Maria Grazia Giovannini

List of Publications by Year
in descending order

29 papers	1,330 citations	516710 16 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	2101 citing authors

#	Article	IF	Citations
1	The Neuron-Astrocyte-Microglia Triad in Normal Brain Ageing and in a Model of Neuroinflammation in the Rat Hippocampus. PLoS ONE, 2012, 7, e45250.	2.5	222
2	Î²-Amyloid-Induced Inflammation and Cholinergic Hypofunction in the Rat Brain in Vivo: Involvement of the p38MAPK Pathway. Neurobiology of Disease, 2002, 11, 257-274.	4.4	211
3	Cholinergic dysfunction, neuronal damage and axonal loss in TgCRND8 mice. Neurobiology of Disease, 2006, 23, 260-272.	4.4	108
4	The fate of the brain cholinergic neurons in neurodegenerative diseases. Brain Research, 2017, 1670, 173-184.	2.2	102
5	Selective adenosine A2a receptor antagonism reduces JNK activation in oligodendrocytes after cerebral ischaemia. Brain, 2009, 132, 1480-1495.	7.6	85
6	The integrated role of ACh, ERK and mTOR in the mechanisms of hippocampal inhibitory avoidance memory. Neurobiology of Learning and Memory, 2015, 119, 18-33.	1.9	76
7	The selective A2A receptor antagonist SCH 58261 protects from neurological deficit, brain damage and activation of p38 MAPK in rat focal cerebral ischemia. Brain Research, 2006, 1073-1074, 470-480.	2.2	74
8	The neuron-astrocyte-microglia triad in a rat model of chronic cerebral hypoperfusion: protective effect of dipyridamole. Frontiers in Aging Neuroscience, 2014, 6, 322.	3.4	53
9	The neuron-astrocyte-microglia triad involvement in neuroinflammaging mechanisms in the CA3 hippocampus of memory-impaired aged rats. Experimental Gerontology, 2016, 83, 71-88.	2.8	52
10	The Emerging Role of the Interplay Among Astrocytes, Microglia, and Neurons in the Hippocampus in Health and Disease. Frontiers in Aging Neuroscience, 2021, 13, 651973.	3.4	36
11	The neuron-astrocyte-microglia triad in CA3 after chronic cerebral hypoperfusion in the rat: Protective effect of dipyridamole. Experimental Gerontology, 2017, 96, 46-62.	2.8	34
12	Different Patterns of Neurodegeneration and Glia Activation in CA1 and CA3 Hippocampal Regions of TgCRND8 Mice. Frontiers in Aging Neuroscience, 2018, 10, 372.	3.4	33
13	The Microbiotaâ€“Gutâ€“Brain Axis and Alzheimer Disease. From Dysbiosis to Neurodegeneration: Focus on the Central Nervous System Glial Cells. Journal of Clinical Medicine, 2021, 10, 2358.	2.4	23
14	Delivery of doxorubicin across the bloodâ€“brain barrier by ondansetron pretreatment: a study in vitro and in vivo. Cancer Letters, 2014, 353, 242-247.	7.2	22
15	Microglial distribution, branching, and clearance activity in aged rat hippocampus are affected by astrocyte meshwork integrity: evidence of a novel cellâ€cell interglial interaction. FASEB Journal, 2019, 33, 4007-4020.	0.5	22
16	A2B Adenosine Receptors: When Outsiders May Become an Attractive Target to Treat Brain Ischemia or Demyelination. International Journal of Molecular Sciences, 2020, 21, 9697.	4.1	19
17	Neuroinflammation: Integrated Nervous Tissue Response through Intercellular Interactions at the â€œWhole Systemâ€•Scale. Cells, 2021, 10, 1195.	4.1	19
18	The Selective Antagonism of P2X7 and P2Y1 Receptors Prevents Synaptic Failure and Affects Cell Proliferation Induced by Oxygen and Glucose Deprivation in Rat Dentate Gyrus. PLoS ONE, 2014, 9, e115273.	2.5	17

#	Article	IF	Citations
19	Clasmatodendrosis and Î²â€amyloidosis in aging hippocampus. FASEB Journal, 2016, 30, 1480-1491.	0.5	16
20	Neuroprotective Effects of Cannabidiol but Not Î”9-Tetrahydrocannabinol in Rat Hippocampal Slices Exposed to Oxygen-Glucose Deprivation: Studies with Cannabis Extracts and Selected Cannabinoids. International Journal of Molecular Sciences, 2021, 22, 9773.	4.1	16
21	Protective Effect of Adenosine A2B Receptor Agonist, BAY60-6583, Against Transient Focal Brain Ischemia in Rat. Frontiers in Pharmacology, 2020, 11, 588757.	3.5	14
22	Neuroprotective effects of mGluR5 activation through the PI3K/Akt pathway and the molecular switch of AMPA receptors. Neuropharmacology, 2020, 162, 107810.	4.1	13
23	NIR Laser Photobiomodulation Induces Neuroprotection in an In Vitro Model of Cerebral Hypoxia/Ischemia. Molecular Neurobiology, 2021, 58, 5383-5395.	4.0	12
24	Dexpramipexole enhances hippocampal synaptic plasticity and memory in the rat. Neuropharmacology, 2018, 143, 306-316.	4.1	11
25	Space-Dependent Gliaâ€“Neuron Interplay in the Hippocampus of Transgenic Models of Î²-Amyloid Deposition. International Journal of Molecular Sciences, 2020, 21, 9441.	4.1	9
26	Hypoxia/Ischemia-Induced Rod Microglia Phenotype in CA1 Hippocampal Slices. International Journal of Molecular Sciences, 2022, 23, 1422.	4.1	9
27	Neurotoxicity of Unconjugated Bilirubin in Mature and Immature Rat Organotypic Hippocampal Slice Cultures. Neonatology, 2019, 115, 217-225.	2.0	8
28	Ethanol neurotoxicity is mediated by changes in expression, surface localization and functional properties of glutamate AMPA receptors. Journal of Neurochemistry, 2021, 157, 2106-2118.	3.9	7
29	Neuronal and Astrocytic Morphological Alterations Driven by Prolonged Exposure with Î”9-Tetrahydrocannabinol but Not Cannabidiol. Toxics, 2022, 10, 48.	3.7	7