Miguel Garzon Garcia

List of Publications by Year
in descending order

40 papers	1,329 citations	393982 19 h-index	344852 36 g-index
44 all docs	44 docs citations	44 times ranked	1559 citing authors

#	Article	IF	Citations
1	Dopamine Innervation in the Thalamus: Monkey versus Rat. Cerebral Cortex, 2009, 19, 424-434.	1.6	133
2	Cholinergic axon terminals in the ventral tegmental area target a subpopulation of neurons expressing low levels of the dopamine transporter. Journal of Comparative Neurology, 1999, 410, 197-210.	0.9	125
3	Brain structures and mechanisms involved in the generation of REM sleep. Sleep Medicine Reviews, 2001, 5, 63-77.	3.8	103
4	Brain Glutamine Synthesis Requires Neuronal-Born Aspartate as Amino Donor for Glial Glutamate Formation. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 90-101.	2.4	98
5	Plasmalemmal Î¼-opioid receptor distribution mainly in nondopaminergic neurons in the rat ventral tegmental area. Synapse, 2001, 41, 311-328.	0.6	94
6	Functional anatomy of non-REM sleep. Frontiers in Neurology, 2011, 2, 70.	1.1	69
7	Leptin gene therapy attenuates neuronal damages evoked by amyloid-Î² and rescues memory deficits in APP/PS1 mice. Gene Therapy, 2014, 21, 298-308.	2.3	64
8	Sleep patterns after carbachol delivery in the ventral oral pontine tegmentum of the cat. Neuroscience, 1998, 83, 1137-1144.	1.1	59
9	Megalin interacts with APP and the intracellular adapter protein FE65 in neurons. Molecular and Cellular Neurosciences, 2010, 45, 306-315.	1.0	57
10	Hypocretin/Orexin Neuropeptides: Participation in the Control of Sleep- Wakefulness Cycle and Energy Homeostasis. Current Neuropharmacology, 2009, 7, 50-59.	1.4	51
11	Î¼-Opioid receptors in the ventral tegmental area are targeted to presynaptically and directly modulate mesocortical projection neurons. Synapse, 2001, 41, 221-229.	0.6	48
12	Relationship between the perifornical hypothalamic area and oral pontine reticular nucleus in the rat. Possible implication of the hypocretinergic projection in the control of rapid eye movement sleep. European Journal of Neuroscience, 2006, 24, 2834-2842.	1.2	38
13	Ultrastructural localization of enkephalin and Î¼-opioid receptors in the rat ventral tegmental area. Neuroscience, 2002, 114, 461-474.	1.1	37
14	Hypocretin1/OrexinAâ€containing axons innervate locus coeruleus neurons that project to the Rat medial prefrontal cortex. Implication in the sleepâ€wakefulness cycle and cortical activation. Synapse, 2011, 65, 843-857.	0.6	36
15	Sleepâ€wakefulness effects after microinjections of hypocretin 1 (orexin A) in cholinoceptive areas of the cat oral pontine tegmentum. European Journal of Neuroscience, 2008, 28, 331-341.	1.2	34
16	Neocortical and hippocampal electrical activities are similar in spontaneous and cholinergic-induced REM sleep. Brain Research, 1997, 766, 266-270.	1.1	33
17	Dendritic and axonal targeting of the vesicular acetylcholine transporter to membranous cytoplasmic organelles in laterodorsal and pedunculopontine tegmental nuclei. , 2000, 419, 32-48.		26
18	Medial prefrontal cortex receives input from dorsal raphe nucleus neurons targeted by Hypocretin1/OrexinA-containing axons. Neuroscience, 2011, 172, 30-43.	1.1	24

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19	Subcellular distribution of M2 muscarinic receptors in relation to dopaminergic neurons of the rat ventral tegmental area. Journal of Comparative Neurology, 2006, 498, 821-839.	0.9	23
20	Chapter 12 Electron microscopic immunolabeling of transporters and receptors identifies transmitter-specific functional sites envisioned in Cajal's neuron. Progress in Brain Research, 2002, 136, 145-155.	0.9	21
21	The Disconnected Brain Stem Does Not Support Rapid Eye Movement Sleep Rebound Following Selective Deprivation. Sleep, 2003, 26, 419-425.	0.6	17
22	Ultrastructural localization of Leu5-enkephalin immunoreactivity in mesocortical neurons and their input terminals in rat ventral tegmental area. Synapse, 2004, 52, 38-52.	0.6	17
23	Somatodendritic targeting of M5 muscarinic receptor in the rat ventral tegmental area: Implications for mesolimbic dopamine transmission. Journal of Comparative Neurology, 2013, 521, 2927-2946.	0.9	16
24	Synaptic interactions between perifornical lateral hypothalamic area, locus coeruleus nucleus and the oral pontine reticular nucleus are implicated in the stage succession during sleep-wakefulness cycle. Frontiers in Neuroscience, 2013, 7, 216.	1.4	15
25	Hypocretin1/orexinA-immunoreactive axons form few synaptic contacts on rat ventral tegmental area neurons that project to the medial prefrontal cortex. BMC Neuroscience, 2014, 15, 105.	0.8	13
26	Hypocretin1/OrexinA Axon Targeting of Laterodorsal Tegmental Nucleus Neurons Projecting to the Rat Medial Prefrontal Cortex. Cerebral Cortex, 2011, 21, 2762-2773.	1.6	12
27	Cellular and subcellular distributions of delta opioid receptor activation sites in the ventral oral pontine tegmentum of the cat. Brain Research, 2006, 1123, 101-111.	1.1	11
28	The Transition Between Slow-Wave Sleep and REM Sleep Constitutes an Independent Sleep Stage Organized by Cholinergic Mechanisms in the Rostrodorsal Pontine Tegmentum. Frontiers in Neuroscience, 2019, 13, 748.	1.4	8
29	The brain stem but not forebrain independently supports morphine tolerance and withdrawal effects in cats. Behavioural Brain Research, 2004, 148, 133-144.	1.2	6
30	Debating how rapid eye movement sleep is regulated (and by what). Journal of Sleep Research, 2003, 12, 259-262.	1.7	5
31	Functional anatomy of the sleep-wakefulness cycle: wakefulness. Advances in Anatomy, Embryology and Cell Biology, 2011, 208, 1-128.	1.0	5
32	Functional Anatomy of the Sleep-Wakefulness Cycle: Wakefulness. Advances in Anatomy, Embryology and Cell Biology, 2011, , .	1.0	4
33	Electron microscopic localization of M2â€muscarinic receptors in cholinergic and noncholinergic neurons of the laterodorsal tegmental and pedunculopontine nuclei of the rat mesopontine tegmentum. Journal of Comparative Neurology, 2016, 524, 3084-3103.	0.9	4
34	Adolescent administration of Î”9-THC decreases the expression and function of muscarinic-1 receptors in prelimbic prefrontal cortical neurons of adult male mice. IBRO Neuroscience Reports, 2021, 11, 144-155.	0.7	3
35	GABAergic Mechanisms in the Ventral Oral Pontine Tegmentum: The REM Sleep-Induction Site â€“ in the Modulation of Sleepâ€“Wake States. , 2010, , 233-252.		3
36	Ultrastructural evidence for mu and delta opioid receptors at noradrenergic dendrites and glial profiles in the cat locus coeruleus. Brain Research, 2021, 1762, 147443.	1.1	1

#	Article	IF	Citations
37	Prefrontal cortical distribution of muscarinic M2 and cannabinoid-1 (CB1) receptors in adult male mice with or without chronic adolescent exposure to Î”9-tetrahydrocannabinol. Cerebral Cortex, 2022, , .	1.6	1
38	Revision of the Publications Describing the Anatomical Connections and Effects of Lesions and Electrical Stimulation of Brain Structures on the Sleepâ€"Wakefulness Cycle. Advances in Anatomy, Embryology and Cell Biology, 2011, , 5-61.	1.0	0
39	Functional Anatomy of Wakefulness. Advances in Anatomy, Embryology and Cell Biology, 2011, , 63-109.	1.0	0
40	Histamine opposite actions in dorsal and ventral pontine tegmentum regions involved in sleep-wake regulation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-88.	0.0	0