Oleksandr P Maximyuk

List of Publications by Year
in descending order

26	438	759055 12	794469 19
papers	citations	h-index	g-index

27	27	27	538
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hyperforin attenuates various ionic conductance mechanisms in the isolated hippocampal neurons of rat. Life Sciences, 1999, 65, 2395-2405.	2.0	58
2	Surface charge impact in low-magnesium model of seizure in rat hippocampus. Journal of Neurophysiology, 2012, 107, 417-423.	0.9	47
3	P2X3 receptor gating near normal body temperature. Pflugers Archiv European Journal of Physiology, 2008, 456, 339-347.	1.3	42
4	Acid-sensing ion channel 1a contributes to hippocampal LTP inducibility through multiple mechanisms. Scientific Reports, 2016, 6, 23350.	1.6	41
5	Novel Potent Orthosteric Antagonist of ASIC1a Prevents NMDAR-Dependent LTP Induction. Journal of Medicinal Chemistry, 2015, 58, 4449-4461.	2.9	39
6	Acid-Sensing Ion Channels: Focus on Physiological and Some Pathological Roles in the Brain. Current Neuropharmacology, 2021, 19, 1570-1589.	1.4	29
7	Intracellular Na+inhibits voltage-dependent N-type Ca2+channels by a G protein Î²Î³ subunit-dependent mechanism. Journal of Physiology, 2004, 556, 121-134.	1.3	27
8	Acid-sensing ion channels regulate spontaneous inhibitory activity in the hippocampus: possible implications for epilepsy. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150431.	1.8	26
9	Contribution of protease-activated receptor 1 in status epilepticus-induced epileptogenesis. Neurobiology of Disease, 2015, 78, 68-76.	2.1	23
10	Protein Kinase C Lambda Mediates Acid-Sensing Ion Channel 1a-Dependent Cortical Synaptic Plasticity and Pain Hypersensitivity. Journal of Neuroscience, 2019, 39, 5773-5793.	1.7	23
11	Bilirubin enhances the activity of ASIC channels to exacerbate neurotoxicity in neonatal hyperbilirubinemia in mice. Science Translational Medicine, 2020, 12, .	5.8	21
12	Plasma membrane poration by opioid neuropeptides: a possible mechanism of pathological signal transduction. Cell Death and Disease, 2015, 6, e1683-e1683.	2.7	13
13	Persistent sodium current properties in hippocampal CA1 pyramidal neurons of young and adult rats. Neuroscience Letters, 2014, 559, 30-33.	1.0	12
14	The putative cognitive enhancer KA-672. HCl is an uncompetitive voltage-dependent NMDA receptor antagonist. NeuroReport, 1998, 9, 4193-4197.	0.6	11
15	Neuraminidase Inhibition Primes Short-Term Depression and Suppresses Long-Term Potentiation of Synaptic Transmission in the Rat Hippocampus. Neural Plasticity, 2015, 2015, 1-10.	1.0	10
16	Distributed system for sampling and analysis of electroencephalograms. , 2017, , .		7
17	A new class of agonists and antagonists of N-methyl-D-aspartic acid receptors: Derivatives of imidazole-4,5- and pyrazole-3,4-dicarboxylic acids. Neuroscience and Behavioral Physiology, 2000, 30, 553-558.	0.2	3
18	Modelling of an autonomous Nav1.5 channel system as a part of in silico pharmacology study. Journal of Molecular Modeling, 2021, 27, 182.	0.8	3

#	Article	IF	Citations
19	Dependence of pharmacological activity of new NMDA agonists and antagonists on their chemical structure. Neurophysiology, 1999, 31, 147-149.	0.2	1
20	Increased temperature and acidosis effectively accelerate the recovery of P2X3 receptors from desensitization. Neurophysiology, 2007, 39, 330-331.	0.2	1
21	Mechanisms Underlying Positive Modulation of a Current through P-Type Calcium Channels in Purkinje Neurons by an Agonist of Opioid Receptors. Neurophysiology, 2016, 48, 230-237.	0.2	1
22	Analogs of a superacidic NMDA receptor agonist, N-phthalamoyl-L-glutamic acid (PhGA): Activity and mode of interaction with the receptor recognition site. Neurophysiology, 1999, 31, 295-303.	0.2	0
23	Mecamylamine inhibits seizure-like activity in CA1-CA3 hippocampus through antagonism to nicotinic receptors. PLoS ONE, 2021, 16, e0240074.	1.1	0
24	Development of New Openers of ATP-Sensitive Potassium Channels of the Cell Membranes. Nauka Ta Innovacii, 2016, 12, 38-48.	0.2	0
25	Design of New Openers of ATP-Sensitive Potassium Channels of the Cell Membranes. Science and Innovation, 2016, 12, 36-44.	0.2	0
26	Voltage-Gated Calcium Channels: Classification and Pharmacological Properties. International Journal of Physiology and Pathophysiology, 2018, 9, 85-97.	0.1	0