

Monica Garcia-Alloza

List of Publications by Year in Descending Order

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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.

68

papers

4,897

citations

33

h-index

69

g-index

71

ext. papers

5,591

ext. citations

6.8

avg, IF

5.12

L-index

#	Paper	IF	Citations
68	Common pathways in dementia and diabetic retinopathy: understanding the mechanisms of diabetes-related cognitive decline. <i>Trends in Endocrinology and Metabolism</i> , 2021 ,	8.8	5
67	Role of liraglutide in Alzheimer's disease pathology. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 112	9	3
66	Mitochondria-ER contacts and glucose: the powerhouse of Alzheimer's disease?. <i>Cell Calcium</i> , 2021 , 97, 102434	4	1
65	Effects of classical PKC activation on hippocampal neurogenesis and cognitive performance: mechanism of action. <i>Neuropsychopharmacology</i> , 2021 , 46, 1207-1219	8.7	7
64	Alzheimer's Disease and Diabetes: Role of Diet, Microbiota and Inflammation in Preclinical Models. <i>Biomolecules</i> , 2021 , 11,	5.9	13
63	Liraglutide Reduces Vascular Damage, Neuronal Loss, and Cognitive Impairment in a Mixed Murine Model of Alzheimer's Disease and Type 2 Diabetes.. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 741923	5.3	2
62	Increased mitochondrial calcium levels associated with neuronal death in a mouse model of Alzheimer's disease. <i>Nature Communications</i> , 2020 , 11, 2146	17.4	85
61	Cell proliferation and neurogenesis alterations in Alzheimer's disease and diabetes mellitus mixed murine models. <i>Journal of Neurochemistry</i> , 2020 , 154, 673-692	6	6
60	A novel PKC activating molecule promotes neuroblast differentiation and delivery of newborn neurons in brain injuries. <i>Cell Death and Disease</i> , 2020 , 11, 262	9.8	7
59	Amyloid beta and diabetic pathology cooperatively stimulate cytokine expression in an Alzheimer's mouse model. <i>Journal of Neuroinflammation</i> , 2020 , 17, 38	10.1	20
58	Erythropoietin Improves Atrophy, Bleeding and Cognition in the Newborn Intraventricular Hemorrhage. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 571258	5.7	4
57	Germinal Matrix-Intraventricular Hemorrhage of the Preterm Newborn and Preclinical Models: Inflammatory Considerations. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
56	Empagliflozin reduces vascular damage and cognitive impairment in a mixed murine model of Alzheimer's disease and type 2 diabetes. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 40	9	28
55	Review of the Effect of Natural Compounds and Extracts on Neurodegeneration in Animal Models of Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
54	Transcriptional correlates of the pathological phenotype in a Huntington's disease mouse model. <i>Scientific Reports</i> , 2019 , 9, 18696	4.9	7
53	Altered plasma-type gelsolin and amyloid- β in neonates with hypoxic-ischaemic encephalopathy under therapeutic hypothermia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 1349-1354	7.3	3
52	Cognitive Impairment and Brain and Peripheral Alterations in a Murine Model of Intraventricular Hemorrhage in the Preterm Newborn. <i>Molecular Neurobiology</i> , 2018 , 55, 4896-4910	6.2	9

51	Imaging of Microglia With Multiphoton Microscopy. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 218	5.3	21
50	Antidiabetic Polypill Improves Central Pathology and Cognitive Impairment in a Mixed Model of Alzheimer's Disease and Type 2 Diabetes. <i>Molecular Neurobiology</i> , 2018 , 55, 6130-6144	6.2	21
49	Progressive Neuronal Pathology and Synaptic Loss Induced by Prediabetes and Type 2 Diabetes in a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 3428-3438	6.2	38
48	Intranasal insulin reverts central pathology and cognitive impairment in diabetic mother offspring. <i>Molecular Neurodegeneration</i> , 2017 , 12, 57	19	12
47	Mango leaf extract improves central pathology and cognitive impairment in a type 2 diabetes mouse model. <i>Brain Pathology</i> , 2017 , 27, 499-507	6	19
46	Long-Term Mangiferin Extract Treatment Improves Central Pathology and Cognitive Deficits in APP/PS1 Mice. <i>Molecular Neurobiology</i> , 2017 , 54, 4696-4704	6.2	26
45	Increased Spontaneous Central Bleeding and Cognition Impairment in APP/PS1 Mice with Poorly Controlled Diabetes Mellitus. <i>Molecular Neurobiology</i> , 2016 , 53, 2685-97	6.2	22
44	Human tau increases amyloid β plaque size but not amyloid β -mediated synapse loss in a novel mouse model of Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2016 , 44, 3056-3066	3.5	57
43	Long-term central pathology and cognitive impairment are exacerbated in a mixed model of Alzheimer's disease and type 2 diabetes. <i>Psychoneuroendocrinology</i> , 2016 , 65, 15-25	5	34
42	Central vascular disease and exacerbated pathology in a mixed model of type 2 diabetes and Alzheimer's disease. <i>Psychoneuroendocrinology</i> , 2015 , 62, 69-79	5	42
41	Low-voltage pattern and absence of sleep-wake cycles are associated with severe hemorrhage and death in very preterm infants. <i>European Journal of Pediatrics</i> , 2015 , 174, 85-90	4.1	20
40	Prediabetes and type 2 diabetes implication in central proliferation and neurogenesis. <i>Neural Regeneration Research</i> , 2015 , 10, 28-9	4.5	1
39	Prediabetes-induced vascular alterations exacerbate central pathology in APP ^{swe} /PS1 ^{dE9} mice. <i>Psychoneuroendocrinology</i> , 2014 , 48, 123-35	5	42
38	Central proliferation and neurogenesis is impaired in type 2 diabetes and prediabetes animal models. <i>PLoS ONE</i> , 2014 , 9, e89229	3.7	60
37	Differential central pathology and cognitive impairment in pre-diabetic and diabetic mice. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2462-75	5	94
36	Four-dimensional microglia response to anti-A β treatment in APP/PS1 \times CX3CR1/GFP mice. <i>Intravital</i> , 2013 , 2,		6
35	Rapid β amyloid deposition and cognitive impairment after cholinergic denervation in APP/PS1 mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013 , 72, 272-85	3.1	58
34	Specific serotonergic denervation affects tau pathology and cognition without altering senile plaques deposition in APP/PS1 mice. <i>PLoS ONE</i> , 2013 , 8, e79947	3.7	23

33	Increased A β production prompts the onset of glucose intolerance and insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E1373-80	6	71
32	Reducing available soluble β amyloid prevents progression of cerebral amyloid angiopathy in transgenic mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012 , 71, 1009-17	3.1	8
31	Cerebrovascular lesions induce transient β amyloid deposition. <i>Brain</i> , 2011 , 134, 3697-707	11.2	134
30	Antioxidants have a rapid and long-lasting effect on neuritic abnormalities in APP:PS1 mice. <i>Neurobiology of Aging</i> , 2010 , 31, 2058-68	5.6	29
29	Altered NCAM expression associated with the cholinergic system in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2010 , 20, 659-68	4.3	30
28	Triflusal reduces dense-core plaque load, associated axonal alterations and inflammatory changes, and rescues cognition in a transgenic mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2010 , 38, 482-91	7.5	39
27	Oligomeric amyloid beta associates with postsynaptic densities and correlates with excitatory synapse loss near senile plaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4012-7	11.5	603
26	Existing plaques and neuritic abnormalities in APP:PS1 mice are not affected by administration of the gamma-secretase inhibitor LY-411575. <i>Molecular Neurodegeneration</i> , 2009 , 4, 19	19	49
25	Matrix metalloproteinase inhibition reduces oxidative stress associated with cerebral amyloid angiopathy in vivo in transgenic mice. <i>Journal of Neurochemistry</i> , 2009 , 109, 1636-47	6	50
24	Rapid appearance and local toxicity of amyloid-beta plaques in a mouse model of Alzheimer's disease. <i>Nature</i> , 2008 , 451, 720-4	50.4	774
23	Rapid microglial response around amyloid pathology after systemic anti-A β antibody administration in PDAPP mice. <i>Journal of Neuroscience</i> , 2008 , 28, 14156-64	6.6	122
22	Involvement of an altered 5-HT $_2$ receptor function in behavioral symptoms of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2008 , 14, 43-50	4.3	35
21	Detection of isolated cerebrovascular beta-amyloid with Pittsburgh compound B. <i>Annals of Neurology</i> , 2008 , 64, 587-91	9.4	77
20	Curcumin labels amyloid pathology in vivo, disrupts existing plaques, and partially restores distorted neurites in an Alzheimer mouse model. <i>Journal of Neurochemistry</i> , 2007 , 102, 1095-104	6	490
19	A limited role for microglia in antibody mediated plaque clearance in APP mice. <i>Neurobiology of Disease</i> , 2007 , 28, 286-92	7.5	33
18	Antibody-mediated clearance of amyloid-beta peptide from cerebral amyloid angiopathy revealed by quantitative in vivo imaging. <i>Journal of Neuroscience</i> , 2007 , 27, 1973-80	6.6	51
17	Age-dependent cerebrovascular dysfunction in a transgenic mouse model of cerebral amyloid angiopathy. <i>Brain</i> , 2007 , 130, 2310-9	11.2	146
16	EFFECT OF PASSIVE IMMUNOTHERAPY ON THE RATE OF PROGRESSION OF CEREBRAL AMYLOID ANGIOPATHY (CAA) IN TRANSGENIC MICE. <i>FASEB Journal</i> , 2007 , 21, A73	0.9	

15	Selective effects of the APOE epsilon4 allele on presynaptic cholinergic markers in the neocortex of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2006 , 22, 555-61	7.5	23
14	Characterization of amyloid deposition in the APP ^{swe} /PS1 ^{dE9} mouse model of Alzheimer disease. <i>Neurobiology of Disease</i> , 2006 , 24, 516-24	7.5	525
13	Kinetics of cerebral amyloid angiopathy progression in a transgenic mouse model of Alzheimer disease. <i>Journal of Neuroscience</i> , 2006 , 26, 365-71	6.6	61
12	Involvement of the GABAergic system in depressive symptoms of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2006 , 27, 1110-7	5.6	48
11	Plaque-derived oxidative stress mediates distorted neurite trajectories in the Alzheimer mouse model. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006 , 65, 1082-9	3.1	73
10	Effect of selective cholinergic denervation on the serotonergic system: implications for learning and memory. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006 , 65, 1074-81	3.1	32
9	Lack of localization of 5-HT ₆ receptors on cholinergic neurons: implication of multiple neurotransmitter systems in 5-HT ₆ receptor-mediated acetylcholine release. <i>European Journal of Neuroscience</i> , 2006 , 24, 1299-306	3.5	101
8	Progression of cerebral amyloid angiopathy in transgenic mouse models of Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005 , 64, 588-94	3.1	46
7	Evaluation of cholinergic markers in Alzheimer's disease and in a model of cholinergic deficit. <i>Neuroscience Letters</i> , 2005 , 375, 37-41	3.3	56
6	Cholinergic-serotonergic imbalance contributes to cognitive and behavioral symptoms in Alzheimer's disease. <i>Neuropsychologia</i> , 2005 , 43, 442-9	3.2	165
5	Differential involvement of 5-HT(1B/1D) and 5-HT ₆ receptors in cognitive and non-cognitive symptoms in Alzheimer's disease. <i>Neuropsychopharmacology</i> , 2004 , 29, 410-6	8.7	108
4	Facilitation of cholinergic transmission by combined treatment of ondansetron with flumazenil after cortical cholinergic deafferentation. <i>Neuropharmacology</i> , 2004 , 47, 225-32	5.5	14
3	Techniques for brain imaging in vivo. <i>NeuroMolecular Medicine</i> , 2004 , 6, 65-78	4.6	25
2	Flumazenil and tacrine increase the effectiveness of ondansetron on scopolamine-induced impairment of spatial learning in rats. <i>Psychopharmacology</i> , 2003 , 169, 35-41	4.7	21
1	GABA(A) receptor antagonists enhance cortical acetylcholine release induced by 5-HT(3) receptor blockade in freely moving rats. <i>Brain Research</i> , 2002 , 956, 81-5	3.7	33