Giuseppina Amadoro

List of Publications by Year
in descending order

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	Dysfunction of Mitochondria in Alzheimerâ€™s Disease: ANT and VDAC Interact with Toxic Proteins and Aid to Determine the Fate of Brain Cells. International Journal of Molecular Sciences, 2022, 23, 7722.	4.1	14
2	A long story for a short peptide: therapeutic efficacy of a cleavage-specific tau antibody. Neural Regeneration Research, 2021, 16, 2417.	3.0	4
3	Systemic delivery of a specific antibody targeting the pathological N-terminal truncated tau peptide reduces retinal degeneration in a mouse model of Alzheimerâ€™s Disease. Acta Neuropathologica Communications, 2021, 9, 38.	5.2	16
4	Nerve Growth Factor-Based Therapy in Alzheimerâ€™s Disease and Age-Related Macular Degeneration. Frontiers in Neuroscience, 2021, 15, 735928.	2.8	15
5	Role of Oxygen Radicals in Alzheimerâ€™s Disease: Focus on Tau Protein. Oxygen, 2021, 1, 96-120.	5.0	5
6	Tau Cleavage Contributes to Cognitive Dysfunction in Strepto-Zotocin-Induced Sporadic Alzheimerâ€™s Disease (sAD) Mouse Model. International Journal of Molecular Sciences, 2021, 22, 12158.	4.1	18
7	Impaired adult neurogenesis is an early event in Alzheimerâ€™s disease neurodegeneration, mediated by intracellular AÎ² oligomers. Cell Death and Differentiation, 2020, 27, 934-948.	11.2	97
8	N-terminal tau truncation in the pathogenesis of Alzheimer's disease (AD): Developing a novel diagnostic and therapeutic approach. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165584.	3.8	22
9	Functional Foods: An Approach to Modulate Molecular Mechanisms of Alzheimerâ€™s Disease. Cells, 2020, 9, 2347.	4.1	33
10	Transient upregulation of translational efficiency in prodromal and early symptomatic Tg2576 mice contributes to AÎ² pathology. Neurobiology of Disease, 2020, 139, 104787.	4.4	8
11	Passive immunotherapy for N-truncated tau ameliorates the cognitive deficits in two mouse Alzheimerâ€™s disease models. Brain Communications, 2020, 2, fcaa039.	3.3	29
12	Dynamic structural determinants underlie the neurotoxicity of the N-terminal tau 26-44 peptide in Alzheimer's disease and other human tauopathies. International Journal of Biological Macromolecules, 2019, 141, 278-289.	7.5	16
13	The Copper(II)-Assisted Connection between NGF and BDNF by Means of Nerve Growth Factor-Mimicking Short Peptides. Cells, 2019, 8, 301.	4.1	25
14	AD-Related N-Terminal Truncated Tau Is Sufficient to Recapitulate In Vivo the Early Perturbations of Human Neuropathology: Implications for Immunotherapy. Molecular Neurobiology, 2018, 55, 8124-8153.	4.0	16
15	NGF-Dependent Changes in Ubiquitin Homeostasis Trigger Early Cholinergic Degeneration in Cellular and Animal AD-Model. Frontiers in Cellular Neuroscience, 2018, 12, 487.	3.7	12
16	A disease with a sweet tooth: exploring the Warburg effect in Alzheimerâ€™s disease. Biogerontology, 2017, 18, 301-319.	3.9	56
17	AMPK is activated early in cerebellar granule cells undergoing apoptosis and influences VADC1 phosphorylation status and activity. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 1069-1078.	4.9	7
18	The Intersection of NGF/TrkA Signaling and Amyloid Precursor Protein Processing in Alzheimerâ€™s Disease Neuropathology. International Journal of Molecular Sciences, 2017, 18, 1319.	4.1	56

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19	Impaired NGF/TrkA Signaling Causes Early AD-Linked Presynaptic Dysfunction in Cholinergic Primary Neurons. Frontiers in Cellular Neuroscience, 2017, 11, 68.	3.7	35
20	Extracellular truncated tau causes early presynaptic dysfunction associated with Alzheimerâ€™s disease and other tauopathies. Oncotarget, 2017, 8, 64745-64778.	1.8	49
21	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
22	Glucoseâ€6â€phosphate tips the balance in modulating apoptosis in cerebellar granule cells. FEBS Letters, 2015, 589, 651-658.	2.8	11
23	Glycolytic enzyme upregulation and numbness of mitochondrial activity characterize the early phase of apoptosis in cerebellar granule cells. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 10-28.	4.9	32
24	NH2-truncated human tau induces deregulated mitophagy in neurons by aberrant recruitment of Parkin and UCHL-1: implications in Alzheimer's disease. Human Molecular Genetics, 2015, 24, 3058-3081.	2.9	103
25	Morphological and bioenergetic demands underlying the mitophagy in post-mitotic neurons: the pinkâ€“parkin pathway. Frontiers in Aging Neuroscience, 2014, 6, 18.	3.4	62
26	P3-052: AN ALZHEIMER'S-LINKED TOXIC NH2-FRAGMENT OF HUMAN TAU AFFECTS THE PARKIN-DRIVEN MITOPHAGY IN PRIMARY HIPPOCAMPAL NEURONS. , 2014, 10, P647-P647.		0
27	AD-linked, toxic NH2 human tau affects the quality control of mitochondria in neurons. Neurobiology of Disease, 2014, 62, 489-507.	4.4	62
28	Extracellular ADP prevents neuronal apoptosis via activation of cell antioxidant enzymes and protection of mitochondrial ANT-1. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 1338-1349.	1.0	6
29	Cerebrospinal Fluid Levels of a 20â€“22 kDa NH2 Fragment of Human Tau Provide a Novel Neuronal Injury Biomarker in Alzheimer's Disease and Other Dementias. Journal of Alzheimer's Disease, 2014, 42, 211-226.	2.6	40
30	Mitochondrial respiratory chain Complexes I and IV are impaired by Î²-amyloid via direct interaction and through Complex I-dependent ROS production, respectively. Mitochondrion, 2013, 13, 298-311.	3.4	117
31	Dissecting the molecular mechanism by which NH2htau and AÎ²1-42 peptides impair mitochondrial ANT-1 in Alzheimer disease. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 848-860.	1.0	16
32	Interaction between NH2-tau fragment and AÎ² in Alzheimer's disease mitochondria contributes to the synaptic deterioration. Neurobiology of Aging, 2012, 33, 833.e1-833.e25.	3.1	78
33	Endogenous AÎ² causes cell death via early tau hyperphosphorylation. Neurobiology of Aging, 2011, 32, 969-990.	3.1	61
34	Nerve growth factor as a paradigm of neurotrophins related to Alzheimer's disease. Developmental Neurobiology, 2010, 70, 372-383.	3.0	73
35	A NH2 Tau Fragment Targets Neuronal Mitochondria at AD Synapses: Possible Implications for Neurodegeneration. Journal of Alzheimer's Disease, 2010, 21, 445-470.	2.6	92
36	SP protects cerebellar granule cells against Î²-amyloid-induced apoptosis by down-regulation and reduced activity of Kv4 potassium channels. Neuropharmacology, 2010, 58, 268-276.	4.1	41

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37	Does the term â€˜trophicâ€™ actually mean anti-amyloidogenic? The case of NGF. Cell Death and Differentiation, 2010, 17, 1126-1133.	11.2	33
38	Apoptosis and in vitro Alzheimerâ€™s disease neuronalÂ models. Communicative and Integrative Biology, 2009, 2, 163-169.	1.4	98
39	Involvement of cannabinoid CB1- and CB2-receptors in the modulation of exocrine pancreatic secretion. Pharmacological Research, 2009, 59, 207-214.	7.1	17
40	A peptide containing residues 26â€“44 of tau protein impairs mitochondrial oxidative phosphorylation acting at the level of the adenine nucleotide translocator. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 1289-1300.	1.0	72
41	Identification of a caspase-derived N-terminal tau fragment in cellular and animal Alzheimer's disease models. Molecular and Cellular Neurosciences, 2008, 38, 381-392.	2.2	59
42	Spontaneous Aggregation and Altered Intracellular Distribution of Endogenous Î±-Synuclein During Neuronal Apoptosis. Journal of Alzheimer's Disease, 2008, 13, 151-160.	2.6	14
43	Substance P provides neuroprotection in cerebellar granule cells through Akt and MAPK/Erk activation: Evidence for the involvement of the delayed rectifier potassium current. Neuropharmacology, 2007, 52, 1366-1377.	4.1	41
44	NMDA receptor mediates tau-induced neurotoxicity by calpain and ERK/MAPK activation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2892-2897.	7.1	218
45	Role of the autophagic-lysosomal system on low potassium-induced apoptosis in cultured cerebellar granule cells. Journal of Neurochemistry, 2005, 92, 1228-1242.	3.9	126
46	AMPA Receptors Are Modulated by Tachykinins in Rat Cerebellum Neurons. Journal of Neurophysiology, 2005, 94, 2484-2490.	1.8	9
47	Interaction of Tau with Fe65 links tau to APP. Neurobiology of Disease, 2005, 18, 399-408.	4.4	35
48	Role of N-terminal tau domain integrity on the survival of cerebellar granule neurons. Cell Death and Differentiation, 2004, 11, 217-230.	11.2	72
49	Rb binding protein Che-1 interacts with Tau in cerebellar granule neurons. Molecular and Cellular Neurosciences, 2003, 24, 1038-1050.	2.2	31
50	Isolation and characterization of VGF peptides in rat brain. Role of PC1/3 and PC2 in the maturation of VGF precursor. Journal of Neurochemistry, 2002, 81, 565-574.	3.9	92
51	Transfer of the apoptotic message in sister cultures of cerebellar neurons. NeuroReport, 2001, 12, 2137-2140.	1.2	9
52	Dopamine transporter gene expression in rat mesencephalic dopaminergic neurons is increased by direct interaction with target striatal cells in vitro. Molecular Brain Research, 1996, 39, 160-166.	2.3	30