Natalia V Gulyaeva

List of Publications by Year
in descending order

50	984	430874	477307
papers	citations	18 h-index	29 g-index

54	54	54	1167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chronic morphine intoxication reduces binding of HuD to BDNF long 3â€²-UTR, while morphine withdrawal stimulates BDNF expression in the frontal cortex of male Wistar rats. International Journal of Neuroscience, 2022, 132, 283-295.	1.6	2
2	Increased ciliary neurotrophic factor in blood serum and lacrimal fluid as a potential biomarkers of focal epilepsy. Neurological Sciences, 2022, 43, 493-498.	1.9	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. Molecular Neurobiology, 2022, 59, 1151-1167.	4.0	9
4	Early Life Events and Maturation of the Dentate Gyrus: Implications for Neurons and Glial Cells. International Journal of Molecular Sciences, 2022, 23, 4261.	4.1	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. Neuroscience Letters, 2022, 781, 136671.	2.1	2
6	Brain Trauma, Glucocorticoids and Neuroinflammation: Dangerous Liaisons for the Hippocampus. Biomedicines, 2022, 10, 1139.	3.2	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. Journal of Molecular Neuroscience, 2021, 71, 262-275.	2.3	4
8	Hippocampal hyperglutamatergic signaling matters: Early targeting glutamate neurotransmission as a preventive strategy in Alzheimer's disease. Journal of Neurochemistry, 2021, 156, 399-402.	3.9	8
9	Glucocorticoidâ€mediated mechanisms of hippocampal damage: Contribution of subgranular neurogenesis. Journal of Neurochemistry, 2021, 157, 370-392.	3.9	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. Brain Structure and Function, 2021, 226, 563-574.	2.3	5
11	Glucocorticoids: Dr. Jekyll and Mr. Hyde of Hippocampal Neuroinflammation. Biochemistry (Moscow), 2021, 86, 156-167.	1.5	29
12	Differential early effects of traumatic brain injury on spike-wave discharges in Sprague-Dawley rats. Neuroscience Research, 2021, 166, 42-54.	1.9	8
13	Changes in Gene Expression and Neuroinflammation in the Hippocampus after Focal Brain Ischemia: Involvement in the Long-Term Cognitive and Mental Disorders. Biochemistry (Moscow), 2021, 86, 657-666.	1.5	10
14	Stress-Associated Molecular and Cellular Hippocampal Mechanisms Common for Epilepsy and Comorbid Depressive Disorders. Biochemistry (Moscow), 2021, 86, 641-656.	1.5	20
15	Neuroinflammation and Neuronal Loss in the Hippocampus Are Associated with Immediate Posttraumatic Seizures and Corticosterone Elevation in Rats. International Journal of Molecular Sciences, 2021, 22, 5883.	4.1	17
16	Neonatal Proinflammatory Stress and Expression of Neuroinflammation-Associated Genes in the Rat Hippocampus. Biochemistry (Moscow), 2021, 86, 693-703.	1.5	2
17	Expression of the hippocampal PTCH during early abstinence is associated with drinking patterns in a rat model of voluntary alcohol intake. NeuroReport, 2021, 32, 757-761.	1.2	1
18	Does the inability of CA1 area to respond to ischemia with early rapid adenosine release contribute to hippocampal vulnerability?. Journal of Neurochemistry, 2021, 159, 800-803.	3.9	1

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19	Brain-derived neurotrophic factor in blood serum and lacrimal fluid of patients with focal epilepsy. Epilepsy Research, 2021, 176, 106707.	1.6	5
20	Identifying the Involvement of Pro-Inflammatory Signal in Hippocampal Gene Expression Changes after Experimental Ischemia: Transcriptome-Wide Analysis. Biomedicines, 2021, 9, 1840.	3.2	4
21	Ischemic Stroke, Glucocorticoids, and Remote Hippocampal Damage: A Translational Outlook and Implications for Modeling. Frontiers in Neuroscience, 2021, 15, 781964.	2.8	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. International Journal of Molecular Sciences, 2021, 22, 13544.	4.1	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. Brain Sciences, 2020, 10, 570.	2.3	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. Frontiers in Neuroscience, 2019, 13, 146.	2.8	21
25	Acute stress response to a cognitive task in patients with major depressive disorder: potential metabolic and proinflammatory biomarkers. Metabolic Brain Disease, 2019, 34, 621-629.	2.9	21
26	Functional Neurochemistry of the Ventral and Dorsal Hippocampus: Stress, Depression, Dementia and Remote Hippocampal Damage. Neurochemical Research, 2019, 44, 1306-1322.	3.3	102
27	Deficit of Long-Term Potentiation Induction, but Not Maintenance, in the Juvenile Hippocampus after Neonatal Proinflammatory Stress. Developmental Neuroscience, 2019, 41, 318-326.	2.0	1
28	Specific Activity Features in the Forced Swim Test: Brain Neurotrophins and Development of Stress-induced Depressive-like Behavior in Rats. Neuroscience, 2018, 375, 49-61.	2.3	8
29	Brain-Derived Neurotrophic Factor in Patients with Primary Open-Angle Glaucoma and Age-related Cataract. Current Eye Research, 2018, 43, 224-231.	1.5	43
30	Hair cortisol as a marker of hypothalamic-pituitary-adrenal Axis activity in female patients with major depressive disorder. Metabolic Brain Disease, 2017, 32, 577-583.	2.9	56
31	Lentiviral Modulation of Wnt/Î²-Catenin Signaling Affects In Vivo LTP. Cellular and Molecular Neurobiology, 2017, 37, 1227-1241.	3.3	12
32	Effects of cerebrolysin on nerve growth factor system in the aging rat brain. Restorative Neurology and Neuroscience, 2017, 35, 571-581.	0.7	16
33	Ciliary neurotrophic factor in patients with primary open-angle glaucoma and age-related cataract. Molecular Vision, 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. Acta Neurobiologiae Experimentalis, 2017, 77, 244-253.	0.7	1
35	Neonatal proinflammatory challenge in male Wistar rats: Effects on behavior, synaptic plasticity, and adrenocortical stress response. Behavioural Brain Research, 2016, 304, 1-10.	2.2	49
36	Chronic combined stress induces selective and long-lasting inflammatory response evoked by changes in corticosterone accumulation and signaling in rat hippocampus. Metabolic Brain Disease, 2016, 31, 445-454.	2.9	22

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37	Expression of BDNF and TrkB Phosphorylation in the Rat Frontal Cortex During Morphine Withdrawal are NO Dependent. Cellular and Molecular Neurobiology, 2016, 36, 839-849.	3.3	24
38	Behavior and the cholinergic parameters in olfactory bulbectomized female rodents: Difference between rats and mice. Behavioural Brain Research, 2016, 297, 5-14.	2.2	11
39	Anhedonia but not passive floating is an indicator of depressiveâ€‘like behavior in two chronic stress paradigms. Acta Neurobiologiae Experimentalis, 2016, 76, 324-333.	0.7	25
40	Brain ischemia, endoplasmic reticulum stress, and astroglial activation: new insights. Journal of Neurochemistry, 2015, 132, 263-265.	3.9	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. Neurochemical Research, 2015, 40, 130-138.	3.3	13
42	Lentiviral-mediated overexpression of nerve growth factor (NGF) prevents beta-amyloid [25â€“35]-induced long term potentiation (LTP) decline in the rat hippocampus. Brain Research, 2015, 1624, 398-404.	2.2	17
43	Rodent Models of Depression: Neurotrophic and Neuroinflammatory Biomarkers. BioMed Research International, 2014, 2014, 1-20.	1.9	130
44	Transient disturbances in contextual fear memory induced by AÎ²(25â€“35) in rats are accompanied by cholinergic dysfunction. Behavioural Brain Research, 2014, 259, 152-157.	2.2	19
45	A single pentylenetetrazole-induced clonic-tonic seizure episode is accompanied by a slowly developing cognitive decline in rats. Epilepsy and Behavior, 2013, 26, 196-202.	1.7	28
46	AÎ²(25â€“35) as proxyholder for amyloidogenic peptides: In vivo evidence. Experimental Neurology, 2010, 222, 6-9.	4.1	20
47	Caspase activity is essential for long-term potentiation. Journal of Neuroscience Research, 2003, 73, 853-864.	2.9	61
48	Tongue protrusion: a simple test for neurological recovery in rats following focal cerebral ischemia. Journal of Neuroscience Methods, 2003, 125, 183-193.	2.5	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. Neurochemical Research, 1997, 22, 743-752.	3.3	2
50	Biphenyl scaffold for the design of NMDA-receptor negative modulators: molecular modeling, synthesis, and biological activity. RSC Medicinal Chemistry, 0, , .	3.9	3