Pablo Mendez

List of Publications by Year
in descending order

36 papers	4,084 citations	201575 27 h-index	395590 33 g-index
39 all docs	39 docs citations	39 times ranked	4962 citing authors

#	Article	IF	Citations
1	The Distribution and Mechanism of Action of Ghrelin in the CNS Demonstrates a Novel Hypothalamic Circuit Regulating Energy Homeostasis. Neuron, 2003, 37, 649-661.	3.8	1,465
2	Hippocampal Somatostatin Interneurons Control the Size of Neuronal Memory Ensembles. Neuron, 2016, 89, 1074-1085.	3.8	201
3	Contribution of estrogen receptors alpha and beta to the effects of estradiol in the brain. Journal of Steroid Biochemistry and Molecular Biology, 2008, 108, 327-338.	1.2	158
4	Interactions of estrogens and insulin-like growth factor-I in the brain: implications for neuroprotection. Brain Research Reviews, 2001, 37, 320-334.	9.1	152
5	Anesthetics Rapidly Promote Synaptogenesis during a Critical Period of Brain Development. PLoS ONE, 2009, 4, e7043.	1.1	151
6	Cation-Chloride Cotransporters and GABA-ergic Innervation in the Human Epileptic Hippocampus. Epilepsia, 2007, 48, 663-673.	2.6	134
7	Estrogen receptor alpha forms estrogen-dependent multimolecular complexes with insulin-like growth factor receptor and phosphatidylinositol 3-kinase in the adult rat brain. Molecular Brain Research, 2003, 112, 170-176.	2.5	132
8	Activity-Dependent PSD Formation and Stabilization of Newly Formed Spines in Hippocampal Slice Cultures. Cerebral Cortex, 2008, 18, 151-161.	1.6	129
9	N-cadherin mediates plasticity-induced long-term spine stabilization. Journal of Cell Biology, 2010, 189, 589-600.	2.3	126
10	Interactions of estrogen and insulin-like growth factor-I in the brain: molecular mechanisms and functional implications. Journal of Steroid Biochemistry and Molecular Biology, 2002, 83, 211-217.	1.2	109
11	Synergistic interaction of estradiol and insulin-like growth factor-I in the activation of PI3K/Akt signaling in the adult rat hypothalamus. Molecular Brain Research, 2002, 107, 80-88.	2.5	102
12	Rapid Stimulation of the PI3-Kinase/Akt Signalling Pathway in Developing Midbrain Neurones by Oestrogen. Journal of Neuroendocrinology, 2002, 14, 73-79.	1.2	102
13	Cross-talk between estrogen receptors and insulin-like growth factor-I receptor in the brain: Cellular and molecular mechanisms. Frontiers in Neuroendocrinology, 2006, 27, 391-403.	2.5	100
14	Implication of the Phosphatidylinositol-3 Kinase/Protein Kinase B Signaling Pathway in the Neuroprotective Effect of Estradiol in the Striatum of 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine Mice. Molecular Pharmacology, 2006, 69, 1492-1498.	1.0	97
15	Activity-dependent inhibitory synapse remodeling through gephyrin phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E65-72.	3.3	95
16	Cross-Talk between IGF-I and Estradiol in the Brain: Focus on Neuroprotection. Neuroendocrinology, 2006, 84, 275-279.	1.2	84
17	Phosphatidylinositol 3-Kinase and Glycogen Synthase Kinase 3 Regulate Estrogen Receptor-Mediated Transcription in Neuronal Cells. Endocrinology, 2006, 147, 3027-3039.	1.4	84
18	Desynchronization of Neocortical Networks by Asynchronous Release of GABA at Autaptic and Synaptic Contacts from Fast-Spiking Interneurons. PLoS Biology, 2010, 8, e1000492.	2.6	83

#	Article	IF	Citations
19	Interdependence of oestrogen and insulin-like growth factor-I in the brain: potential for analysing neuroprotective mechanisms. Journal of Endocrinology, 2005, 185, 11-17.	1.2	79
20	Estradiol Activates Î²-Catenin Dependent Transcription in Neurons. PLoS ONE, 2009, 4, e5153.	1.1	71
21	Interaction of estrogen receptors with insulin-like growth factor-I and Wnt signaling in the nervous system. Steroids, 2010, 75, 565-569.	0.8	64
22	Shaping inhibition: activity dependent structural plasticity of GABAergic synapses. Frontiers in Cellular Neuroscience, 2014, 8, 327.	1.8	52
23	Direct Alteration of a Specific Inhibitory Circuit of the Hippocampus by Antidepressants. Journal of Neuroscience, 2012, 32, 16616-16628.	1.7	47
24	Homeostatic Plasticity in the Hippocampus Facilitates Memory Extinction. Cell Reports, 2018, 22, 1451-1461.	2.9	46
25	Assortment of GABAergic Plasticity in the Cortical Interneuron Melting Pot. Neural Plasticity, 2011, 2011, 1-14.	1.0	40
26	Nitric oxide mediates local activity-dependent excitatory synapse development. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4142-51.	3.3	37
27	Estradiol promotes spine growth and synapse formation without affecting preâ€established networks. Hippocampus, 2011, 21, 1263-1267.	0.9	32
28	Reversal of activityâ€mediated spine dynamics and learning impairment in a mouse model of <scp>F</scp>ragile <scp>X</scp> syndrome. European Journal of Neuroscience, 2014, 39, 1130-1137.	1.2	25
29	Role of NCAM in Spine Dynamics and Synaptogenesis. Advances in Experimental Medicine and Biology, 2010, 663, 245-256.	0.8	25
30	Paradoxical neuronal hyperexcitability in a mouse model of mitochondrial pyruvate import deficiency. ELife, 2022, 11, .	2.8	21
31	Interactions of Insulin-Like Growth Factor-I and Estrogen in the Brain. , 2005, 567, 285-303.		14
32	Insulin-like growth factor I mitigates post-traumatic stress by inhibiting AMP-kinase in orexin neurons. Molecular Psychiatry, 2022, , .	4.1	10
33	Sex-specific regulation of inhibition and network activity by local aromatase in the mouse hippocampus. Nature Communications, 2022, 13, .	5.8	8
34	Formin Activity and mDia1 Contribute to Maintain Axon Initial Segment Composition and Structure. Molecular Neurobiology, 2021, 58, 6153-6169.	1.9	7
35	Remembering or forgetting: the lifetime of memories. Frontiers for Young Minds, 2017, 5, .	0.8	0
36	Homeostatic Plasticity in the Hippocampus Facilitates Memory Extinction. SSRN Electronic Journal, 0, , .	0.4	0