JesÃºs GarcÃ-a-Colunga

List of Publications by Year
in descending order

32 papers	634 citations	623734 14 h-index	610901 24 g-index
32 all docs	32 docs citations	32 times ranked	635 citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	Nicotine Uses Neuron-Glia Communication to Enhance Hippocampal Synaptic Transmission and Long-term Memory. PLoS ONE, 2012, 7, e49998.	2.5	28
6	Combined actions of zinc and fluoxetine on nicotinic acetylcholine receptors. Pharmacogenomics Journal, 2004, 4, 388-393.	2.0	25
7	Regional density of glial cells in the rat corpus callosum. Biological Research, 2013, 46, 27-32.	3.4	25
8	SNPs in NRXN1 and CHRNA5 are associated to smoking and regulation of GABAergic and glutamatergic pathways. Pharmacogenomics, 2016, 17, 1145-1158.	1.3	24
9	Blockage of Mouse Muscle Nicotinic Receptors by Serotonergic Compounds. Experimental Physiology, 1999, 84, 847-864.	2.0	23
10	Bupropion-induced inhibition of Î±7 nicotinic acetylcholine receptors expressed in heterologous cells and neurons from dorsal raphe nucleus and hippocampus. European Journal of Pharmacology, 2014, 740, 103-111.	3.5	22
11	Modulation of Î±2Î²4 neuronal nicotinic acetylcholine receptors by zinc. NeuroReport, 2001, 12, 147-150.	1.2	20
12	Zinc modulation of serotonin uptake in the adult rat corpus callosum. Journal of Neuroscience Research, 2005, 80, 145-149.	2.9	19
13	Effects of clomipramine on neuronal nicotinic acetylcholine receptors. European Journal of Pharmacology, 2002, 444, 13-19.	3.5	16
14	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
15	Effects of nicotine on K+ currents and nicotinic receptors in astrocytes of the hippocampal CA1 region. Neuropharmacology, 2009, 56, 975-983.	4.1	16
16	Potassium currents in primary cultured astrocytes from the rat corpus callosum. Journal of Neurocytology, 2005, 34, 411-420.	1.5	14
17	Neuronal nicotinic acetylcholine receptors are modulated by zinc. Neuropharmacology, 2009, 56, 1035-1040.	4.1	13
18	BLOCKAGE OF MOUSE MUSCLE NICOTINIC RECEPTORS BY SEROTONERGIC COMPOUNDS. Experimental Physiology, 1999, 84, 847-864.	2.0	13

#	Article	IF	Citations
19	Opposite effects of lanthanum on different types of nicotinic acetylcholine receptors. NeuroReport, 1997, 8, 3293-3296.	1.2	12
20	Tricyclic antidepressants inhibit hippocampal Î±7* and Î±9Î±10 nicotinic acetylcholine receptors by different mechanisms. International Journal of Biochemistry and Cell Biology, 2018, 100, 1-10.	2.8	10
21	Is the Antidepressant Activity of Selective Serotonin Reuptake Inhibitors Mediated by Nicotinic Acetylcholine Receptors?. Molecules, 2021, 26, 2149.	3.8	10
22	Interaction of bupropion and zinc with neuronal nicotinic acetylcholine receptors. Neuropharmacology, 2011, 61, 1202-1209.	4.1	9
23	Dual effects of a 2-benzylquinuclidinium derivative on Î±7-containing nicotinic acetylcholine receptors in rat hippocampal interneurons. Neuroscience Letters, 2015, 607, 35-39.	2.1	9
24	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
25	Membrane currents elicited by angiotensin II in astrocytes from the rat corpus callosum. Glia, 2006, 53, 366-371.	4.9	8
26	Ion Currents Induced by ATP and Angiotensin II in Cultured Follicular Cells of Xenopus laevis. Molecules and Cells, 2011, 32, 397-404.	2.6	8
27	Different Classes of Antidepressants Inhibit the Rat Î±7 Nicotinic Acetylcholine Receptor by Interacting within the Ion Channel: A Functional and Structural Study. Molecules, 2021, 26, 998.	3.8	8
28	Inhibition of neuronal nicotinic acetylcholine receptors by La3+. European Journal of Pharmacology, 2002, 441, 15-21.	3.5	6
29	Methylpiperidinium Iodides as Novel Antagonists for Î±7 Nicotinic Acetylcholine Receptors. Frontiers in Pharmacology, 2018, 9, 744.	3.5	5
30	Current profiles of astrocytes from the corpus callosum of newborn and 28-day-old rats. Neuroscience Letters, 2010, 485, 189-193.	2.1	4
31	Effects of the antidepressant mirtazapine and zinc on nicotinic acetylcholine receptors. Neuroscience Letters, 2018, 665, 246-251.	2.1	3
32	Selectivity of (Â±)-citalopram at nicotinic acetylcholine receptors and different inhibitory mechanisms between habenular Î±3Î²4* and Î±9Î±10 subtypes. Neurochemistry International, 2019, 131, 104552.	3.8	3