

Giuseppina Amadoro

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

6,988
citations

172457

29
h-index

168389

53
g-index

55
all docs

55
docs citations

55
times ranked

16862
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	NMDA receptor mediates tau-induced neurotoxicity by calpain and ERK/MAPK activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2892-2897.	7.1	218
3	Role of the autophagic-lysosomal system on low potassium-induced apoptosis in cultured cerebellar granule cells. <i>Journal of Neurochemistry</i> , 2005, 92, 1228-1242.	3.9	126
4	Mitochondrial respiratory chain Complexes I and IV are impaired by β^2 -amyloid via direct interaction and through Complex I-dependent ROS production, respectively. <i>Mitochondrion</i> , 2013, 13, 298-311.	3.4	117
5	NH2-truncated human tau induces deregulated mitophagy in neurons by aberrant recruitment of Parkin and UCHL-1: implications in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2015, 24, 3058-3081.	2.9	103
6	Apoptosis and in vitro Alzheimer's disease neuronal models. <i>Communicative and Integrative Biology</i> , 2009, 2, 163-169.	1.4	98
7	Impaired adult neurogenesis is an early event in Alzheimer's disease neurodegeneration, mediated by intracellular $A\beta$ oligomers. <i>Cell Death and Differentiation</i> , 2020, 27, 934-948.	11.2	97
8	Isolation and characterization of VGF peptides in rat brain. Role of PC1/3 and PC2 in the maturation of VGF precursor. <i>Journal of Neurochemistry</i> , 2002, 81, 565-574.	3.9	92
9	A NH2 Tau Fragment Targets Neuronal Mitochondria at AD Synapses: Possible Implications for Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 445-470.	2.6	92
10	Interaction between NH2-tau fragment and $A\beta$ in Alzheimer's disease mitochondria contributes to the synaptic deterioration. <i>Neurobiology of Aging</i> , 2012, 33, 833.e1-833.e25.	3.1	78
11	Nerve growth factor as a paradigm of neurotrophins related to Alzheimer's disease. <i>Developmental Neurobiology</i> , 2010, 70, 372-383.	3.0	73
12	Role of N-terminal tau domain integrity on the survival of cerebellar granule neurons. <i>Cell Death and Differentiation</i> , 2004, 11, 217-230.	11.2	72
13	A peptide containing residues 26-44 of tau protein impairs mitochondrial oxidative phosphorylation acting at the level of the adenine nucleotide translocator. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 1289-1300.	1.0	72
14	Morphological and bioenergetic demands underlying the mitophagy in post-mitotic neurons: the parkin pathway. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 18.	3.4	62
15	AD-linked, toxic NH2 human tau affects the quality control of mitochondria in neurons. <i>Neurobiology of Disease</i> , 2014, 62, 489-507.	4.4	62
16	Endogenous $A\beta$ causes cell death via early tau hyperphosphorylation. <i>Neurobiology of Aging</i> , 2011, 32, 969-990.	3.1	61
17	Identification of a caspase-derived N-terminal tau fragment in cellular and animal Alzheimer's disease models. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 381-392.	2.2	59
18	A disease with a sweet tooth: exploring the Warburg effect in Alzheimer's disease. <i>Biogerontology</i> , 2017, 18, 301-319.	3.9	56

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19	The Intersection of NGF/TrkA Signaling and Amyloid Precursor Protein Processing in Alzheimer's Disease Neuropathology. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1319.	4.1	56
20	Extracellular truncated tau causes early presynaptic dysfunction associated with Alzheimer's disease and other tauopathies. <i>Oncotarget</i> , 2017, 8, 64745-64778.	1.8	49
21	Substance P provides neuroprotection in cerebellar granule cells through Akt and MAPK/Erk activation: Evidence for the involvement of the delayed rectifier potassium current. <i>Neuropharmacology</i> , 2007, 52, 1366-1377.	4.1	41
22	SP protects cerebellar granule cells against β -amyloid-induced apoptosis by down-regulation and reduced activity of Kv4 potassium channels. <i>Neuropharmacology</i> , 2010, 58, 268-276.	4.1	41
23	Cerebrospinal Fluid Levels of a 20 kDa NH2 Fragment of Human Tau Provide a Novel Neuronal Injury Biomarker in Alzheimer's Disease and Other Dementias. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 211-226.	2.6	40
24	Interaction of Tau with Fe65 links tau to APP. <i>Neurobiology of Disease</i> , 2005, 18, 399-408.	4.4	35
25	Impaired NGF/TrkA Signaling Causes Early AD-Linked Presynaptic Dysfunction in Cholinergic Primary Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 68.	3.7	35
26	Does the term "trophic" actually mean anti-amyloidogenic? The case of NGF. <i>Cell Death and Differentiation</i> , 2010, 17, 1126-1133.	11.2	33
27	Functional Foods: An Approach to Modulate Molecular Mechanisms of Alzheimer's Disease. <i>Cells</i> , 2020, 9, 2347.	4.1	33
28	Glycolytic enzyme upregulation and numbness of mitochondrial activity characterize the early phase of apoptosis in cerebellar granule cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 10-28.	4.9	32
29	Rb binding protein Che-1 interacts with Tau in cerebellar granule neurons. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 1038-1050.	2.2	31
30	Dopamine transporter gene expression in rat mesencephalic dopaminergic neurons is increased by direct interaction with target striatal cells in vitro. <i>Molecular Brain Research</i> , 1996, 39, 160-166.	2.3	30
31	Passive immunotherapy for N-truncated tau ameliorates the cognitive deficits in two mouse Alzheimer's disease models. <i>Brain Communications</i> , 2020, 2, fcaa039.	3.3	29
32	The Copper(II)-Assisted Connection between NGF and BDNF by Means of Nerve Growth Factor-Mimicking Short Peptides. <i>Cells</i> , 2019, 8, 301.	4.1	25
33	N-terminal tau truncation in the pathogenesis of Alzheimer's disease (AD): Developing a novel diagnostic and therapeutic approach. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165584.	3.8	22
34	Tau Cleavage Contributes to Cognitive Dysfunction in Strepto-Zotocin-Induced Sporadic Alzheimer's Disease (sAD) Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12158.	4.1	18
35	Involvement of cannabinoid CB1- and CB2-receptors in the modulation of exocrine pancreatic secretion. <i>Pharmacological Research</i> , 2009, 59, 207-214.	7.1	17
36	Dissecting the molecular mechanism by which NH2tau and A β 1-42 peptides impair mitochondrial ANT-1 in Alzheimer disease. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 848-860.	1.0	16

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37	AD-Related N-Terminal Truncated Tau Is Sufficient to Recapitulate In Vivo the Early Perturbations of Human Neuropathology: Implications for Immunotherapy. <i>Molecular Neurobiology</i> , 2018, 55, 8124-8153.	4.0	16
38	Dynamic structural determinants underlie the neurotoxicity of the N-terminal tau 26-44 peptide in Alzheimer's disease and other human tauopathies. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 278-289.	7.5	16
39	Systemic delivery of a specific antibody targeting the pathological N-terminal truncated tau peptide reduces retinal degeneration in a mouse model of Alzheimer's Disease. <i>Acta Neuropathologica Communications</i> , 2021, 9, 38.	5.2	16
40	Nerve Growth Factor-Based Therapy in Alzheimer's Disease and Age-Related Macular Degeneration. <i>Frontiers in Neuroscience</i> , 2021, 15, 735928.	2.8	15
41	Spontaneous Aggregation and Altered Intracellular Distribution of Endogenous τ -Synuclein During Neuronal Apoptosis. <i>Journal of Alzheimer's Disease</i> , 2008, 13, 151-160.	2.6	14
42	Dysfunction of Mitochondria in Alzheimer's Disease: ANT and VDAC Interact with Toxic Proteins and Aid to Determine the Fate of Brain Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7722.	4.1	14
43	NGF-Dependent Changes in Ubiquitin Homeostasis Trigger Early Cholinergic Degeneration in Cellular and Animal AD-Model. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 487.	3.7	12
44	Glucose-6-phosphate tips the balance in modulating apoptosis in cerebellar granule cells. <i>FEBS Letters</i> , 2015, 589, 651-658.	2.8	11
45	Transfer of the apoptotic message in sister cultures of cerebellar neurons. <i>NeuroReport</i> , 2001, 12, 2137-2140.	1.2	9
46	AMPA Receptors Are Modulated by Tachykinins in Rat Cerebellum Neurons. <i>Journal of Neurophysiology</i> , 2005, 94, 2484-2490.	1.8	9
47	Transient upregulation of translational efficiency in prodromal and early symptomatic Tg2576 mice contributes to $A\beta$ pathology. <i>Neurobiology of Disease</i> , 2020, 139, 104787.	4.4	8
48	AMPK is activated early in cerebellar granule cells undergoing apoptosis and influences VDAC1 phosphorylation status and activity. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 1069-1078.	4.9	7
49	Extracellular ADP prevents neuronal apoptosis via activation of cell antioxidant enzymes and protection of mitochondrial ANT-1. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1338-1349.	1.0	6
50	Role of Oxygen Radicals in Alzheimer's Disease: Focus on Tau Protein. <i>Oxygen</i> , 2021, 1, 96-120.	5.0	5
51	A long story for a short peptide: therapeutic efficacy of a cleavage-specific tau antibody. <i>Neural Regeneration Research</i> , 2021, 16, 2417.	3.0	4
52	P3-052: AN ALZHEIMER'S-LINKED TOXIC NH ₂ -FRAGMENT OF HUMAN TAU AFFECTS THE PARKIN-DRIVEN MITOPHAGY IN PRIMARY HIPPOCAMPAL NEURONS. , 2014, 10, P647-P647.		0