Patrizia Longone

List of Publications by Year
in descending order

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61 papers	2,742 citations	147801 31 h-index	175258 52 g-index
62 all docs	62 docs citations	62 times ranked	3876 citing authors

#	Article	IF	Citations
1	Investigating Different Forms of Hydrogen Sulfide in Cerebrospinal Fluid of Various Neurological Disorders. Metabolites, 2021, 11, 152.	2.9	8
2	NeuriTES. Monitoring neurite changes through transfer entropy and semantic segmentation in bright-field time-lapse microscopy. Patterns, 2021, 2, 100261.	5.9	6
3	Cerebrospinal fluid from frontotemporal dementia patients is toxic to neurons. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166122.	3.8	3
4	Very Early Involvement of Innate Immunity in Peripheral Nerve Degeneration in SOD1-G93A Mice. Frontiers in Immunology, 2020, 11, 575792.	4.8	7
5	Impact of Pharmacological Inhibition of Hydrogen Sulphide Production in the SOD1G93A-ALS Mouse Model. International Journal of Molecular Sciences, 2019, 20, 2550.	4.1	16
6	Glutamate in Amyotrophic Lateral Sclerosis: An Ageless Contestant. , 2019, , 61-71.		1
7	Crosstalk Between Oxidative Stress and Mitochondrial Damage: Focus on Amyotrophic Lateral Sclerosis. Advances in Experimental Medicine and Biology, 2019, 1158, 71-82.	1.6	21
8	Tissue degeneration in ALS affected spinal cord evaluated by Raman spectroscopy. Scientific Reports, 2018, 8, 13110.	3.3	9
9	Proteomics and Toxicity Analysis of Spinal-Cord Primary Cultures upon Hydrogen Sulfide Treatment. Antioxidants, 2018, 7, 87.	5.1	16
10	Activation of Phosphotyrosine-Mediated Signaling Pathways in the Cortex and Spinal Cord of SOD1^{G93A}, a Mouse Model of Familial Amyotrophic Lateral Sclerosis. Neural Plasticity, 2018, 2018, 1-10.	2.2	4
11	Commentary: Amyotrophic Lateral Sclerosis and Myasthenia Gravis Overlap Syndrome: A Review of Two Cases and the Associated Literature. Frontiers in Neurology, 2017, 8, 356.	2.4	3
12	MicroRNA-125b regulates microglia activation and motor neuron death in ALS. Cell Death and Differentiation, 2016, 23, 531-541.	11.2	109
13	Cognitive impairment in amyotrophic lateral sclerosis, clues from the SOD1 mouse. Neuroscience and Biobehavioral Reviews, 2016, 60, 12-25.	6.1	16
14	Evidence of hydrogen sulfide involvement in amyotrophic lateral sclerosis. Annals of Neurology, 2015, 77, 697-709.	5.3	45
15	Endothelin-1 is over-expressed in amyotrophic lateral sclerosis and induces motor neuron cell death. Neurobiology of Disease, 2014, 65, 160-171.	4.4	25
16	Neurosteroid and neurotransmitter alterations in Parkinsonâ€™s disease. Frontiers in Neuroendocrinology, 2013, 34, 132-142.	5.2	39
17	Role of the N-methyl-d-aspartate receptors complex in amyotrophic lateral sclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 312-322.	3.8	58
18	CREB selectively controls learning-induced structural remodeling of neurons. Learning and Memory, 2012, 19, 330-336.	1.3	30

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19	Protein repertoire impact of Ubiquitinâ€“Proteasome System impairment: Insight into the protective role of beta-estradiol. Journal of Proteomics, 2012, 75, 1440-1453.	2.4	11
20	Increased expression of the beta3 subunit of voltage-gated Na+ channels in the spinal cord of the SOD1G93A mouse. Molecular and Cellular Neurosciences, 2011, 47, 108-118.	2.2	23
21	Zinc pre-treatment enhances NMDAR-mediated excitotoxicity in cultured cortical neurons from SOD1G93A mouse, a model of amyotrophic lateral sclerosis. Neuropharmacology, 2011, 60, 1200-1208.	4.1	25
22	Neurosteroids as neuromodulators in the treatment of anxiety disorders. Frontiers in Endocrinology, 2011, 2, 55.	3.5	38
23	The Protective Role of Catalase against Cerebral Ischemia in Vitro and in Vivo. International Journal of Immunopathology and Pharmacology, 2011, 24, 735-747.	2.1	33
24	A prolonged pharmacological blockade of type-5 metabotropic glutamate receptors protects cultured spinal cord motor neurons against excitotoxic death. Neurobiology of Disease, 2011, 42, 252-264.	4.4	31
25	Postsynaptic Alteration of NR2A Subunit and Defective Autophosphorylation of alphaCaMKII at Threonine-286 Contribute to Abnormal Plasticity and Morphology of Upper Motor Neurons in Presymptomatic SOD1G93A Mice, a Murine Model for Amyotrophic Lateral Sclerosis. Cerebral Cortex, 2011, 21, 796-805.	2.9	33
26	A systematic study of brainstem motor nuclei in a mouse model of ALS, the effects of lithium. Neurobiology of Disease, 2010, 37, 370-383.	4.4	79
27	Autophagy, lithium, and amyotrophic lateral sclerosis. Muscle and Nerve, 2009, 40, 173-194.	2.2	70
28	Impaired Terminal Differentiation of Hippocampal Granule Neurons and Defective Contextual Memory in PC3/Tis21 Knockout Mice. PLoS ONE, 2009, 4, e8339.	2.5	74
29	Abnormal medial prefrontal cortex connectivity and defective fear extinction in the presymptomatic G93A SOD1 mouse model of ALS. Genes, Brain and Behavior, 2008, 7, 427-434.	2.2	34
30	The complex roles of neurosteroids in depression and anxiety disorders. Neurochemistry International, 2008, 52, 596-601.	3.8	56
31	Lithium delays progression of amyotrophic lateral sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2052-2057.	7.1	508
32	Correction for Fornai et al. , Lithium delays progression of amyotrophic lateral sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16404-16407.	7.1	8
33	Autophagy and amyotrophic lateral sclerosis: The multiple roles of lithium. Autophagy, 2008, 4, 527-530.	9.1	108
34	Molecular and synaptic changes in the hippocampus underlying superior spatial abilities in pre-symptomatic G93A+/+ mice overexpressing the human Cu/Zn superoxide dismutase (Gly93Ââ†'ÂALA) mutation. Experimental Neurology, 2006, 197, 505-514.	4.1	43
35	Comparative non-radioactive RT-PCR assay: An approach to study the neurosteroids biosynthetic pathway in humans. Journal of Neuroscience Methods, 2006, 153, 290-298.	2.5	7
36	P2X₂R purinergic receptor subunit mRNA and protein are expressed by all hypothalamic hypocretin/orexin neurons. Journal of Comparative Neurology, 2006, 498, 58-67.	1.6	98

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37	Trace Amines Depress GABAB Response in Dopaminergic Neurons by Inhibiting G-Î²Î³-Gated Inwardly Rectifying Potassium Channels. Molecular Pharmacology, 2005, 67, 1283-1290.	2.3	31
38	Trace Amines Cause More than One Effect on Dopaminergic Neurons. , 2005, , 161-175.		0
39	Cell death in amyotrophic lateral sclerosis: interplay between neuronal and glial cells. FASEB Journal, 2004, 18, 1261-1263.	0.5	55
40	Cu/Zn-superoxide dismutase (GLY93â†'ALA) mutation alters AMPA receptor subunit expression and function and potentiates kainate-mediated toxicity in motor neurons in culture. Neurobiology of Disease, 2004, 15, 340-350.	4.4	67
41	Cellular localization of TRPC3 channel in rat brain: preferential distribution to oligodendrocytes. Neuroscience Letters, 2004, 365, 137-142.	2.1	34
42	Altered vulnerability to kainate excitotoxicity of transgenic-Cu/Zn SOD1 neurones. NeuroReport, 2004, 15, 2477-2480.	1.2	12
43	Decreased plasma and cerebrospinal fluid content of neuroactive steroids in Parkinsonâ€™s disease. Neurological Sciences, 2003, 24, 172-173.	1.9	59
44	Involvement of transient receptor potential-like channels in responses to mGluR-I activation in midbrain dopamine neurons. European Journal of Neuroscience, 2003, 18, 2133-2145.	2.6	123
45	Altered excitability of motor neurons in a transgenic mouse model of familial amyotrophic lateral sclerosis. Neuroscience Letters, 2003, 351, 153-156.	2.1	121
46	Î±-amino-3-hydroxy-5-methyl-isoxazole-4-propionate receptors in spinal cord motor neurons are altered in transgenic mice overexpressing human Cu,Zn superoxide dismutase (Gly93â†'Ala) mutation. Neuroscience, 2003, 122, 47-58.	2.3	33
47	Altered long-term corticostriatal synaptic plasticity in transgenic mice overexpressing human CU/ZN superoxide dismutase (GLY93â†'ALA) mutation. Neuroscience, 2003, 118, 399-408.	2.3	38
48	Neocortical Potassium Currents Are Enhanced by the Antiepileptic Drugâ€ƒLamotrigine. Epilepsia, 2002, 43, 685-690.	5.1	55
49	The Regulation of Hippocampal Nicotinic Acetylcholine Receptors (nAChRs) After a Protracted Treatment with Selective or Nonselective nAChR Agonists. Journal of Molecular Neuroscience, 1999, 13, 31-46.	2.3	14
50	Changes in AMPA Receptor-Spliced Variant Expression and Shift in AMPA Receptor Spontaneous Desensitization Pharmacology During Cerebellar Granule Cell Maturation In Vitro. Journal of Molecular Neuroscience, 1998, 11, 23-42.	2.3	21
51	Agingâ€associated upâ€regulation of neuronal 5â€lipoxygenase expression: putative role in neuronal vulnerability. FASEB Journal, 1998, 12, 439-449.	0.5	114
52	7-Chloro-3-methyl-3,4-dihydro-2H-1,2,4-benzothiadiazine S,S-dioxide: A partial modulator of AMPA receptor desensitization devoid of neurotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 7053-7058.	7.1	36
53	Full-length and N-terminally truncated chicken intestinal diazepam-binding inhibitor. Regulatory Peptides, 1997, 69, 63-68.	1.9	8
54	Increased Hippocampal 5â€Lipoxygenase mRNA Content in Melatoninâ€Deficient, Pinealectomized Rats. Journal of Neurochemistry, 1997, 69, 2220-2223.	3.9	42

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55	Reversible Modification of GABA A Receptor Subunit mRNA Expression During Tolerance to Diazepam-induced Cognition Dysfunction. Neuropharmacology, 1996, 35, 1465-1473.	4.1	40
56	Modifications of gamma-aminobutyric acidA receptor subunit expression in rat neocortex during tolerance to diazepam. Molecular Pharmacology, 1996, 49, 822-31.	2.3	93
57	Identification of three transcriptional regulatory elements in the rat mitochondrial benzodiazepine receptor-encoding gene. Gene, 1995, 167, 255-260.	2.2	8
58	Pharmacology of Neurosteroid Biosynthesis. Role of the Mitochondrial DBI Receptor (MDR) Complex. Annals of the New York Academy of Sciences, 1994, 746, 223-242.	3.8	31
59	Comparisons between GABAB and Muscarinic m2 Receptors on Cerebellar Granule Neurons from Rat Using Antisense Oligodeoxynucleotides. Methods, 1993, 2, 59-65.	0.5	0
60	Retinoic acid inhibits phosphatidylinositol turnover only in RA-sensitive while not in RA-resistant human neuroblastoma cells. Biochemical and Biophysical Research Communications, 1989, 161, 284-289.	2.1	9
61	â€œIn situâ€•characterization of guanine nucleotide-binding properties of erythrocyte membranes. Biochemical and Biophysical Research Communications, 1989, 159, 41-47.	2.1	2