

# Maria Pina Serra

## List of Publications by Year in descending order

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38  
papers

770  
citations

471509

17  
h-index

552781

26  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bortezomib-Induced Painful Peripheral Neuropathy: An Electrophysiological, Behavioral, Morphological and Mechanistic Study in the Mouse. <i>PLoS ONE</i> , 2013, 8, e72995.	2.5	69
2	Red nucleus structure and function: from anatomy to clinical neurosciences. <i>Brain Structure and Function</i> , 2021, 226, 69-91.	2.3	60
3	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. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	47
4	TRPV1, CGRP and SP in scalp arteries of patients suffering from chronic migraine. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 393-397.	1.9	46
5	Effect of acute administration of Pistacia lentiscus L. essential oil on rat cerebral cortex following transient bilateral common carotid artery occlusion. <i>Lipids in Health and Disease</i> , 2012, 11, 8.	3.0	39
6	Tissue distribution of Ret, GFRalpha-1, GFRalpha-2 and GFRalpha-3 receptors in the human brainstem at fetal, neonatal and adult age. <i>Brain Research</i> , 2007, 1173, 36-52.	2.2	36
7	<sc>TRPV</sc> 1 receptor in the human trigeminal ganglion and spinal nucleus: immunohistochemical localization and comparison with the neuropeptides <sc>CGRP</sc> and <sc>SP</sc>. <i>Journal of Anatomy</i> , 2016, 229, 755-767.	1.5	31
8	Expression of <sc>BDNF</sc> and trkB in the hippocampus of a rat genetic model of vulnerability (Roman lowâ€ avoidance) and resistance (Roman highâ€ avoidance) to stressâ€ induced depression. <i>Brain and Behavior</i> , 2017, 7, e00861.	2.2	31
9	Trigeminal nerve stimulation induces Fos immunoreactivity in selected brain regions, increases hippocampal cell proliferation and reduces seizure severity in rats. <i>Neuroscience</i> , 2017, 361, 69-80.	2.3	30
10	Altered Sexual Behavior in Dopamine Transporter (DAT) Knockout Male Rats: A Behavioral, Neurochemical and Intracerebral Microdialysis Study. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 58.	2.0	30
11	Polysialylated-neural cell adhesion molecule (PSA-NCAM) in the human trigeminal ganglion and brainstem at prenatal and adult ages. <i>BMC Neuroscience</i> , 2008, 9, 108.	1.9	29
12	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. <i>Brain Research</i> , 2010, 1363, 49-62.	2.2	24
13	Glial cell line-derived neurotrophic factor-like immunoreactivity in human trigeminal ganglion and nucleus. <i>Brain Research</i> , 1999, 847, 196-202.	2.2	22
14	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. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3745.	4.1	21
15	Acute administration of beta-caryophyllene prevents endocannabinoid system activation during transient common carotid artery occlusion and reperfusion. <i>Lipids in Health and Disease</i> , 2018, 17, 23.	3.0	19
16	AMPA-type glutamate receptor subunits 2/3 in the human trigeminal sensory ganglion and subnucleus caudalis from prenatal ages to adulthood. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 463-471.	4.6	18
17	Ret, GFRalphaâ€1, GFRalphaâ€2 and GFRalphaâ€3 receptors in the human hippocampus and fascia dentata. <i>International Journal of Developmental Neuroscience</i> , 2005, 23, 425-438.	1.6	18
18	Neurotrophinâ€like immunoreactivity in the human preâ€term newborn, infant, and adult cerebellum. <i>International Journal of Developmental Neuroscience</i> , 2003, 21, 23-33.	1.6	17

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19	Neurturin, persephin, and artemin in the human pre- and full-term newborn and adult hippocampus and fascia dentata. <i>Brain Research</i> , 2005, 1041, 157-166.	2.2	17
20	High affinity neurotrophin receptors in the human pre-term newborn, infant, and adult cerebellum. <i>International Journal of Developmental Neuroscience</i> , 2003, 21, 309-320.	1.6	16
21	Effect of the neuropeptides vasoactive intestinal peptide, peptide histidine methionine and substance P on human major salivary gland secretion. <i>Oral Diseases</i> , 2015, 21, 216-223.	3.0	15
22	GDNF family ligand receptor components Ret and GFRalpha-1 in the human trigeminal ganglion and sensory nuclei. <i>Brain Research Bulletin</i> , 2006, 69, 393-403.	3.0	14
23	Involvement of the endocannabinoid system in the physiological response to transient common carotid artery occlusion and reperfusion. <i>Lipids in Health and Disease</i> , 2017, 16, 14.	3.0	14
24	c-Fos, 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. <i>Neuroscience</i> , 2019, 396, 1-23.	2.3	14
25	Tissue distribution of neurturin, persephin and artemin in the human brainstem at fetal, neonatal and adult age. <i>Brain Research</i> , 2007, 1143, 102-115.	2.2	13
26	Immunohistochemical localization of GDNF in the human hippocampal formation from prenatal life to adulthood. <i>Brain Research</i> , 2002, 928, 138-146.	2.2	12
27	Effects of Forced Swimming Stress on ERK and Histone H3 Phosphorylation in Limbic Areas of Roman High- and Low-Avoidance Rats. <i>PLoS ONE</i> , 2017, 12, e0170093.	2.5	12
28	Preventive Effects of Resveratrol on Endocannabinoid System and Synaptic Protein Modifications in Rat Cerebral Cortex Challenged by Bilateral Common Carotid Artery Occlusion and Reperfusion. <i>International Journal of Molecular Sciences</i> , 2018, 19, 426.	4.1	11
29	Expression of glial cell line-derived neurotrophic factor mRNA in the human newborn and adult hippocampal formation. <i>Brain Research</i> , 2002, 928, 160-164.	2.2	10
30	Resveratrol Regulates BDNF, trkB, PSA-NCAM, and Arc Expression in the Rat Cerebral Cortex after Bilateral Common Carotid Artery Occlusion and Reperfusion. <i>Nutrients</i> , 2019, 11, 1000.	4.1	9
31	The human cuneate nucleus contains discrete subregions whose neurochemical features match those of the relay nuclei for nociceptive information. <i>Brain Structure and Function</i> , 2014, 219, 2083-2101.	2.3	6
32	Anti-Inflammatory Effect of Beta-Caryophyllene Mediated by the Involvement of TRPV1, BDNF and trkB in the Rat Cerebral Cortex after Hypoperfusion/Reperfusion. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3633.	4.1	6
33	Cannabinoids: an Effective Treatment for Chemotherapy-Induced Peripheral Neurotoxicity?. <i>Neurotherapeutics</i> , 2021, 18, 2324-2336.	4.4	4
34	Neuroplastic changes in c-Fos, FosB, BDNF, trkB, and Arc expression in the hippocampus of male Roman rats: differential effects of sexual activity. <i>Hippocampus</i> , 2022, 32, 529-551.	1.9	3
35	TRPV1-Like Immunoreactivity in the Human Locus K, a Distinct Subregion of the Cuneate Nucleus. <i>Cells</i> , 2018, 7, 72.	4.1	2
36	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. <i>Forensic Science International</i> , 2019, 301, e49-e54.	2.2	2

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37	Tyrosine-hydroxylase, dopamine $\beta$ -hydroxylase and choline acetyltransferase-like immunoreactive fibres in the human major sublingual gland. <i>Archives of Oral Biology</i> , 2020, 109, 104571.	1.8	2
38	The pheromonal gland of <i>Lymantria dispar</i> : Morphology and evidence for its innervation. <i>Journal of Morphology</i> , 2009, 270, 442-450.	1.2	1