

# Adriana Ferreira

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Tau is essential to beta -amyloid-induced neurotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 6364-9	11.5	659
46	S100beta induces neuronal cell death through nitric oxide release from astrocytes. <i>Journal of Neurochemistry</i> , <b>1997</b> , 69, 2294-301	6	268
45	The generation of a 17 kDa neurotoxic fragment: an alternative mechanism by which tau mediates beta-amyloid-induced neurodegeneration. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 5365-75	6.6	217
44	beta-Amyloid-induced dynamin 1 degradation is mediated by N-methyl-D-aspartate receptors in hippocampal neurons. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 28079-89	5.4	198
43	Evidence for the participation of the neuron-specific CDK5 activator P35 during laminin-enhanced axonal growth. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 9858-69	6.6	170
42	Selective phosphorylation of adult tau isoforms in mature hippocampal neurons exposed to fibrillar A beta. <i>Molecular and Cellular Neurosciences</i> , <b>1997</b> , 9, 220-34	4.8	160
41	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. <i>Developmental Brain Research</i> , <b>1989</b> , 49, 215-28		130
40	Regulation of neurotransmitter release by synapsin III. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 4372-80	6.6	122
39	LIMK1 regulates Golgi dynamics, traffic of Golgi-derived vesicles, and process extension in primary cultured neurons. <i>Molecular Biology of the Cell</i> , <b>2004</b> , 15, 3433-49	3.5	116
38	PD98059 prevents neurite degeneration induced by fibrillar beta-amyloid in mature hippocampal neurons. <i>Journal of Neurochemistry</i> , <b>2000</b> , 74, 125-33	6	115
37	Beta-amyloid-induced dynamin 1 depletion in hippocampal neurons. A potential mechanism for early cognitive decline in Alzheimer disease. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 31746-53	5.4	107
36	Distinct Roles of Synapsin I and Synapsin II during Neuronal Development. <i>Molecular Medicine</i> , <b>1998</b> , 4, 22-28	6.2	104
35	Synapsin III: developmental expression, subcellular localization, and role in axon formation. <i>Journal of Neuroscience</i> , <b>2000</b> , 20, 3736-44	6.6	99
34	Aberrant neurites and synaptic vesicle protein deficiency in synapsin II-depleted neurons. <i>Science</i> , <b>1994</b> , 264, 977-9	33.3	99
33	Expression of the class III beta-tubulin isotype in developing neurons in culture. <i>Journal of Neuroscience Research</i> , <b>1992</b> , 32, 516-29	4.4	97
32	An immunocytochemical analysis of the ontogeny of the microtubule-associated proteins MAP-2 and Tau in the nervous system of the rat. <i>Developmental Brain Research</i> , <b>1987</b> , 431, 9-31		82
31	Increased membrane cholesterol might render mature hippocampal neurons more susceptible to beta-amyloid-induced calpain activation and tau toxicity. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 4640-51	6.6	79

30	Calpain-mediated tau cleavage: a mechanism leading to neurodegeneration shared by multiple tauopathies. <i>Molecular Medicine</i> , <b>2011</b> , 17, 676-85	6.2	75
29	The expression of acetylated microtubules during axonal and dendritic growth in cerebellar macroneurons which develop in vitro. <i>Developmental Brain Research</i> , <b>1989</b> , 49, 205-13		66
28	Neurite extension in central neurons: a novel role for the receptor tyrosine kinases Ror1 and Ror2. <i>Journal of Cell Science</i> , <b>2005</b> , 118, 433-46	5.3	60
27	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. <i>Molecular Brain Research</i> , <b>1988</b> , 427, 233-46		55
26	Agrin differentially regulates the rates of axonal and dendritic elongation in cultured hippocampal neurons. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 6802-9	6.6	47
25	The novel calpain inhibitor A-705253 potently inhibits oligomeric beta-amyloid-induced dynamin 1 and tau cleavage in hippocampal neurons. <i>Neurochemistry International</i> , <b>2008</b> , 53, 79-88	4.4	38
24	Expression and subcellular localization of Ror tyrosine kinase receptors are developmentally regulated in cultured hippocampal neurons. <i>Journal of Neuroscience Research</i> , <b>2003</b> , 73, 429-40	4.4	36
23	A rare polymorphism affects a mitogen-activated protein kinase site in synapsin III: possible relationship to schizophrenia. <i>Biological Psychiatry</i> , <b>2004</b> , 55, 118-25	7.9	35
22	alpha1 Integrin activation: a link between beta-amyloid deposition and neuronal death in aging hippocampal neurons. <i>Journal of Neuroscience Research</i> , <b>2004</b> , 75, 688-97	4.4	33
21	Calpain dysregulation in Alzheimer's disease <b>2012</b> , 2012, 728571		32
20	Targeted wild-type and jerker espins reveal a novel, WH2-domain-dependent way to make actin bundles in cells. <i>Journal of Cell Science</i> , <b>2006</b> , 119, 1655-65	5.3	32
19	An immunocytochemical and biochemical study of the microtubule-associated protein Tau during post-lesion afferent reorganization in the hippocampus of adult rats. <i>Brain Research</i> , <b>1987</b> , 419, 244-52	3.7	30
18	Postsynaptic element contributes to the delay in synaptogenesis in synapsin I-deficient neurons. <i>Molecular and Cellular Neurosciences</i> , <b>1996</b> , 8, 286-99	4.8	23
17	MAPK signal transduction pathway mediates agrin effects on neurite elongation in cultured hippocampal neurons. <i>Journal of Neurobiology</i> , <b>2003</b> , 55, 14-24		21
16	Estrogen-induced changes in the microtubular system correlate with a decreased susceptibility of aging neurons to beta amyloid neurotoxicity. <i>Molecular and Cellular Neurosciences</i> , <b>2003</b> , 24, 503-16	4.8	21
15	Tau association with the cytoskeleton and membrane-bound organelles: Functional implications in neurodegeneration. <i>Neuroscience</i> , <b>2017</b> , 362, 104-117	3.9	14
14	Membrane cholesterol modulates {beta}-amyloid-dependent tau cleavage by inducing changes in the membrane content and localization of N-methyl-D-aspartic acid receptors. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 976-86	5.4	13
13	Synapse formation proceeds independently of dendritic elongation in cultured hippocampal neurons. <i>Journal of Neurobiology</i> , <b>2000</b> , 43, 121-31		13

12	The Neurotoxic TAU Fragment Accumulates in Upper and Lower Motor Neurons in Amyotrophic Lateral Sclerosis Subjects. <i>Molecular Medicine</i> , <b>2016</b> , 22, 477-486	6.2	13
11	Differential subcellular localization of Ror tyrosine kinase receptors in cultured astrocytes. <i>Glia</i> , <b>2004</b> , 46, 456-66	9	12
10	The formation of synapses in the central nervous system. <i>Molecular Neurobiology</i> , <b>2002</b> , 26, 69-79	6.2	11
9	Preferential dendritic localization of pericentriolar material in hippocampal pyramidal neurons in culture. <i>Cytoskeleton</i> , <b>1993</b> , 25, 336-44		10
8	Aβ toxicity in primary cultured neurons. <i>Methods in Molecular Biology</i> , <b>2011</b> , 670, 141-53	1.4	10
7	βAmyloid carrying the Dutch mutation has diverse effects on calpain-mediated toxicity in hippocampal neurons. <i>Molecular Medicine</i> , <b>2012</b> , 18, 178-85	6.2	7
6	Altered Cytoskeletal Composition and Delayed Neurite Elongation in tau-Expressing Hippocampal Neurons. <i>Neuroscience</i> , <b>2019</b> , 412, 1-15	3.9	5
5	Premature hippocampus-dependent memory decline in middle-aged females of a genetic rat model of depression. <i>Behavioural Brain Research</i> , <b>2018</b> , 353, 242-249	3.4	5
4	CHOLESTEROL AND NEURONAL SUSCEPTIBILITY TO BETA-AMYLOID TOXICITY <b>2010</b> , 5, 35-56		5
3	Methods related to studying tau fragmentation. <i>Methods in Cell Biology</i> , <b>2017</b> , 141, 245-258	1.8	2
2	Role of the Golgi Apparatus During Axon Formation <b>2007</b> , 136-154		1
1	The Formation of small aggregates contributes to the neurotoxic effects of tau. <i>Neurochemistry International</i> , <b>2021</b> , 152, 105252	4.4	0