

Nataliya G Pozdnyakova

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

283
citations

932766

10
h-index

887659

17
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20
all docs

20
docs citations

20
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	The ability of carbon nanoparticles to increase transmembrane current of cations coincides with impaired synaptic neurotransmission. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183817.	1.4	5
2	A comparative study of wood sawdust and plastic smoke particulate matter with a focus on spectroscopic, fluorescent, oxidative, and neuroactive properties. <i>Environmental Science and Pollution Research</i> , 2022, 29, 38315-38330.	2.7	8
3	Amphiphilic anti-SARS-CoV-2 drug remdesivir incorporates into the lipid bilayer and nerve terminal membranes influencing excitatory and inhibitory neurotransmission. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183945.	1.4	5
4	Neuromodulation by selective angiotensin-converting enzyme 2 inhibitors. <i>Neuroscience</i> , 2022, 498, 155-173.	1.1	2
5	Unique features of brain metastases-targeted AGuiX nanoparticles vs their constituents: A focus on glutamate-/GABA-ergic neurotransmission in cortex nerve terminals. <i>Food and Chemical Toxicology</i> , 2021, 149, 112004.	1.8	7
6	GABAA receptor agonist cinazepam and its active metabolite 3-hydroxyphenazepam act differently at the presynaptic site. <i>European Neuropsychopharmacology</i> , 2021, 45, 39-51.	0.3	4
7	Carbon-Containing Nanoparticles From Grass: Green Synthesis, Optical, Spectroscopic, Oxidative Properties And Neurotropic Action In Brain Nerve Terminals. , 2021, , .		1
8	Essential variables for air quality estimation. <i>International Journal of Digital Earth</i> , 2020, 13, 278-298.	1.6	17
9	Inhibition of sigma-1 receptors substantially modulates GABA and glutamate transport in presynaptic nerve terminals. <i>Experimental Neurology</i> , 2020, 333, 113434.	2.0	14
10	Plastic smoke aerosol: Nano-sized particle distribution, absorption/fluorescent properties, dysregulation of oxidative processes and synaptic transmission in rat brain nerve terminals. <i>Environmental Pollution</i> , 2020, 263, 114502.	3.7	23
11	Age-Dependency of Levetiracetam Effects on Exocytotic GABA Release from Nerve Terminals in the Hippocampus and Cortex in Norm and After Perinatal Hypoxia. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 701-714.	1.7	9
12	Vitamin D3 deficiency in puberty rats causes presynaptic malfunctioning through alterations in exocytotic release and uptake of glutamate/GABA and expression of EAAC-1/GAT-3 transporters. <i>Food and Chemical Toxicology</i> , 2019, 123, 142-150.	1.8	33
13	Comparative Analysis of Neurotoxic Potential of Synthesized, Native, and Physiological Nanoparticles. <i>Neuromethods</i> , 2018, , 203-227.	0.2	4
14	Harmful impact on presynaptic glutamate and GABA transport by carbon dots synthesized from sulfur-containing carbohydrate precursor. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17688-17700.	2.7	18
15	Consequences of perinatal hypoxia in developing brain: Changes in GABA transporter functioning in cortical, hippocampal and thalamic rat nerve terminals. <i>International Journal of Developmental Neuroscience</i> , 2017, 63, 1-7.	0.7	12
16	Effects of surface functionalization of hydrophilic NaYF4 nanocrystals doped with Eu3+ on glutamate and GABA transport in brain synaptosomes. <i>Journal of Nanoparticle Research</i> , 2017, 19, 275.	0.8	8
17	Enrichment of Inorganic Martian Dust Simulant with Carbon Component can Provoke Neurotoxicity. <i>Microgravity Science and Technology</i> , 2017, 29, 133-144.	0.7	10
18	Neuroactivity of detonation nanodiamonds: dose-dependent changes in transporter-mediated uptake and ambient level of excitatory/inhibitory neurotransmitters in brain nerve terminals. <i>Journal of Nanobiotechnology</i> , 2016, 14, 25.	4.2	30

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19	Neuromodulatory properties of fluorescent carbon dots: Effect on exocytotic release, uptake and ambient level of glutamate and GABA in brain nerve terminals. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 59, 203-215.	1.2	48
20	Perinatal hypoxia: different effects of the inhibitors of GABA transporters GAT1 and GAT3 on the initial velocity of [3H]GABA uptake by cortical, hippocampal, and thalamic nerve terminals. <i>Croatian Medical Journal</i> , 2014, 55, 250-258.	0.2	25