

# Sonia Do Carmo

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,947  
citations

257429

24  
h-index

361001

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2693  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perturbed mitochondria-ER contacts in live neurons modelling Alzheimer's disease amyloid pathology. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	35
2	Experimental Pharmacology in Transgenic Rodent Models of Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 189.	3.5	13
3	Effect of antioxidant supplements on lipid peroxidation levels in primary cortical neuron cultures. <i>Free Radical Biology and Medicine</i> , 2019, 130, 471-477.	2.9	10
4	Platelets Bioenergetics Screening Reflects the Impact of Brain A $\beta$ 2 Plaque Accumulation in a Rat Model of Alzheimer. <i>Neurochemical Research</i> , 2019, 44, 1375-1386.	3.3	7
5	Compromise of cortical proNGF maturation causes selective retrograde atrophy in cholinergic nucleus basalis neurons. <i>Neurobiology of Aging</i> , 2018, 67, 10-20.	3.1	27
6	Chronic Hippocampal Expression of Notch Intracellular Domain Induces Vascular Thickening, Reduces Glucose Availability, and Exacerbates Spatial Memory Deficits in a Rat Model of Early Alzheimer. <i>Molecular Neurobiology</i> , 2018, 55, 8637-8650.	4.0	12
7	Hippocampal Proteomic Analysis Reveals Distinct Pathway Deregulation Profiles at Early and Late Stages in a Rat Model of Alzheimer's-Like Amyloid Pathology. <i>Molecular Neurobiology</i> , 2018, 55, 3451-3476.	4.0	21
8	Microdose Lithium NP03 Diminishes Pre-Plaque Oxidative Damage and Neuroinflammation in a Rat Model of Alzheimer's-like Amyloidosis. <i>Current Alzheimer Research</i> , 2018, 15, 1220-1230.	1.4	18
9	Evidence of intraneuronal A $\beta$ 2 accumulation preceding tau pathology in the entorhinal cortex. <i>Acta Neuropathologica</i> , 2018, 136, 901-917.	7.7	65
10	Apolipoprotein D Overexpression Protects Against Kainate-Induced Neurotoxicity in Mice. <i>Molecular Neurobiology</i> , 2017, 54, 3948-3963.	4.0	12
11	Therapeutic benefits of the methyl donor S-adenosylmethionine on nerve injury-induced mechanical hypersensitivity and cognitive impairment in mice. <i>Pain</i> , 2017, 158, 802-810.	4.2	45
12	Worsening of memory deficit induced by energy-dense diet in a rat model of early-Alzheimer's disease is associated to neurotoxic A $\beta$ 2 species and independent of neuroinflammation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 731-743.	3.8	28
13	Multimodal Imaging in Rat Model Recapitulates Alzheimer's Disease Biomarkers Abnormalities. <i>Journal of Neuroscience</i> , 2017, 37, 12263-12271.	3.6	44
14	Differential deregulation of NGF and BDNF neurotrophins in a transgenic rat model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2017, 108, 307-323.	4.4	66
15	Rescue of Early bace-1 and Global DNA Demethylation by S-Adenosylmethionine Reduces Amyloid Pathology and Improves Cognition in an Alzheimer's Model. <i>Scientific Reports</i> , 2016, 6, 34051.	3.3	49
16	Intraneuronal Amyloid Beta Accumulation Disrupts Hippocampal CRTC1-Dependent Gene Expression and Cognitive Function in a Rat Model of Alzheimer Disease. <i>Cerebral Cortex</i> , 2016, 27, 1501-1511.	2.9	39
17	The Multi-Target Drug M30 Shows Pro-Cognitive and Anti-Inflammatory Effects in a Rat Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 373-383.	2.6	19
18	Longitudinal analysis of the behavioral phenotype in a novel transgenic rat model of early stages of Alzheimer's disease. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 321.	2.0	61

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19	Longitudinal testing of hippocampal plasticity reveals the onset and maintenance of endogenous human A $\beta$ -induced synaptic dysfunction in individual freely behaving pre-plaque transgenic rats: rapid reversal by anti-A $\beta$ agents. <i>Acta Neuropathologica Communications</i> , 2014, 2, 175.	5.2	32
20	Comparative analysis of the cold acclimation and freezing tolerance capacities of seven diploid <i>Brachypodium distachyon</i> accessions. <i>Annals of Botany</i> , 2014, 113, 681-693.	2.9	60
21	Intracellular A $\beta$ <sup>2</sup> pathology and early cognitive impairments in a transgenic rat overexpressing human amyloid precursor protein: a multidimensional study. <i>Acta Neuropathologica Communications</i> , 2014, 2, 61.	5.2	84
22	Nerve growth factor metabolic dysfunction in Downâ€™s syndrome brains. <i>Brain</i> , 2014, 137, 860-872.	7.6	75
23	Neuronal driven pre-plaque inflammation in a transgenic rat model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 2249-2262.	3.1	123
24	Modeling Alzheimerâ€™s disease in transgenic rats. <i>Molecular Neurodegeneration</i> , 2013, 8, 37.	10.8	144
25	Cryopreservation of insulin-secreting INS832/13 cells using a wheat protein formulation. <i>Cryobiology</i> , 2013, 66, 136-143.	0.7	7
26	Apolipoprotein D alters the early transcriptional response to oxidative stress in the adult cerebellum. <i>Journal of Neurochemistry</i> , 2011, 117, 949-960.	3.9	49
27	Characterization of nuclear factors modulating the apolipoprotein D promoter during growth arrest: Implication of PARP-1, APEX-1 and ERK1/2 catalytic activities. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 1062-1071.	4.1	19
28	ApoD, a gliaâ€™derived apolipoprotein, is required for peripheral nerve functional integrity and a timely response to injury. <i>Glia</i> , 2010, 58, 1320-1334.	4.9	71
29	Human apolipoprotein D overexpression in transgenic mice induces insulin resistance and alters lipid metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E802-E811.	3.5	43
30	Modulation of Apolipoprotein D levels in human pregnancy and association with gestational weight gain. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 92.	3.3	18
31	Apolipoprotein D is involved in the mechanisms regulating protection from oxidative stress. <i>Aging Cell</i> , 2008, 7, 506-515.	6.7	199
32	Neuroprotective Effect of Apolipoprotein D against Human Coronavirus OC43-Induced Encephalitis in Mice. <i>Journal of Neuroscience</i> , 2008, 28, 10330-10338.	3.6	75
33	Modulation of apolipoprotein D expression and translocation under specific stress conditions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 954-969.	4.1	69
34	Modulation of Apolipoprotein D and Apolipoprotein E mRNA Expression by Growth Arrest and Identification of Key Elements in the Promoter. <i>Journal of Biological Chemistry</i> , 2002, 277, 5514-5523.	3.4	55
35	Apolipoprotein D. <i>BBA - Proteins and Proteomics</i> , 2000, 1482, 185-198.	2.1	253