

Arpad Mike

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6748045/publications.pdf>

Version: 2024-02-01

39
papers

1,320
citations

393982

19
h-index

344852

36
g-index

45
all docs

45
docs citations

45
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-synaptic receptors and transporters involved in brain functions and targets of drug treatment. <i>British Journal of Pharmacology</i> , 2010, 160, 785-809.	2.7	151
2	Choline and acetylcholine have similar kinetic properties of activation and desensitization on the $\alpha 7$ nicotinic receptors in rat hippocampal neurons. <i>Brain Research</i> , 2000, 882, 155-168.	1.1	118
3	Comparison of 2D and 3D neural induction methods for the generation of neural progenitor cells from human induced pluripotent stem cells. <i>Stem Cell Research</i> , 2017, 25, 139-151.	0.3	95
4	Neuronal nicotinic receptors in synaptic functions in humans and rats: physiological and clinical relevance. <i>Behavioural Brain Research</i> , 2000, 113, 131-141.	1.2	87
5	2,3-Benzodiazepines (GYKI 52466 and Analogs): Negative Allosteric Modulators of AMPA Receptors. <i>CNS Neuroscience & Therapeutics</i> , 1996, 2, 91-126.	4.0	85
6	Direct Inhibitory Effect of Fluoxetine on N-Methyl-D-Aspartate Receptors in the Central Nervous System. <i>Biological Psychiatry</i> , 2007, 62, 1303-1309.	0.7	79
7	The Mechanism of Activity-Dependent Sodium Channel Inhibition by the Antidepressants Fluoxetine and Desipramine. <i>Molecular Pharmacology</i> , 2006, 70, 2052-2063.	1.0	64
8	Neurochemical Evidence of Heterogeneity of Presynaptic and Somatodendritic Nicotinic Acetylcholine Receptors. <i>Annals of the New York Academy of Sciences</i> , 1995, 757, 84-99.	1.8	62
9	GluN2B-containing NMDA receptors as possible targets for the neuroprotective and antidepressant effects of fluoxetine. <i>Neurochemistry International</i> , 2012, 60, 170-176.	1.9	59
10	Subtype-specificity of the presynaptic $\alpha 2$ -adrenoceptors modulating hippocampal norepinephrine release in rat. <i>Brain Research</i> , 1995, 674, 238-244.	1.1	49
11	Classification of Drugs Based on Properties of Sodium Channel Inhibition: A Comparative Automated Patch-Clamp Study. <i>PLoS ONE</i> , 2010, 5, e15568.	1.1	47
12	Fast- or Slow-inactivated State Preference of Na ⁺ Channel Inhibitors: A Simulation and Experimental Study. <i>PLoS Computational Biology</i> , 2010, 6, e1000818.	1.5	44
13	The Enigmatic Drug Binding Site for Sodium Channel Inhibitors. <i>Current Molecular Pharmacology</i> , 2010, 3, 129-144.	0.7	38
14	Nonsynaptic Receptors for GABA and Glutamate. <i>Current Topics in Medicinal Chemistry</i> , 2006, 6, 941-948.	1.0	32
15	First and second generation antipsychotics influence hippocampal gamma oscillations by interactions with 5-HT_3 and D_3 receptors. <i>British Journal of Pharmacology</i> , 2012, 167, 1480-1491.	2.7	32
16	Binding of sodium channel inhibitors to hyperpolarized and depolarized conformations of the channel. <i>Neuropharmacology</i> , 2011, 60, 191-200.	2.0	27
17	Ca ²⁺ -sensitive inhibition by Pb ²⁺ of $\alpha 7$ -containing nicotinic acetylcholine receptors in hippocampal neurons. <i>Brain Research</i> , 2000, 873, 112-123.	1.1	24
18	Rapid desensitization of the rat $\alpha 7$ nAChR is facilitated by the presence of a proline residue in the outer β -sheet. <i>Journal of Physiology</i> , 2010, 588, 4415-4429.	1.3	22

#	ARTICLE	IF	CITATIONS
19	Pb ²⁺ via Protein Kinase C Inhibits Nicotinic Cholinergic Modulation of Synaptic Transmission in the Hippocampus. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 700-710.	1.3	21
20	Mode of action of the positive modulator PNU-120596 on $\alpha 7$ nicotinic acetylcholine receptors. <i>Neuropharmacology</i> , 2014, 81, 42-54.	2.0	21
21	Kinetic properties and open probability of $\alpha 7$ nicotinic acetylcholine receptors. <i>Neuropharmacology</i> , 2014, 81, 101-115.	2.0	21
22	The Unusual State-Dependent Affinity of P2X3 Receptors Can Be Explained by an Allosteric Two-Open-State Model. <i>Molecular Pharmacology</i> , 2008, 73, 224-234.	1.0	18
23	Differential changes in presynaptic modulation of transmitter release during aging. <i>International Journal of Developmental Neuroscience</i> , 1994, 12, 107-115.	0.7	17
24	Non-blocking modulation contributes to sodium channel inhibition by a covalently attached photoreactive riluzole analog. <i>Scientific Reports</i> , 2018, 8, 8110.	1.6	16
25	Different pH-sensitivity patterns of 30 sodium channel inhibitors suggest chemically different pools along the access pathway. <i>Frontiers in Pharmacology</i> , 2015, 6, 210.	1.6	15
26	Converging Effects of Ginkgo biloba Extract at the Level of Transmitter Release, NMDA and Sodium Currents and Dendritic Spikes. <i>Planta Medica</i> , 2008, 74, 1235-1239.	0.7	12
27	Differential effect of nicotinic agonists on the [³ H]norepinephrine release from rat hippocampal slices. <i>Neurochemical Research</i> , 2001, 26, 943-950.	1.6	11
28	Evidence that GYKI 52466, a novel non-NMDA antagonist enhances the decay of kainate-induced current in cultured chicken cortical neurons. <i>Developmental Brain Research</i> , 1994, 77, 257-263.	2.1	8
29	Inhibitory effect of the DA uptake blocker GBR 12909 on sodium channels of hippocampal neurons. <i>NeuroReport</i> , 2003, 14, 1945-1949.	0.6	8
30	A novel modulatory mechanism of sodium currents: frequency-dependence without state-dependent binding. <i>Neuroscience</i> , 2004, 125, 1019-1028.	1.1	7
31	The mechanism of non-blocking inhibition of sodium channels revealed by conformation-selective photolabeling. <i>British Journal of Pharmacology</i> , 2021, 178, 1200-1217.	2.7	6
32	Non-NMDA receptor-mediated modulation of voltage-activated outward currents in chick neurones. <i>NeuroReport</i> , 1996, 7, 2613-2618.	0.6	4
33	The tricyclic antidepressant desipramine inhibited the neurotoxic, kainate-induced [Ca ²⁺] _i increases in CA1 pyramidal cells in acute hippocampal slices. <i>Brain Research Bulletin</i> , 2014, 104, 42-51.	1.4	3
34	Type I-like behavior of the type II $\alpha 7$ nicotinic acetylcholine receptor positive allosteric modulator A-867744. <i>PeerJ</i> , 2019, 7, e7542.	0.9	3
35	The Bradycardic Agent Ivabradine Acts as an Atypical Inhibitor of Voltage-Gated Sodium Channels. <i>Frontiers in Pharmacology</i> , 2022, 13, 809802.	1.6	3
36	Possible mechanisms of the effect of physostigmine on the facilitation of acetylcholine release in the guinea pig myenteric plexus. <i>Brain Research Bulletin</i> , 1994, 34, 441-445.	1.4	2

#	ARTICLE	IF	CITATIONS
37	Characterization of Compound-Specific, Concentration-Independent Biophysical Properties of Sodium Channel Inhibitor Mechanism of Action Using Automated Patch-Clamp Electrophysiology. <i>Frontiers in Pharmacology</i> , 2021, 12, 738460.	1.6	2
38	How Fast is Riluzole. <i>Biophysical Journal</i> , 2020, 118, 576a.	0.2	1
39	An Advanced Automated Patch Clamp Protocol Design to Investigate Drug-Ion Channel Binding Dynamics. <i>Frontiers in Pharmacology</i> , 2021, 12, 738260.	1.6	1