

# Alexey Rossokhin

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

243  
citations

1039406

9  
h-index

996533

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

242  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.1	35
2	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.	1.1	28
3	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, 2288-2301.	2.0	24
4	Block of GABAA receptor ion channel by penicillin: Electrophysiological and modeling insights toward the mechanism. <i>Molecular and Cellular Neurosciences</i> , 2014, 63, 72-82.	1.0	20
5	Interaction of d-Tubocurarine with Potassium Channels: Molecular Modeling and Ligand Binding. <i>Molecular Pharmacology</i> , 2006, 69, 1356-1365.	1.0	19
6	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, 1425-1437.	1.2	18
7	Long-term synaptic changes induced by intracellular tetanization of CA3 pyramidal neurons in hippocampal slices from juvenile rats. <i>Neuroscience</i> , 1999, 93, 469-477.	1.1	16
8	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, 681-691.	1.0	14
9	Development of 1,3-thiazole analogues of imidazopyridines as potent positive allosteric modulators of GABAA receptors. <i>Bioorganic Chemistry</i> , 2020, 94, 103334.	2.0	12
10	Genetic studies of Russian patients with amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016, 17, 135-141.	1.1	11
11	Side chain flexibility and the pore dimensions in the GABAA receptor. <i>Journal of Computer-Aided Molecular Design</i> , 2016, 30, 559-567.	1.3	8
12	The mechanisms of potentiation and inhibition of GABAA receptors by non-steroidal anti-inflammatory drugs, mefenamic and niflumic acids. <i>Neuropharmacology</i> , 2019, 160, 107795.	2.0	8
13	Homology modeling of the transmembrane domain of the GABAA receptor. <i>Biophysics (Russian)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 0,2 7		
14	The general anesthetic etomidate and fenamate mefenamic acid oppositely affect GABAAR and GlyR: a structural explanation. <i>European Biophysics Journal</i> , 2020, 49, 591-607.	1.2	5
15	A mathematical model of neural information processing at the cellular level. <i>BioSystems</i> , 1997, 40, 159-167.	0.9	4
16	The Binding of Donepezil with External Mouth of K <sup>+</sup> -Channels of Molluscan Neurons. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 219-224.	1.7	4
17	SOD1 gene mutations in patients with amyotrophic lateral sclerosis: Potential of method of molecular modeling. <i>Molecular Biology</i> , 2013, 47, 751-757.	0.4	4
18	Synthesis and evaluation of avermectin-imidazo[1,2-a]pyridine hybrids as potent GABAA receptor modulators. <i>Bioorganic Chemistry</i> , 2022, 127, 105904.	2.0	4

#	ARTICLE	IF	CITATIONS
19	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, 347-354.	0.2	1
20	Structural pharmacology of GABA $\alpha$ receptors. <i>Annals of Clinical and Experimental Neurology</i> , 2021, 15, 44-53.	0.1	1