

Alexey Rossokhin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

198
citations

8
h-index

13
g-index

20
ext. papers

222
ext. citations

3.4
avg, IF

2.59
L-index

#	Paper	IF	Citations
20	Synthesis and Evaluation of Avermectin[imidazo[1,2-a]pyridine Hybrids as Potent GABAA Receptor Modulators. <i>Bioorganic Chemistry</i> , 2022 , 105904	5.1	0
19	Structural pharmacology of GABA α receptors. <i>Annals of Clinical and Experimental Neurology</i> , 2021 , 15, 44-53		0
18	The general anesthetic etomidate and fenamate mefenamic acid oppositely affect GABAR and GlyR: a structural explanation. <i>European Biophysics Journal</i> , 2020 , 49, 591-607	1.9	1
17	Development of 1,3-thiazole analogues of imidazopyridines as potent positive allosteric modulators of GABA receptors. <i>Bioorganic Chemistry</i> , 2020 , 94, 103334	5.1	5
16	The mechanisms of potentiation and inhibition of GABA receptors by non-steroidal anti-inflammatory drugs, mefenamic and niflumic acids. <i>Neuropharmacology</i> , 2019 , 160, 107795	5.5	3
15	Homology modeling of the transmembrane domain of the GABAA receptor. <i>Biophysics (Russian Federation)</i> , 2017 , 62, 708-716	0.7	6
14	Side chain flexibility and the pore dimensions in the GABAA receptor. <i>Journal of Computer-Aided Molecular Design</i> , 2016 , 30, 559-67	4.2	7
13	Genetic studies of Russian patients with amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2015 , 17, 135-41	3.6	6
12	Block of GABA(A) receptor ion channel by penicillin: electrophysiological and modeling insights toward the mechanism. <i>Molecular and Cellular Neurosciences</i> , 2014 , 63, 72-82	4.8	15
11	SOD1 gene mutations in patients with amyotrophic lateral sclerosis: Potential of method of molecular modeling. <i>Molecular Biology</i> , 2013 , 47, 751-757	1.2	3
10	Why does the inner-helix mutation A413C double the stoichiometry of Kv1.3 channel block by emopamil but not by verapamil?. <i>Molecular Pharmacology</i> , 2011 , 79, 681-91	4.3	10
9	The binding of donepezil with external mouth of K ⁺ -channels of molluscan neurons. <i>Cellular and Molecular Neurobiology</i> , 2009 , 29, 219-24	4.6	4
8	Interaction of d-tubocurarine with potassium channels: molecular modeling and ligand binding. <i>Molecular Pharmacology</i> , 2006 , 69, 1356-65	4.3	18
7	Associative mossy fibre LTP induced by pairing presynaptic stimulation with postsynaptic hyperpolarization of CA3 neurons in rat hippocampal slice. <i>European Journal of Neuroscience</i> , 2003 , 17, 1425-37	3.5	17
6	Quantal analysis suggests strong involvement of presynaptic mechanisms during the initial 3 h maintenance of long-term potentiation in rat hippocampal CA1 area in vitro. <i>Brain Research</i> , 2002 , 957, 61-75	3.7	26
5	Postsynaptic hyperpolarization increases the strength of AMPA-mediated synaptic transmission at large synapses between mossy fibers and CA3 pyramidal cells. <i>Neuropharmacology</i> , 2000 , 39, 2288-301	5.5	22
4	Intracellular studies of the interaction between paired-pulse facilitation and the delayed phase of long-term potentiation in the hippocampus. <i>Neuroscience and Behavioral Physiology</i> , 1999 , 29, 347-54	0.3	1

3	Long-term synaptic changes induced by intracellular tetanization of CA3 pyramidal neurons in hippocampal slices from juvenile rats. <i>Neuroscience</i> , 1999 , 93, 469-77	3.9	16
2	Interaction between paired-pulse facilitation and long-term potentiation of minimal excitatory postsynaptic potentials in rat hippocampal slices: a patch-clamp study. <i>Neuroscience</i> , 1998 , 85, 1-13	3.9	34
1	A mathematical model of neural information processing at the cellular level. <i>BioSystems</i> , 1997 , 40, 159-67.	4	4