

JesÃ³s GarcÃ-a-Colunga

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Different Classes of Antidepressants Inhibit the Rat $\alpha 7$ Nicotinic Acetylcholine Receptor by Interacting within the Ion Channel: A Functional and Structural Study. <i>Molecules</i> , 2021, 26, 998.	3.8	8
2	Is the Antidepressant Activity of Selective Serotonin Reuptake Inhibitors Mediated by Nicotinic Acetylcholine Receptors?. <i>Molecules</i> , 2021, 26, 2149.	3.8	10
3	Selectivity of ($\alpha 3$)-citalopram at nicotinic acetylcholine receptors and different inhibitory mechanisms between habenular $\alpha 3^{24}$ * and $\alpha 9^{10}$ subtypes. <i>Neurochemistry International</i> , 2019, 131, 104552.	3.8	3
4	Tricyclic antidepressants inhibit hippocampal $\alpha 7$ * and $\alpha 9^{10}$ nicotinic acetylcholine receptors by different mechanisms. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 100, 1-10.	2.8	10
5	Effects of the antidepressant mirtazapine and zinc on nicotinic acetylcholine receptors. <i>Neuroscience Letters</i> , 2018, 665, 246-251.	2.1	3
6	Methylpiperidinium Iodides as Novel Antagonists for $\alpha 7$ Nicotinic Acetylcholine Receptors. <i>Frontiers in Pharmacology</i> , 2018, 9, 744.	3.5	5
7	SNPs in <i>NRXN1</i> and <i>CHRNA5</i> are associated to smoking and regulation of GABAergic and glutamatergic pathways. <i>Pharmacogenomics</i> , 2016, 17, 1145-1158.	1.3	24
8	Dual effects of a 2-benzylquinuclidinium derivative on $\alpha 7$ -containing nicotinic acetylcholine receptors in rat hippocampal interneurons. <i>Neuroscience Letters</i> , 2015, 607, 35-39.	2.1	9
9	Bupropion-induced inhibition of $\alpha 7$ nicotinic acetylcholine receptors expressed in heterologous cells and neurons from dorsal raphe nucleus and hippocampus. <i>European Journal of Pharmacology</i> , 2014, 740, 103-111.	3.5	22
10	Regional density of glial cells in the rat corpus callosum. <i>Biological Research</i> , 2013, 46, 27-32.	3.4	25
11	Nicotine Uses Neuron-Glia Communication to Enhance Hippocampal Synaptic Transmission and Long-term Memory. <i>PLoS ONE</i> , 2012, 7, e49998.	2.5	28
12	Interaction of bupropion and zinc with neuronal nicotinic acetylcholine receptors. <i>Neuropharmacology</i> , 2011, 61, 1202-1209.	4.1	9
13	Ion Currents Induced by ATP and Angiotensin II in Cultured Follicular Cells of <i>Xenopus laevis</i> . <i>Molecules and Cells</i> , 2011, 32, 397-404.	2.6	8
14	Current profiles of astrocytes from the corpus callosum of newborn and 28-day-old rats. <i>Neuroscience Letters</i> , 2010, 485, 189-193.	2.1	4
15	Effects of nicotine on K ⁺ currents and nicotinic receptors in astrocytes of the hippocampal CA1 region. <i>Neuropharmacology</i> , 2009, 56, 975-983.	4.1	16
16	Neuronal nicotinic acetylcholine receptors are modulated by zinc. <i>Neuropharmacology</i> , 2009, 56, 1035-1040.	4.1	13
17	Membrane currents elicited by angiotensin II in astrocytes from the rat corpus callosum. <i>Glia</i> , 2006, 53, 366-371.	4.9	8
18	Potassium currents in primary cultured astrocytes from the rat corpus callosum. <i>Journal of Neurocytology</i> , 2005, 34, 411-420.	1.5	14

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19	Zinc modulation of serotonin uptake in the adult rat corpus callosum. Journal of Neuroscience Research, 2005, 80, 145-149.	2.9	19
20	Combined actions of zinc and fluoxetine on nicotinic acetylcholine receptors. Pharmacogenomics Journal, 2004, 4, 388-393.	2.0	25
21	Uptake of serotonin by adult rat corpus callosum is partially reduced by common antidepressants. Journal of Neuroscience Research, 2003, 74, 97-102.	2.9	16
22	Inhibition of neuronal nicotinic acetylcholine receptors by La ³⁺ . European Journal of Pharmacology, 2002, 441, 15-21.	3.5	6
23	Effects of clomipramine on neuronal nicotinic acetylcholine receptors. European Journal of Pharmacology, 2002, 444, 13-19.	3.5	16
24	Modulation of $\alpha 2$ neuronal nicotinic acetylcholine receptors by zinc. NeuroReport, 2001, 12, 147-150.	1.2	20
25	Characteristics of glycine receptors expressed by embryonic rat brain mRNAs. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 2781-2785.	7.1	8
26	Modulation of nicotinic acetylcholine receptors by strychnine. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 4113-4118.	7.1	33
27	Blockage of Mouse Muscle Nicotinic Receptors by Serotonergic Compounds. Experimental Physiology, 1999, 84, 847-864.	2.0	23
28	BLOCKAGE OF MOUSE MUSCLE NICOTINIC RECEPTORS BY SEROTONERGIC COMPOUNDS. Experimental Physiology, 1999, 84, 847-864.	2.0	13
29	Opposite effects of lanthanum on different types of nicotinic acetylcholine receptors. NeuroReport, 1997, 8, 3293-3296.	1.2	12
30	Blockage of muscle and neuronal nicotinic acetylcholine receptors by fluoxetine (Prozac). Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 2041-2044.	7.1	136
31	Serotonergic modulation of muscle acetylcholine receptors of different subunit composition.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3990-3994.	7.1	29
32	Effects of serotonergic agents on neuronal nicotinic acetylcholine receptors.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 2919-2923.	7.1	59