

# Laura Gasparini

## List of Publications by Year in descending order

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53  
papers

4,028  
citations

172386

29  
h-index

168321

53  
g-index

59  
all docs

59  
docs citations

59  
times ranked

5867  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulation of $\beta$ -Amyloid Precursor Protein Trafficking by Insulin Reduces Intraneuronal $\beta$ -Amyloid and Requires Mitogen-Activated Protein Kinase Signaling. <i>Journal of Neuroscience</i> , 2001, 21, 2561-2570.	1.7	460
2	Antidiabetic drug metformin (Glucophage <sup>R</sup> ) increases biogenesis of Alzheimer's amyloid peptides via up-regulating <i>BACE1</i> transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3907-3912.	3.3	347
3	Does insulin dysfunction play a role in Alzheimer's disease?. <i>Trends in Pharmacological Sciences</i> , 2002, 23, 288-293.	4.0	292
4	Potential roles of insulin and IGF-1 in Alzheimer's disease. <i>Trends in Neurosciences</i> , 2003, 26, 404-406.	4.2	248
5	Non-steroidal anti-inflammatory drugs (NSAIDs) in Alzheimer's disease: old and new mechanisms of action. <i>Journal of Neurochemistry</i> , 2004, 91, 521-536.	2.1	215
6	Characterization of a Presenilin-mediated Amyloid Precursor Protein Carboxyl-terminal Fragment $\beta$ <sup>3</sup> . <i>Journal of Biological Chemistry</i> , 2001, 276, 43756-43760.	1.6	188
7	Interaction of tau protein with the dynactin complex. <i>EMBO Journal</i> , 2007, 26, 4546-4554.	3.5	171
8	Lithium rescues synaptic plasticity and memory in Down syndrome mice. <i>Journal of Clinical Investigation</i> , 2013, 123, 348-361.	3.9	136
9	A large genomic deletion leads to enhancer adoption by the lamin B1 gene: a second path to autosomal dominant adult-onset demyelinating leukodystrophy (ADLD). <i>Human Molecular Genetics</i> , 2015, 24, 3143-3154.	1.4	117
10	Dominant $\beta$ -catenin mutations cause intellectual disability with recognizable syndromic features. <i>Journal of Clinical Investigation</i> , 2014, 124, 1468-1482.	3.9	110
11	Communication breaks-Down: From neurodevelopment defects to cognitive disabilities in Down syndrome. <i>Progress in Neurobiology</i> , 2010, 91, 1-22.	2.8	109
12	Tau inclusions in retinal ganglion cells of human P301S tau transgenic mice: Effects on axonal viability. <i>Neurobiology of Aging</i> , 2011, 32, 419-433.	1.5	108
13	Metformin promotes tau aggregation and exacerbates abnormal behavior in a mouse model of tauopathy. <i>Molecular Neurodegeneration</i> , 2016, 11, 16.	4.4	96
14	Effect of energy shortage and oxidative stress on amyloid precursor protein metabolism in COS cells. <i>Neuroscience Letters</i> , 1997, 231, 113-117.	1.0	88
15	Modulation of $\beta$ -amyloid metabolism by non-steroidal anti-inflammatory drugs in neuronal cell cultures. <i>Journal of Neurochemistry</i> , 2004, 88, 337-348.	2.1	88
16	Attenuation of chronic neuroinflammation by a nitric oxide-releasing derivative of the antioxidant ferulic acid. <i>Journal of Neurochemistry</i> , 2004, 89, 484-493.	2.1	82
17	Oxidative metabolism in cultured fibroblasts derived from sporadic Alzheimer's disease (AD) patients. <i>Neuroscience Letters</i> , 1997, 236, 13-16.	1.0	76
18	Early behavioural markers of disease in P301S tau transgenic mice. <i>Behavioural Brain Research</i> , 2010, 208, 250-257.	1.2	76

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19	Frontotemporal Dementia with Tau Pathology. <i>Neurodegenerative Diseases</i> , 2007, 4, 236-253.	0.8	69
20	Presenilin 1 Protein Directly Interacts with Bcl-2. <i>Journal of Biological Chemistry</i> , 1999, 274, 30764-30769.	1.6	67
21	Lamin B1 overexpression increases nuclear rigidity in autosomal dominant leukodystrophy fibroblasts. <i>FASEB Journal</i> , 2014, 28, 3906-3918.	0.2	67
22	A Role for Presenilin 1 in Regulating the Delivery of Amyloid Precursor Protein to the Cell Surface. <i>Neurobiology of Disease</i> , 2002, 11, 64-82.	2.1	65
23	Activity of flurbiprofen and chemically related anti-inflammatory drugs in models of Alzheimer's disease. <i>Brain Research Reviews</i> , 2005, 48, 400-408.	9.1	65
24	Effects of antiepileptic drugs on hippocampal neurons coupled to micro-electrode arrays. <i>Frontiers in Neuroengineering</i> , 2013, 6, 10.	4.8	61
25	Tau-Driven Neuronal and Neurotrophic Dysfunction in a Mouse Model of Early Tauopathy. <i>Journal of Neuroscience</i> , 2016, 36, 2086-2100.	1.7	56
26	Specific role for protein kinase C $\alpha$ in the constitutive and regulated secretion of amyloid precursor protein in human skin fibroblasts. <i>Neuroscience Letters</i> , 1998, 240, 97-101.	1.0	54
27	Nuclear receptor peroxisome proliferator-activated receptor-gamma is activated in rat microglial cells by the anti-inflammatory drug HCT1026, a derivative of flurbiprofen. <i>Journal of Neurochemistry</i> , 2005, 92, 895-903.	2.1	54
28	Modulation of iNOS expression by a nitric oxide-releasing derivative of the natural antioxidant ferulic acid in activated RAW 264.7 macrophages. <i>European Journal of Pharmacology</i> , 2006, 532, 162-169.	1.7	48
29	Lamin B1 protein is required for dendrite development in primary mouse cortical neurons. <i>Molecular Biology of the Cell</i> , 2016, 27, 35-47.	0.9	36
30	Lamin B1 levels modulate differentiation into neurons during embryonic corticogenesis. <i>Scientific Reports</i> , 2017, 7, 4897.	1.6	33
31	Resting microglia react to A $\beta$ 242 fibrils but do not detect oligomers or oligomer-induced neuronal damage. <i>Neurobiology of Aging</i> , 2014, 35, 2444-2457.	1.5	32
32	Energy metabolism inhibition impairs amyloid precursor protein secretion from Alzheimer's fibroblasts. <i>Neuroscience Letters</i> , 1999, 263, 197-200.	1.0	29
33	Messenger RNA processing is altered in autosomal dominant leukodystrophy. <i>Human Molecular Genetics</i> , 2015, 24, 2746-2756.	1.4	27
34	Oct-1 recruitment to the nuclear envelope in adult-onset autosomal dominant leukodystrophy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 411-420.	1.8	25
35	A nitric oxide releasing derivative of flurbiprofen inhibits experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2004, 150, 10-19.	1.1	24
36	Peripheral cells as an investigational tool for Alzheimer's disease. <i>Life Sciences</i> , 1996, 59, 461-468.	2.0	22

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37	Dynamic regulation of microglial functions by the non-steroidal anti-inflammatory drug NCX 2216: Implications for chronic treatments of neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2006, 22, 25-32.	2.1	22
38	Î²-amyloid and glutamate receptors. <i>Experimental Neurology</i> , 2008, 212, 1-4.	2.0	22
39	NO-donor thiocarbocyanines as multifunctional agents for Alzheimerâ€™s disease. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4688-4698.	1.4	21
40	N368-Tau fragments generated by legumain are detected only in trace amount in the insoluble Tau aggregates isolated from AD brain. <i>Acta Neuropathologica Communications</i> , 2019, 7, 177.	2.4	17
41	Tau in the brain interstitial fluid is fragmented and seedingâ€‘competent. <i>Neurobiology of Aging</i> , 2022, 109, 64-77.	1.5	15
42	CLIC1 functional expression is required for cAMPâ€‘induced neurite elongation in postnatal mouse retinal ganglion cells. <i>Journal of Neurochemistry</i> , 2014, 131, 444-456.	2.1	13
43	Advanced imaging of tau pathology in Alzheimer Disease: New perspectives from super resolution microscopy and labelâ€‘free nanoscopy. <i>Microscopy Research and Technique</i> , 2016, 79, 677-683.	1.2	13
44	Mice overexpressing lamin B1 in oligodendrocytes recapitulate the age-dependent motor signs, but not the early autonomic cardiovascular dysfunction of autosomal-dominant leukodystrophy (ADLD). <i>Experimental Neurology</i> , 2018, 301, 1-12.	2.0	11
45	Detection of the Presenilin 1 COOH-Terminal Fragment in the Extracellular Compartment: A Release Enhanced by Apoptosis. <i>Experimental Cell Research</i> , 2001, 269, 256-265.	1.2	10
46	Analysis of Alpha-2-Macroglobulin-2 Allele as a Risk Factor in Alzheimerâ€™s Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2001, 12, 305-308.	0.7	10
47	Inhibition of energy metabolism down-regulates the Alzheimer related presenilin 2 gene. <i>Journal of Neural Transmission</i> , 2003, 110, 1029-1039.	1.4	10
48	Cellâ€‘cell coupling and DNA methylation abnormal phenotypes in the after-hours mice. <i>Epigenetics and Chromatin</i> , 2021, 14, 1.	1.8	9
49	SETD7-mediated monomethylation is enriched on soluble Tau in Alzheimerâ€™s disease. <i>Molecular Neurodegeneration</i> , 2021, 16, 46.	4.4	4
50	Modulation of Presenilin-1 Processing by Nitric Oxide during Apoptosis Induced by Serum Withdrawal and Glucose Deprivation. <i>Annals of the New York Academy of Sciences</i> , 1999, 893, 294-297.	1.8	2
51	P4-214 A nitric oxide-releasing derivative of the antioxidant ferulic acid, NCX 2057, attenuates chronic neuroinflammation in rat. <i>Neurobiology of Aging</i> , 2004, 25, S536.	1.5	2
52	A review on the neurobiological basis of memory. <i>Archives of Gerontology and Geriatrics</i> , 1998, 26, 225-234.	1.4	1
53	Experimental Models of Tau Aggregation. , 2018, , 953-973.		1