Nataliya G Pozdnyakova

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2357344/publications.pdf

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20	283	932766 10	887659 17
papers	citations	h-index	g-index

20	20	20	208
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neuromodulatory properties of fluorescent carbon dots: Effect on exocytotic release, uptake and ambient level of glutamate and GABA in brain nerve terminals. International Journal of Biochemistry and Cell Biology, 2015, 59, 203-215.	1.2	48
2	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. Food and Chemical Toxicology, 2019, 123, 142-150.	1.8	33
3	Neuroactivity of detonation nanodiamonds: dose-dependent changes in transporter-mediated uptake and ambient level of excitatory/inhibitory neurotransmitters in brain nerve terminals. Journal of Nanobiotechnology, 2016, 14, 25.	4.2	30
4	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. Croatian Medical Journal, 2014, 55, 250-258.	0.2	25
5	Plastic smoke aerosol: Nano-sized particle distribution, absorption/fluorescent properties, dysregulation of oxidative processes and synaptic transmission in rat brain nerve terminals. Environmental Pollution, 2020, 263, 114502.	3.7	23
6	Harmful impact on presynaptic glutamate and GABA transport by carbon dots synthesized from sulfur-containing carbohydrate precursor. Environmental Science and Pollution Research, 2017, 24, 17688-17700.	2.7	18
7	Essential variables for air quality estimation. International Journal of Digital Earth, 2020, 13, 278-298.	1.6	17
8	Inhibition of sigma-1 receptors substantially modulates GABA and glutamate transport in presynaptic nerve terminals. Experimental Neurology, 2020, 333, 113434.	2.0	14
9	Consequences of perinatal hypoxia in developing brain: Changes in GABA transporter functioning in cortical, hippocampal and thalamic rat nerve terminals. International Journal of Developmental Neuroscience, 2017, 63, 1-7.	0.7	12
10	Enrichment of Inorganic Martian Dust Simulant with Carbon Component can Provoke Neurotoxicity. Microgravity Science and Technology, 2017, 29, 133-144.	0.7	10
11	Age-Dependency of Levetiracetam Effects on Exocytotic GABA Release from Nerve Terminals in the Hippocampus and Cortex in Norm and After Perinatal Hypoxia. Cellular and Molecular Neurobiology, 2019, 39, 701-714.	1.7	9
12	Effects of surface functionalization of hydrophilic NaYF4 nanocrystals doped with Eu3+ on glutamate and GABA transport in brain synaptosomes. Journal of Nanoparticle Research, 2017, 19, 275.	0.8	8
13	A comparative study of wood sawdust and plastic smoke particulate matter with a focus on spectroscopic, fluorescent, oxidative, and neuroactive properties. Environmental Science and Pollution Research, 2022, 29, 38315-38330.	2.7	8
14	Unique features of brain metastases-targeted AGuIX nanoparticles vs their constituents: A focus on glutamate-/GABA-ergic neurotransmission in cortex nerve terminals. Food and Chemical Toxicology, 2021, 149, 112004.	1.8	7
15	The ability of carbon nanoparticles to increase transmembrane current of cations coincides with impaired synaptic neurotransmission. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183817.	1.4	5
16	Amphiphilic anti-SARS-CoV-2 drug remdesivir incorporates into the lipid bilayer and nerve terminal membranes influencing excitatory and inhibitory neurotransmission. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183945.	1.4	5
17	Comparative Analysis of Neurotoxic Potential of Synthesized, Native, and Physiological Nanoparticles. Neuromethods, 2018, , 203-227.	0.2	4
18	GABAA receptor agonist cinazepam and its active metabolite 3-hydroxyphenazepam act differently at the presynaptic site. European Neuropsychopharmacology, 2021, 45, 39-51.	0.3	4

#	Article	IF	Citations
19	Neuromodulation by selective angiotensin-converting enzyme 2 inhibitors. Neuroscience, 2022, 498, 155-173.	1.1	2
20	Carbon-Containing Nanoparticles From Grass: Green Synthesis, Optical, Spectrospopic, Oxidative Properties And Neurotropic Action In Brain Nerve Terminals. , 2021, , .		1