Adriana Ferreira

List of Publications by Year in Descending Order

47 papers	3,547 citations	29 h-index	48 g-index
48 ext. papers	3,771 ext. citations	5.7 avg, IF	5.09 L-index

#	Paper	IF	Citations
47	The formation of small aggregates contributes to the neurotoxic effects of tau. *Neurochemistry International*, **2021**, 152, 105252	4.4	0
46	Altered Cytoskeletal Composition and Delayed Neurite Elongation in tau-Expressing Hippocampal Neurons. *Neuroscience*, **2019**, 412, 1-15	3.9	5
45	Premature hippocampus-dependent memory decline in middle-aged females of a genetic rat model of depression. *Behavioural Brain Research*, **2018**, 353, 242-249	3.4	5
44	Methods related to studying tau fragmentation. *Methods in Cell Biology*, **2017**, 141, 245-258	1.8	2
43	Tau association with the cytoskeleton and membrane-bound organelles: Functional implications in neurodegeneration. *Neuroscience*, **2017**, 362, 104-117	3.9	14
42	The Neurotoxic TAU Fragment Accumulates in Upper and Lower Motor Neurons in Amyotrophic Lateral Sclerosis Subjects. *Molecular Medicine*, **2016**, 22, 477-486	6.2	13
41	Amyloid carrying the Dutch mutation has diverse effects on calpain-mediated toxicity in hippocampal neurons. *Molecular Medicine*, **2012**, 18, 178-85	6.2	7
40	Calpain dysregulation in Alzheimer's disease **2012**, 2012, 728571		32
39	Calpain-mediated tau cleavage: a mechanism leading to neurodegeneration shared by multiple tauopathies. *Molecular Medicine*, **2011**, 17, 676-85	6.2	75
38	Membrane cholesterol modulates {beta}-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, 976-86	5.4	13
37	A toxicity in primary cultured neurons. *Methods in Molecular Biology*, **2011**, 670, 141-53	1.4	10
36	CHOLESTEROL AND NEURONAL SUSCEPTIBILITY TO BETA-AMYLOID TOXICITY **2010**, 5, 35-56		5
35	Increased membrane cholesterol might render mature hippocampal neurons more susceptible to beta-amyloid-induced calpain activation and tau toxicity. *Journal of Neuroscience*, **2009**, 29, 4640-51	6.6	79
34	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	4.4	38
33	Role of the Golgi Apparatus During Axon Formation **2007**, 136-154		1
32	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, 1655-65	5.3	32
31	beta-Amyloid-induced dynamin 1 degradation is mediated by N-methyl-D-aspartate receptors in hippocampal neurons. *Journal of Biological Chemistry*, **2006**, 281, 28079-89	5.4	198

30	Beta-amyloid-induced dynamin 1 depletion in hippocampal neurons. A potential mechanism for early cognitive decline in Alzheimer disease. *Journal of Biological Chemistry*, **2005**, 280, 31746-53	5.4	107
29	The generation of a 17 kDa neurotoxic fragment: an alternative mechanism by which tau mediates beta-amyloid-induced neurodegeneration. *Journal of Neuroscience*, **2005**, 25, 5365-75	6.6	217
28	Neurite extension in central neurons: a novel role for the receptor tyrosine kinases Ror1 and Ror2. *Journal of Cell Science*, **2005**, 118, 433-46	5.3	60
27	LIMK1 regulates Golgi dynamics, traffic of Golgi-derived vesicles, and process extension in primary cultured neurons. *Molecular Biology of the Cell*, **2004**, 15, 3433-49	3.5	116
26	Differential subcellular localization of Ror tyrosine kinase receptors in cultured astrocytes. *Glia*, **2004**, 46, 456-66	9	12
25	alpha1 Integrin activation: a link between beta-amyloid deposition and neuronal death in aging hippocampal neurons. *Journal of Neuroscience Research*, **2004**, 75, 688-97	4.4	33
24	A rare polymorphism affects a mitogen-activated protein kinase site in synapsin III: possible relationship to schizophrenia. *Biological Psychiatry*, **2004**, 55, 118-25	7.9	35
23	Expression and subcellular localization of Ror tyrosine kinase receptors are developmentally regulated in cultured hippocampal neurons. *Journal of Neuroscience Research*, **2003**, 73, 429-40	4.4	36
22	MAPK signal transduction pathway mediates agrin effects on neurite elongation in cultured hippocampal neurons. *Journal of Neurobiology*, **2003**, 55, 14-24		21
21	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, 503-16	4.8	21
20	Regulation of neurotransmitter release by synapsin III. *Journal of Neuroscience*, **2002**, 22, 4372-80	6.6	122
19	The formation of synapses in the central nervous system. *Molecular Neurobiology*, **2002**, 26, 69-79	6.2	11
18	Tau is essential to beta -amyloid-induced neurotoxicity. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 6364-9	11.5	659
17	Agrin differentially regulates the rates of axonal and dendritic elongation in cultured hippocampal neurons. *Journal of Neuroscience*, **2001**, 21, 6802-9	6.6	47
16	PD98059 prevents neurite degeneration induced by fibrillar beta-amyloid in mature hippocampal neurons. *Journal of Neurochemistry*, **2000**, 74, 125-33	6	115
15	Synapse formation proceeds independently of dendritic elongation in cultured hippocampal neurons. *Journal of Neurobiology*, **2000**, 43, 121-31		13
14	Synapsin III: developmental expression, subcellular localization, and role in axon formation. *Journal of Neuroscience*, **2000**, 20, 3736-44	6.6	99
13	Distinct Roles of Synapsin I and Synapsin II during Neuronal Development. *Molecular Medicine*, **1998** , 4, 22-28	6.2	104

12	Evidence for the participation of the neuron-specific CDK5 activator P35 during laminin-enhanced axonal growth. *Journal of Neuroscience*, **1998**, 18, 9858-69	6.6	170
11	Selective phosphorylation of adult tau isoforms in mature hippocampal neurons exposed to fibrillar A beta. *Molecular and Cellular Neurosciences*, **1997**, 9, 220-34	4.8	160
10	S100beta induces neuronal cell death through nitric oxide release from astrocytes. *Journal of Neurochemistry*, **1997**, 69, 2294-301	6	268
9	Postsynaptic element contributes to the delay in synaptogenesis in synapsin I-deficient neurons. *Molecular and Cellular Neurosciences*, **1996**, 8, 286-99	4.8	23
8	Aberrant neurites and synaptic vesicle protein deficiency in synapsin II-depleted neurons. *Science*, **1994**, 264, 977-9	33.3	99
7	Preferential dendritic localization of pericentriolar material in hippocampal pyramidal neurons in culture. *Cytoskeleton*, **1993**, 25, 336-44		10
6	Expression of the class III beta-tubulin isotype in developing neurons in culture. *Journal of Neuroscience Research*, **1992**, 32, 516-29	4.4	97
5	The expression of acetylated microtubules during axonal and dendritic growth in cerebellar macroneurons which develop in vitro. *Developmental Brain Research*, **1989**, 49, 205-13		66
4	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, 215-28		130
3	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**, 427, 233-46		55
2	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**, 431, 9-31		82
1	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, 244-52	3.7	30