17
43	Rodent Models of Depression: Neurotrophic and Neuroinflammatory Biomarkers. <i>BioMed Research International</i> , 2014, 2014, 1-20.	0.9	130
44	Transient disturbances in contextual fear memory induced by A β ²⁵⁻³⁵ in rats are accompanied by cholinergic dysfunction. <i>Behavioural Brain Research</i> , 2014, 259, 152-157.	1.2	19
45	A single pentylentetrazole-induced clonic-tonic seizure episode is accompanied by a slowly developing cognitive decline in rats. <i>Epilepsy and Behavior</i> , 2013, 26, 196-202.	0.9	28
46	A β ²⁵⁻³⁵ as proxyholder for amyloidogenic peptides: In vivo evidence. <i>Experimental Neurology</i> , 2010, 222, 6-9.	2.0	20
47	Caspase activity is essential for long-term potentiation. <i>Journal of Neuroscience Research</i> , 2003, 73, 853-864.	1.3	61
48	Tongue protrusion: a simple test for neurological recovery in rats following focal cerebral ischemia. <i>Journal of Neuroscience Methods</i> , 2003, 125, 183-193.	1.3	19
49	Postresuscitation changes in brain free radical-mediated processes and nitric oxide synthase activity in rats: effects of individual behavior in "emotional resonance" test. <i>Neurochemical Research</i> , 1997, 22, 743-752.	1.6	2
50	Biphenyl scaffold for the design of NMDA-receptor negative modulators: molecular modeling, synthesis, and biological activity. <i>RSC Medicinal Chemistry</i> , 0, , .	1.7	3