Maria Concetta Geloso

List of Publications by Year
in descending order

45 papers	2,022 citations	236925 25 h-index	243625 44 g-index
46 all docs	46 docs citations	46 times ranked	2487 citing authors

#	Article	IF	Citations
1	The S100B story: from biomarker to active factor in neural injury. Journal of Neurochemistry, 2019, 148, 168-187.	3.9	242
2	The S100B protein in biological fluids: more than a lifelong biomarker of brain distress. Journal of Neurochemistry, 2012, 120, 644-659.	3.9	199
3	The Dual Role of Microglia in ALS: Mechanisms and Therapeutic Approaches. Frontiers in Aging Neuroscience, 2017, 9, 242.	3.4	180
4	Trimethyltin-induced hippocampal degeneration as a tool to investigate neurodegenerative processes. Neurochemistry International, 2011, 58, 729-738.	3.8	106
5	Elevated S100 blood level as an early indicator of intraventricular hemorrhage in preterm infants. Journal of the Neurological Sciences, 1999, 170, 32-35.	0.6	95
6	Changes in Open Field Behavior, Spatial Memory, and Hippocampal Parvalbumin Immunoreactivity Following Enrichment in Rats Exposed to Neonatal Anoxia. Experimental Neurology, 1996, 139, 25-33.	4.1	86
7	Cyclooxygenase-2 and Caspase 3 Expression in Trimethyltin-Induced Apoptosis in the Mouse Hippocampus. Experimental Neurology, 2002, 175, 152-160.	4.1	55
8	Trimethyltin-induced differential expression of PAR subtypes in reactive astrocytes of the rat hippocampus. Molecular Brain Research, 2004, 122, 93-98.	2.3	52
9	Canine cognitive deficit correlates with diffuse plaque maturation and S100Î² (âˆ’) astrocytosis but not with insulin cerebrospinal fluid level. Acta Neuropathologica, 2006, 111, 519-528.	7.7	50
10	S100 Blood Concentrations in Children Subjected to Cardiopulmonary By-Pass. Clinical Chemistry, 1998, 44, 1058-1060.	3.2	49
11	Parvalbumin-Immunoreactive Neurons Are Not Affected by Trimethyltin-Induced Neurodegeneration in the Rat Hippocampus. Experimental Neurology, 1996, 139, 269-277.	4.1	46
12	Expression of astrocytic nestin in the rat hippocampus during trimethyltin-induced neurodegeneration. Neuroscience Letters, 2004, 357, 103-106.	2.1	46
13	The neuroprotective and neurogenic effects of neuropeptide Y administration in an animal model of hippocampal neurodegeneration and temporal lobe epilepsy induced by trimethyltin. Journal of Neurochemistry, 2012, 122, 415-426.	3.9	46
14	Neuroprotective Strategies in Hippocampal Neurodegeneration Induced by the Neurotoxicant Trimethyltin. Neurochemical Research, 2013, 38, 240-253.	3.3	45
15	Calretinin-Containing Neurons in Trimethyltin-Induced Neurodegeneration in the Rat Hippocampus: An Immunocytochemical Study. Experimental Neurology, 1997, 146, 67-73.	4.1	44
16	Neurotrophic Features of Human Adipose Tissue-Derived Stromal Cells:<i>In Vitro</i>and<i>In Vivo</i>Studies. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-9.	3.0	44
17	Expression of EMAP-II by Activated Monocytes/Microglial Cells in Different Regions of the Rat Hippocampus after Trimethyltin-Induced Brain Damage. Experimental Neurology, 2002, 177, 341-346.	4.1	43
18	Development of GABA and calcium binding proteins immunoreactivity in the rat hippocampus following neonatal anoxia. Neuroscience Letters, 1996, 211, 93-96.	2.1	39

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19	?-aminobutyric acidergic interneuron vulnerability to aging in canine prefrontal cortex. Journal of Neuroscience Research, 2004, 77, 913-920.	2.9	37
20	Gene Expression Profiling as a Tool to Investigate the Molecular Machinery Activated during Hippocampal Neurodegeneration Induced by Trimethyltin (TMT) Administration. International Journal of Molecular Sciences, 2013, 14, 16817-16835.	4.1	33
21	Enhanced neurogenesis during trimethyltin-induced neurodegeneration in the hippocampus of the adult rat. Brain Research Bulletin, 2005, 65, 471-477.	3.0	32
22	Protease-Activated Receptorâ€“1 Expression in Rat Microglia after Trimethyltin Treatment. Journal of Histochemistry and Cytochemistry, 2011, 59, 302-311.	2.5	31
23	Rapidly Progressive Aphasic Dementia with Motor Neuron Disease: A Distinctive Clinical Entity. Dementia and Geriatric Cognitive Disorders, 2004, 17, 21-28.	1.5	30
24	Cellular targets for neuropeptide Y-mediated control of adult neurogenesis. Frontiers in Cellular Neuroscience, 2015, 9, 85.	3.7	30
25	Estrogen administration modulates hippocampal GABAergic subpopulations in the hippocampus of trimethyltin-treated rats. Frontiers in Cellular Neuroscience, 2015, 9, 433.	3.7	30
26	Microglial Pruning: Relevance for Synaptic Dysfunction in Multiple Sclerosis and Related Experimental Models. Cells, 2021, 10, 686.	4.1	28
27	Progenitor/Stem Cell Markers in Brain Adjacent to Glioblastoma: GD3 Ganglioside and NG2 Proteoglycan Expression. Journal of Neuropathology and Experimental Neurology, 2016, 75, 134-147.	1.7	27
28	Neuronal Subpopulations of Developing Rat Hippocampus Containing Different Calcium-Binding Proteins Behave Distinctively in Trimethyltin-Induced Neurodegeneration. Experimental Neurology, 1998, 154, 645-653.	4.1	26
29	<i>Mycobacterium smegmatis</i>Expressing a Chimeric Protein MPT64-Proteolipid Protein (PLP) 139â€“151 Reorganizes the PLP-Specific T Cell Repertoire Favoring a CD8-Mediated Response and Induces a Relapsing Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2010, 184, 222-235.	0.8	26
30	Effect of acetyl-l-carnitine on hyperactivity and spatial memory deficits of rats exposed to neonatal anoxia. Neuroscience Letters, 1997, 223, 201-205.	2.1	25
31	Trimethyltin intoxication upâ€•regulates nitric oxide synthase in neurons and purinergic ionotropic receptor 2 in astrocytes in the hippocampus. Journal of Neuroscience Research, 2010, 88, 500-509.	2.9	25
32	The Neurogenic Effects of Exogenous Neuropeptide Y: Early Molecular Events and Long-Lasting Effects in the Hippocampus of Trimethyltin-Treated Rats. PLoS ONE, 2014, 9, e88294.	2.5	24
33	Toll-Like Receptor 2 Mediates In Vivo Pro- and Anti-inflammatory Effects of Mycobacterium Tuberculosis and Modulates Autoimmune Encephalomyelitis. Frontiers in Immunology, 2016, 7, 191.	4.8	20
34	Alternative splicing of neurexins 1â€“3 is modulated by neuroinflammation in the prefrontal cortex of a murine model of multiple sclerosis. Experimental Neurology, 2021, 335, 113497.	4.1	19
35	S100B Protein and 4-Hydroxynonenal in the Spinal Cord of Wobbler Mice. Neurochemical Research, 2003, 28, 341-345.	3.3	17
36	Trimethyltin Modulates Reelin Expression and Endogenous Neurogenesis in the Hippocampus of Developing Rats. Neurochemical Research, 2016, 41, 1559-1569.	3.3	13

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37	BBS9 gene in nonsyndromic craniosynostosis: Role of the primary cilium in the aberrant ossification of the suture osteogenic niche. Bone, 2018, 112, 58-70.	2.9	12
38	A TLR/CD44 axis regulates T cell trafficking in experimental and human multiple sclerosis. IScience, 2022, 25, 103763.	4.1	12
39	The Neuroprotective Effects of 17Î²-Estradiol Pretreatment in a Model of Neonatal Hippocampal Injury Induced by Trimethyltin. Frontiers in Cellular Neuroscience, 2018, 12, 385.	3.7	11
40	S-100 proteins in trimethyltin-induced neurodegeneration in the rat hippocampus. Molecular and Chemical Neuropathology, 1997, 32, 129-141.	1.0	10
41	Post-natal Deletion of Neuronal cAMP Responsive-Element Binding (CREB)-1 Promotes Pro-inflammatory Changes in the Mouse Hippocampus. Neurochemical Research, 2017, 42, 2230-2245.	3.3	9
42	Transcriptome programs involved in the development and structure of the cerebellum. Cellular and Molecular Life Sciences, 2021, 78, 6431-6451.	5.4	9
43	Transplantation of Foetal Neural Stem Cells into the Rat Hippocampus During Trimethyltin-Induced Neurodegeneration. Neurochemical Research, 2007, 32, 2054-2061.	3.3	7
44	De novo expression of calretinin in trimethyltin-induced degeneration of developing rat hippocampus. Molecular Brain Research, 2002, 98, 141-144.	2.3	6
45	Editorial: Crosstalk between the Osteogenic and Neurogenic Stem Cell Niches: How Far are They from Each Other?. Frontiers in Cellular Neuroscience, 2016, 9, 504.	3.7	4