Maria Pina Serra

List of Publications by Year
in descending order

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38	770	471509 17	552781 26
papers	citations	h-index	g-index

38	38	38	1258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anti-Inflammatory Effect of Beta-Caryophyllene Mediated by the Involvement of TRPV1, BDNF and trkB in the Rat Cerebral Cortex after Hypoperfusion/Reperfusion. International Journal of Molecular Sciences, 2022, 23, 3633.	4.1	6
2	Neuroplastic changes in <scp>câ€Fos</scp> , <scp>Î”FosB</scp> , <scp>BDNF</scp> , <scp>trkB</scp> , and Arc expression in the hippocampus of male Roman rats: differential effects of sexual activity. Hippocampus, 2022, 32, 529-551.	1.9	3
3	Red nucleus structure and function: from anatomy to clinical neurosciences. Brain Structure and Function, 2021, 226, 69-91.	2.3	60
4	Cannabinoids: an Effective Treatment for Chemotherapy-Induced Peripheral Neurotoxicity?. Neurotherapeutics, 2021, 18, 2324-2336.	4.4	4
5	Tyrosine-hydroxylase, dopamine Î²-hydroxylase and choline acetyltransferase-like immunoreactive fibres in the human major sublingual gland. Archives of Oral Biology, 2020, 109, 104571.	1.8	2
6	Altered Sexual Behavior in Dopamine Transporter (DAT) Knockout Male Rats: A Behavioral, Neurochemical and Intracerebral Microdialysis Study. Frontiers in Behavioral Neuroscience, 2020, 14, 58.	2.0	30
7	Case report of sudden death after a gunshot wound to the C2 vertebral bone without direct spinal cord injury: Histopathological analysis of spinal-medullary junction. Forensic Science International, 2019, 301, e49-e54.	2.2	2
8	Resveratrol Regulates BDNF, trkB, PSA-NCAM, and Arc Expression in the Rat Cerebral Cortex after Bilateral Common Carotid Artery Occlusion and Reperfusion. Nutrients, 2019, 11, 1000.	4.1	9
9	c-Fos, Î”FosB, BDNF, trkB and Arc Expression in the Limbic System of Male Roman High- and Low-Avoidance Rats that Show Differences in Sexual Behavior: Effect of Sexual Activity. Neuroscience, 2019, 396, 1-23.	2.3	14
10	Effect of Acute Stress on the Expression of BDNF, trkB, and PSA-NCAM in the Hippocampus of the Roman Rats: A Genetic Model of Vulnerability/Resistance to Stress-Induced Depression. International Journal of Molecular Sciences, 2018, 19, 3745.	4.1	21
11	TRPV1-Like Immunoreactivity in the Human Locus K, a Distinct Subregion of the Cuneate Nucleus. Cells, 2018, 7, 72.	4.1	2
12	Preventive Effects of Resveratrol on Endocannabinoid System and Synaptic Protein Modifications in Rat Cerebral Cortex Challenged by Bilateral Common Carotid Artery Occlusion and Reperfusion. International Journal of Molecular Sciences, 2018, 19, 426.	4.1	11
13	Acute administration of beta-caryophyllene prevents endocannabinoid system activation during transient common carotid artery occlusion and reperfusion. Lipids in Health and Disease, 2018, 17, 23.	3.0	19
14	Involvement of the endocannabinoid system in the physiological response to transient common carotid artery occlusion and reperfusion. Lipids in Health and Disease, 2017, 16, 14.	3.0	14
15	Expression of <scp>BDNF</scp> and trkB in the hippocampus of a rat genetic model of vulnerability (Roman lowâ€avoidance) and resistance (Roman highâ€avoidance) to stressâ€induced depression. Brain and Behavior, 2017, 7, e00861.	2.2	31
16	Trigeminal nerve stimulation induces Fos immunoreactivity in selected brain regions, increases hippocampal cell proliferation and reduces seizure severity in rats. Neuroscience, 2017, 361, 69-80.	2.3	30
17	Effects of Forced Swimming Stress on ERK and Histone H3 Phosphorylation in Limbic Areas of Roman High- and Low-Avoidance Rats. PLoS ONE, 2017, 12, e0170093.	2.5	12
18	<scp>TRPV</scp>1 receptor in the human trigeminal ganglion and spinal nucleus: immunohistochemical localization and comparison with the neuropeptides <scp>CGRP</scp> and <scp>SP</scp>. Journal of Anatomy, 2016, 229, 755-767.	1.5	31

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19	TRPV1, CGRP and SP in scalp arteries of patients suffering from chronic migraine. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 393-397.	1.9	46
20	Effect of the neuropeptides vasoactive intestinal peptide, peptide histidine methionine and substance <scp>P</scp> on human major salivary gland secretion. Oral Diseases, 2015, 21, 216-223.	3.0	15
21	Bortezomib Treatment Produces Nocifensive Behavior and Changes in the Expression of TRPV1, CGRP, and Substance P in the Rat DRG, Spinal Cord, and Sciatic Nerve. BioMed Research International, 2014, 2014, 1-19.	1.9	47
22	The human cuneate nucleus contains discrete subregions whose neurochemical features match those of the relay nuclei for nociceptive information. Brain Structure and Function, 2014, 219, 2083-2101.	2.3	6
23	Bortezomib-Induced Painful Peripheral Neuropathy: An Electrophysiological, Behavioral, Morphological and Mechanistic Study in the Mouse. PLoS ONE, 2013, 8, e72995.	2.5	69
24	Effect of acute administration of Pistacia lentiscus L. essential oil on rat cerebral cortex following transient bilateral common carotid artery occlusion. Lipids in Health and Disease, 2012, 11, 8.	3.0	39
25	Brain-derived neurotrophic factor (BDNF) and polysialylated-neural cell adhesion molecule (PSA-NCAM): codistribution in the human brainstem precerebellar nuclei from prenatal to adult age. Brain Research, 2010, 1363, 49-62.	2.2	24
26	The pheromonal gland of Lymantria dispar: Morphology and evidence for its innervation. Journal of Morphology, 2009, 270, 442-450.	1.2	1
27	Polysialylated-neural cell adhesion molecule (PSA-NCAM) in the human trigeminal ganglion and brainstem at prenatal and adult ages. BMC Neuroscience, 2008, 9, 108.	1.9	29
28	Tissue distribution of neurturin, persephin and artemin in the human brainstem at fetal, neonatal and adult age. Brain Research, 2007, 1143, 102-115.	2.2	13
29	Tissue distribution of Ret, GFRalpha-1, GFRalpha-2 and GFRalpha-3 receptors in the human brainstem at fetal, neonatal and adult age. Brain Research, 2007, 1173, 36-52.	2.2	36
30	GDNF family ligand receptor components Ret and GFRalpha-1 in the human trigeminal ganglion and sensory nuclei. Brain Research Bulletin, 2006, 69, 393-403.	3.0	14
31	Neurturin, persephin, and artemin in the human pre- and full-term newborn and adult hippocampus and fascia dentata. Brain Research, 2005, 1041, 157-166.	2.2	17
32	Ret, GFRalphaâ€1, GFRalphaâ€2 and GFRalphaâ€3 receptors in the human hippocampus and fascia dentata. International Journal of Developmental Neuroscience, 2005, 23, 425-438.	1.6	18
33	Neurotrophinâ€like immunoreactivity in the human preâ€term newborn, infant, and adult cerebellum. International Journal of Developmental Neuroscience, 2003, 21, 23-33.	1.6	17
34	High affinity neurotrophin receptors in the human preâ€term newborn, infant, and adult cerebellum. International Journal of Developmental Neuroscience, 2003, 21, 309-320.	1.6	16
35	AMPA-type glutamate receptor subunits 2/3 in the human trigeminal sensory ganglion and subnucleus caudalis from prenatal ages to adulthood. Mechanisms of Ageing and Development, 2002, 123, 463-471.	4.6	18
36	Expression of glial cell line-derived neurotrophic factor mRNA in the human newborn and adult hippocampal formation. Brain Research, 2002, 928, 160-164.	2.2	10

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37	Immunohistochemical localization of GDNF in the human hippocampal formation from prenatal life to adulthood. Brain Research, 2002, 928, 138-146.	2.2	12
38	Glial cell line-derived neurotrophic factor-like immunoreactivity in human trigeminal ganglion and nucleus. Brain Research, 1999, 847, 196-202.	2.2	22