Adriana Ferreira

List of Publications by Year
in descending order

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48 papers	4,025 citations	172457 29 h-index	243625 44 g-index
48 all docs	48 docs citations	48 times ranked	4494 citing authors

#	Article	IF	Citations
1	Tau is essential to Â-amyloid-induced neurotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6364-6369.	7.1	734
2	S100Î² Induces Neuronal Cell Death Through Nitric Oxide Release from Astrocytes. Journal of Neurochemistry, 1997, 69, 2294-2301.	3.9	303
3	The Generation of a 17 kDa Neurotoxic Fragment: An Alternative Mechanism by which Tau Mediates Â-Amyloid-Induced Neurodegeneration. Journal of Neuroscience, 2005, 25, 5365-5375.	3.6	242
4	Î²-Amyloid-induced Dynamin 1 Degradation Is Mediated by N-Methyl-D-Aspartate Receptors in Hippocampal Neurons. Journal of Biological Chemistry, 2006, 281, 28079-28089.	3.4	230
5	Evidence for the Participation of the Neuron-Specific CDK5 Activator P35 during Laminin-Enhanced Axonal Growth. Journal of Neuroscience, 1998, 18, 9858-9869.	3.6	181
6	Selective Phosphorylation of Adult Tau Isoforms in Mature Hippocampal Neurons Exposed to Fibrillar AÎ². Molecular and Cellular Neurosciences, 1997, 9, 220-234.	2.2	177
7	Regulation of Neurotransmitter Release by Synapsin III. Journal of Neuroscience, 2002, 22, 4372-4380.	3.6	158
8	Microtubule formation and neurite growth in cerebellar macroneurons which develop in vitro: evidence for the involvement of the microtubule-associated proteins, MAP-1a, HMW-MAP2 and Tau. Developmental Brain Research, 1989, 49, 215-228.	1.7	145
9	PD98059 Prevents Neurite Degeneration Induced by Fibrillar Î²-Amyloid in Mature Hippocampal Neurons. Journal of Neurochemistry, 2001, 74, 125-133.	3.9	129
10	LIMK1 Regulates Golgi Dynamics, Traffic of Golgi-derived Vesicles, and Process Extension in Primary Cultured Neurons. Molecular Biology of the Cell, 2004, 15, 3433-3449.	2.1	125
11	Distinct Roles of Synapsin I and Synapsin II during Neuronal Development. Molecular Medicine, 1998, 4, 22-28.	4.4	122
12	Î²-Amyloid-induced Dynamin 1 Depletion in Hippocampal Neurons. Journal of Biological Chemistry, 2005, 280, 31746-31753.	3.4	114
13	Synapsin III: Developmental Expression, Subcellular Localization, and Role in Axon Formation. Journal of Neuroscience, 2000, 20, 3736-3744.	3.6	108
14	Expression of the Class III Î²-tubulin isotype in developing neurons in culture. Journal of Neuroscience Research, 1992, 32, 516-529.	2.9	107
15	Aberrant neurites and synaptic vesicle protein deficiency in synapsin II-depleted neurons. Science, 1994, 264, 977-979.	12.6	102
16	Increased Membrane Cholesterol Might Render Mature Hippocampal Neurons More Susceptible to Î²-Amyloid-Induced Calpain Activation and Tau Toxicity. Journal of Neuroscience, 2009, 29, 4640-4651.	3.6	95
17	Calpain-Mediated Tau Cleavage: A Mechanism Leading to Neurodegeneration Shared by Multiple Tauopathies. Molecular Medicine, 2011, 17, 676-685.	4.4	94
18	An immunocytochemical analysis of the ontogeny of the microtubule-associated proteins MAP-2 and Tau in the nervous system of the rat. Developmental Brain Research, 1987, 34, 9-31.	1.7	84

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19	The expression of acetylated microtubules during axonal and dendritic growth in cerebellar macroneurons which develop in vitro. Developmental Brain Research, 1989, 49, 205-213.	1.7	77
20	Neurite extension in central neurons: a novel role for the receptor tyrosine kinases Ror1 and Ror2. Journal of Cell Science, 2005, 118, 433-446.	2.0	71
21	An immunocytochemical and biochemical study of the microtubule-associated protein MAP-2 during post-lesion dendritic remodeling in the central nervous system of adult rats. Molecular Brain Research, 1988, 3, 233-246.	2.3	57
22	Agrin Differentially Regulates the Rates of Axonal and Dendritic Elongation in Cultured Hippocampal Neurons. Journal of Neuroscience, 2001, 21, 6802-6809.	3.6	49
23	Calpain Dysregulation in Alzheimerâ€™s Disease. , 2012, 2012, 1-12.		48
24	A rare polymorphism affects a Mitogen-Activated Protein kinase site in synapsin III: possible relationship to schizophrenia. Biological Psychiatry, 2004, 55, 118-125.	1.3	44
25	The novel calpain inhibitor A-705253 potently inhibits oligomeric beta-amyloid-induced dynamin 1 and tau cleavage in hippocampal neurons. Neurochemistry International, 2008, 53, 79-88.	3.8	41
26	Targeted wild-type and jerker espins reveal a novel, WH2-domain-dependent way to make actin bundles in cells. Journal of Cell Science, 2006, 119, 1655-1665.	2.0	40
27	Expression and subcellular localization of Ror tyrosine kinase receptors are developmentally regulated in cultured hippocampal neurons. Journal of Neuroscience Research, 2003, 73, 429-440.	2.9	37
28	?1 integrin activation: A link between ?-amyloid deposition and neuronal death in aging hippocampal neurons. Journal of Neuroscience Research, 2004, 75, 688-697.	2.9	36
29	An immunocytochemical and biochemical study of the microtubule-associated protein Tau during post-lesion afferent reorganization in the hippocampus of adult rats. Brain Research, 1987, 419, 244-252.	2.2	31
30	Postsynaptic Element Contributes to the Delay in Synaptogenesis in Synapsin I-Deficient Neurons. Molecular and Cellular Neurosciences, 1996, 8, 286-299.	2.2	30
31	The Neurotoxic Tau45-230 Fragment Accumulates in Upper and Lower Motor Neurons in Amyotrophic Lateral Sclerosis Subjects. Molecular Medicine, 2016, 22, 477-486.	4.4	28
32	Estrogen-induced changes in the microtubular system correlate with a decreased susceptibility of aging neurons to beta amyloid neurotoxicity. Molecular and Cellular Neurosciences, 2003, 24, 503-516.	2.2	22
33	MAPK signal transduction pathway mediates agrin effects on neurite elongation in cultured hippocampal neurons. Journal of Neurobiology, 2003, 55, 14-24.	3.6	21
34	Tau 45-230 association with the cytoskeleton and membrane-bound organelles: Functional implications in neurodegeneration. Neuroscience, 2017, 362, 104-117.	2.3	18
35	The Formation of Synapses in the Central Nervous System. Molecular Neurobiology, 2002, 26, 069-080.	4.0	15
36	Membrane Cholesterol Modulates Î²-Amyloid-dependent Tau Cleavage by Inducing Changes in the Membrane Content and Localization of N-Methyl-d-aspartic Acid Receptors. Journal of Biological Chemistry, 2011, 286, 976-986.	3.4	15

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37	Synapse formation proceeds independently of dendritic elongation in cultured hippocampal neurons. , 2000, 43, 121-131.		14
38	Premature hippocampus-dependent memory decline in middle-aged females of a genetic rat model of depression. Behavioural Brain Research, 2018, 353, 242-249.	2.2	13
39	Differential subcellular localization of Ror tyrosine kinase receptors in cultured astrocytes. Glia, 2004, 46, 456-466.	4.9	12
40	AÎ² Toxicity in Primary Cultured Neurons. Methods in Molecular Biology, 2010, 670, 141-153.	0.9	12
41	Preferential dendritic localization of pericentriolar material in hippocampal pyramidal neurons in culture. Cytoskeleton, 1993, 25, 336-344.	4.4	11
42	Altered Cytoskeletal Composition and Delayed Neurite Elongation in tau45â€“230-Expressing Hippocampal Neurons. Neuroscience, 2019, 412, 1-15.	2.3	8
43	Î²-Amyloid Carrying the Dutch Mutation Has Diverse Effects on Calpain-Mediated Toxicity in Hippocampal Neurons. Molecular Medicine, 2012, 18, 178-185.	4.4	7
44	Methods related to studying tau fragmentation. Methods in Cell Biology, 2017, 141, 245-258.	1.1	6
45	CHOLESTEROL AND NEURONAL SUSCEPTIBILITY TO BETA-AMYLOID TOXICITY. Cognitive Sciences, 2010, 5, 35-56.	0.0	5
46	The formation of small aggregates contributes to the neurotoxic effects of tau45-230. Neurochemistry International, 2022, 152, 105252.	3.8	4
47	BANCO DE LEITE HUMANO: MULHERES COM DIFICULDADES NA LACTAÃ‡ÃƒO. Cogitare Enfermagem, 0, 25, .	0.6	2
48	Role of the Golgi Apparatus During Axon Formation. , 2007, , 136-154.		1