Agata Copani

List of Publications by Year
in descending order

47 papers	4,444 citations	101543 36 h-index	214800 47 g-index
48 all docs	48 docs citations	48 times ranked	5938 citing authors

#	Article	IF	Citations
1	Î²-amyloid monomers drive up neuronal aerobic glycolysis in response to energy stressors. Aging, 2021, 13, 18033-18050.	3.1	14
2	Neurobiological links between depression and AD: The role of TGF-Î²1 signaling as a new pharmacological target. Pharmacological Research, 2018, 130, 374-384.	7.1	126
3	Functional partnership between mGlu3 and mGlu5 metabotropic glutamate receptors in the central nervous system. Neuropharmacology, 2018, 128, 301-313.	4.1	79
4	A promising connection between BDNF and Alzheimerâ€™s disease. Aging, 2018, 10, 1791-1792.	3.1	42
5	The impact of metabotropic glutamate receptors into active neurodegenerative processes: A â€œdark sideâ€• in the development of new symptomatic treatments for neurologic and psychiatric disorders. Neuropharmacology, 2017, 115, 180-192.	4.1	62
6	The underexplored question of Î²-amyloid monomers. European Journal of Pharmacology, 2017, 817, 71-75.	3.5	29
7	Fluoxetine Prevents AÎ²1-42-Induced Toxicity via a Paracrine Signaling Mediated by Transforming-Growth-Factor-Î²1. Frontiers in Pharmacology, 2016, 7, 389.	3.5	42
8	Acâ€LPFFDâ€Th: A Trehaloseâ€Conjugated Peptidomimetic as a Strong Suppressor of Amyloidâ€Î² Oligomer Formation and Cytotoxicity. ChemBioChem, 2016, 17, 1541-1549.	2.6	28
9	The antineoplastic drug flavopiridol reverses memory impairment induced by Amyloid-ÃŸ 1-42 oligomers in mice. Pharmacological Research, 2016, 106, 10-20.	7.1	32
10	Monomeric ÃŸ-amyloid interacts with type-1 insulin-like growth factor receptors to provide energy supply to neurons. Frontiers in Cellular Neuroscience, 2015, 9, 297.	3.7	44
11	Identification of 5-Methoxyflavone as a Novel DNA Polymerase-Beta Inhibitor and Neuroprotective Agent against Beta-Amyloid Toxicity. Journal of Natural Products, 2015, 78, 2704-2711.	3.0	21
12	Neuroprotective effects of the monoamine oxidase inhibitor tranylcypromine and its amide derivatives against AÎ²(1â€"42)-induced toxicity. European Journal of Pharmacology, 2015, 764, 256-263.	3.5	14
13	Fingolimod protects cultured cortical neurons against excitotoxic death. Pharmacological Research, 2013, 67, 1-9.	7.1	77
14	Metabotropic glutamate receptors in neurodegeneration/neuroprotection: Still a hot topic?. Neurochemistry International, 2012, 61, 559-565.	3.8	66
15	Beta-Amyloid Monomer and Insulin/IGF-1 Signaling in Alzheimer's Disease. Molecular Neurobiology, 2012, 46, 605-613.	4.0	36
16	DNA polymeraseâ€Î² mediates the neurogenic effect of Î²â€amyloid protein in cultured subventricular zone neurospheres. Journal of Neuroscience Research, 2012, 90, 559-567.	2.9	12
17	Dysfunction of TGF-Î²1 signaling in Alzheimerâ€™s disease: perspectives for neuroprotection. Cell and Tissue Research, 2012, 347, 291-301.	2.9	96
18	TGF-Î²1 Pathway as a New Target for Neuroprotection in Alzheimer's Disease. CNS Neuroscience and Therapeutics, 2011, 17, 237-249.	3.9	96

#	Article	IF	Citations
19	Induction of the Wnt Antagonist Dickkopf-1 Is Involved in Stress-Induced Hippocampal Damage. PLoS ONE, 2011, 6, e16447.	2.5	56
20	Neurotoxic properties of the anabolic androgenic steroids nandrolone and methandrostenolone in primary neuronal cultures. Journal of Neuroscience Research, 2011, 89, 592-600.	2.9	40
21	Targeting Group II Metabotropic Glutamate (mGlu) Receptors for the Treatment of Psychosis Associated with Alzheimer's Disease: Selective Activation of mGlu2 Receptors Amplifies Î²-Amyloid Toxicity in Cultured Neurons, Whereas Dual Activation of mGlu2 and mGlu3 Receptors Is Neuroprotective. Molecular Pharmacology, 2011, 79, 618-626.	2.3	111
22	Depression and Alzheimer's disease: Neurobiological links and common pharmacological targets. European Journal of Pharmacology, 2010, 626, 64-71.	3.5	240
23	Î²-Amyloid Monomers Are Neuroprotective. Journal of Neuroscience, 2009, 29, 10582-10587.	3.6	350
24	The Wnt Antagonist, Dickkopf-1, as a Target for the Treatment of Neurodegenerative Disorders. Neurochemical Research, 2008, 33, 2401-2406.	3.3	55
25	Integrins mediate Î²â€amyloidâ€induced cellâ€cycle activation and neuronal death. Journal of Neuroscience Research, 2008, 86, 350-355.	2.9	36
26	TGF-Î²1 protects against AÎ²-neurotoxicity via the phosphatidylinositol-3-kinase pathway. Neurobiology of Disease, 2008, 30, 234-242.	4.4	74
27	TGF-Î²1 targets the GSK-3Î²/Î²-catenin pathway via ERK activation in the transition of human lung fibroblasts into myofibroblasts. Pharmacological Research, 2008, 57, 274-282.	7.1	180
28	The nature of the cell cycle in neurons: Focus on a â€œnon-canonicalâ€•pathway of DNA replication causally related to death. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2007, 1772, 409-412.	3.8	49
29	The CDC2 I-G-T haplotype associated with the APOE É›4 allele increases the risk of sporadic Alzheimer's disease in Sicily. Neuroscience Letters, 2007, 419, 195-198.	2.1	9
30	Inhibition of the canonical Wnt signaling pathway by apolipoprotein E4 in PC12 cells. Journal of Neurochemistry, 2006, 98, 364-371.	3.9	78
31	Inhibition of Wnt signaling, modulation of Tau phosphorylation and induction of neuronal cell death by DKK1. Neurobiology of Disease, 2006, 24, 254-265.	4.4	107
32	DNA Polymerase-beta Is Expressed Early in Neurons of Alzheimer's Disease Brain and Is Loaded into DNA Replication Forks in Neurons Challenged with beta-Amyloid. Journal of Neuroscience, 2006, 26, 10949-10957.	3.6	76
33	Neuroprotective effects of sigma-1 receptor agonists against beta-amyloid-induced toxicity. NeuroReport, 2005, 16, 1223-1226.	1.2	107
34	Nicergoline, a drug used for age-dependent cognitive impairment, protects cultured neurons against Î²-amyloid toxicity. Brain Research, 2005, 1047, 30-37.	2.2	29
35	Divide and Die: Cell Cycle Events as Triggers of Nerve Cell Death. Journal of Neuroscience, 2004, 24, 9232-9239.	3.6	268
36	Induction of Dickkopf-1, a Negative Modulator of the Wnt Pathway, Is Associated with Neuronal Degeneration in Alzheimer's Brain. Journal of Neuroscience, 2004, 24, 6021-6027.	3.6	337

#	Article	IF	Citations
37	The Wnt pathway, cell-cycle activation and Î²-amyloid: novel therapeutic strategies in Alzheimer's disease?. Trends in Pharmacological Sciences, 2003, 24, 233-238.	8.7	124
38	Erratic expression of DNA polymerases by Î²â€amyloid causes neuronal death. FASEB Journal, 2002, 16, 2006-2008.	0.5	55
39	Î²-Amyloid-Induced Synthesis of the Ganglioside Gd3 Is a Requisite for Cell Cycle Reactivation and Apoptosis in Neurons. Journal of Neuroscience, 2002, 22, 3963-3968.	3.6	89
40	Activation of cell-cycle-associated proteins in neuronal death: a mandatory or dispensable path?. Trends in Neurosciences, 2001, 24, 25-31.	8.6	217
41	An activity-dependent switch from facilitation to inhibition in the control of excitotoxicity by group I metabotropic glutamate receptors. European Journal of Neuroscience, 2001, 13, 1469-1478.	2.6	62
42	Metabotropic Glutamate Receptor Subtypes as Targets for Neuroprotective Drugs. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 1013-1033.	4.3	297
43	Selective activation of group-II metabotropic glutamate receptors is protective against excitotoxic neuronal death. European Journal of Pharmacology, 1998, 356, 271-274.	3.5	44
44	Activation of Metabotropic Glutamate Receptors Prevents Neuronal Apoptosis in Culture. Journal of Neurochemistry, 1995, 64, 101-108.	3.9	109
45	Protective effect of the metabotropic glutamate receptor agonist, DCG-IV, against excitotoxic neuronal death. European Journal of Pharmacology, 1994, 256, 109-112.	3.5	109
46	Î²-Amyloid neurotoxicity: A discussion of in vitro findings. Neurobiology of Aging, 1992, 13, 587-590.	3.1	112
47	B- Amyloid increases neuronal susceptibility to injufy by glucose deprivation. NeuroReport, 1991, 2, 763-765.	1.2	108