Sergei G Gaidin

List of Publications by Year
in descending order

16	232	1162889 8	996849 15
papers	citations	h-index	g-index

19	19	19	157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The selective BDNF overexpression in neurons protects neuroglial networks against OGD and glutamate-induced excitotoxicity. International Journal of Neuroscience, 2020, 130, 363-383.	0.8	37
2	Taxifolin protects neurons against ischemic injury in vitro via the activation of antioxidant systems and signal transduction pathways of GABAergic neurons. Molecular and Cellular Neurosciences, 2019, 96, 10-24.	1.0	34
3	Cytokine IL-10, activators of PI3-kinase, agonists of Î±-2 adrenoreceptor and antioxidants prevent ischemia-induced cell death in rat hippocampal cultures. Archives of Biochemistry and Biophysics, 2017, 615, 35-43.	1.4	28
4	Activation of alphaâ€2 adrenergic receptors stimulates GABA release by astrocytes. Glia, 2020, 68, 1114-1130.	2.5	28
5	Domoic acid suppresses hyperexcitation in the network due to activation of kainate receptors of GABAergic neurons. Archives of Biochemistry and Biophysics, 2019, 671, 52-61.	1.4	19
6	Flavonoids determine the rate of fibrillogenesis and structure of collagen type I fibrils in vitro. International Journal of Biological Macromolecules, 2017, 104, 631-637.	3.6	15
7	Calcium-Binding Proteins Protect GABAergic Neurons of the Hippocampus from Hypoxia and Ischemia in vitro. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2018, 12, 74-84.	0.3	12
8	Fast changes of NMDA and AMPA receptor activity under acute hyperammonemia in vitro. Neuroscience Letters, 2018, 686, 80-86.	1.0	12
9	Epileptiform activity promotes decreasing of Ca2+ conductivity of NMDARs, AMPARs, KARs, and voltage-gated calcium channels in Mg2+-free model. Epilepsy Research, 2019, 158, 106224.	0.8	11
10	Role of L-Type Voltage-Gated Calcium Channels in Epileptiform Activity of Neurons. International Journal of Molecular Sciences, 2021, 22, 10342.	1.8	10
11	Potential mechanism of GABA secretion in response to the activation of GluK1-containing kainate receptors. Neuroscience Research, 2021, 171, 27-33.	1.0	7
12	Inhibition of spontaneous synchronous activity of hippocampal neurons by excitation of GABAergic neurons. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2017, 11, 261-274.	0.3	6
13	Mechanisms of ammonium-induced neurotoxicity. Neuroprotective effect of alpha-2 adrenergic agonists. Archives of Biochemistry and Biophysics, 2020, 693, 108593.	1.4	6
14	Properties of GABAergic Neurons Containing Calcium-Permeable Kainate and AMPA-Receptors. Life, 2021, 11, 1309.	1.1	4
15	The Influence of Simple Phenols on Collagen Type I Fibrillogenesis in vitro. Biophysics (Russian) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	1
16	mRNA editing of kainate receptor subunits: what do we know so far?. Reviews in the Neurosciences, 2022, 33, 641-655.	1.4	1