Patricia P Garcez

List of Publications by Year
in descending order

32 papers	2,628 citations	471061 17 h-index	500791 28 g-index
42 all docs	42 docs citations	42 times ranked	5225 citing authors

#	Article	IF	Citations
1	Proteomics of ZIKV infected amniotic fluids of microcephalic fetuses reveals extracellular matrix and immune system dysregulation. Proteomics - Clinical Applications, 2022, 16, e2100041.	0.8	5
2	Modeling the Human Brain With ex vivo Slices and in vitro Organoids for Translational Neuroscience. Frontiers in Neuroscience, 2022, 16, 838594.	1.4	16
3	Neurodevelopment in Children Exposed to Zika in utero: Clinical and Molecular Aspects. Frontiers in Genetics, 2022, 13, 758715.	1.1	12
4	Zika Virus Strains and Dengue Virus Induce Distinct Proteomic Changes in Neural Stem Cells and Neurospheres. Molecular Neurobiology, 2022, 59, 5549-5563.	1.9	2
5	In vivo mouse models to investigate the microcephaly associated with Zika virus. , 2021, , 451-462.		1
6	Organoid modeling of Zika and herpes simplex virus 1 infections reveals virus-specific responses leading to microcephaly. Cell Stem Cell, 2021, 28, 1362-1379.e7.	5.2	67
7	The Dynamics of Axon Bifurcation Development in the Cerebral Cortex of Typical and Acallosal Mice. Neuroscience, 2021, 477, 14-24.	1.1	4
8	Myelination of Callosal Axons Is Hampered by Early and Late Forelimb Amputation in Rats. Cerebral Cortex Communications, 2021, 2, tgaa090.	0.7	2
9	Microcephaly gene Cenpj regulates axonal growth in cortical neurons through microtubule destabilization. Journal of Neurochemistry, 2021, , .	2.1	0
10	Congenital Zika syndrome is associated with maternal protein malnutrition. Science Advances, 2020, 6, eaaw6284.	4.7	55
11	The cyanobacterial saxitoxin exacerbates neural cell death and brain malformations induced by Zika virus. PLoS Neglected Tropical Diseases, 2020, 14, e0008060.	1.3	28
12	Network of Interactions between ZIKA Virus Non-Structural Proteins and Human Host Proteins. Cells, 2020, 9, 153.	1.8	19
13	Zika virus infection leads to mitochondrial failure, oxidative stress and DNA damage in human iPSC-derived astrocytes. Scientific Reports, 2020, 10, 1218.	1.6	95
14	New insights into the development of the human cerebral cortex. Journal of Anatomy, 2019, 235, 432-451.	0.9	224
15	Dissecting the Toxic Effects of Zika Virus Proteins on Neural Progenitor Cells. Neuron, 2019, 101, 989-991.	3.8	9
16	The potential contribution of impaired brain glucose metabolism to congenital Zika syndrome. Journal of Anatomy, 2019, 235, 468-480.	0.9	13
17	Zika virus impairs the development of blood vessels in a mouse model of congenital infection. Scientific Reports, 2018, 8, 12774.	1.6	49
18	Why is congenital Zika syndrome asymmetrically distributed among human populations?. PLoS Biology, 2018, 16, e2006592.	2.6	32

#	Article	IF	Citations
19	Loss of Cannabinoid CB₁Receptors Induces Cortical Migration Malformations and Increases Seizure Susceptibility. Cerebral Cortex, 2017, 27, 5303-5317.	1.6	23
20	Zika virus disrupts molecular fingerprinting of human neurospheres. Scientific Reports, 2017, 7, 40780.	1.6	120
21	Chloroquine, an Endocytosis Blocking Agent, Inhibits Zika Virus Infection in Different Cell Models. Viruses, 2016, 8, 322.	1.5	227
22	Zika virus impairs growth in human neurospheres and brain organoids. Science, 2016, 352, 816-818.	6.0	1,016
23	Study of miRNA Function in the Developing Axons of Mouse Cortical Neurons: Use of Compartmentalized Microfluidic Chambers and In Utero Electroporation. Neuromethods, 2016, , 59-71.	0.2	1
24	Cenpj/CPAP regulates progenitor divisions and neuronal migration in the cerebral cortex downstream of Ascl1. Nature Communications, 2015, 6, 6474.	5.8	51
25	An antagonistic interaction between PlexinB2 and Rnd3 controls RhoA activity and cortical neuron migration. Nature Communications, 2014, 5, 3405.	5.8	60
26	The CB₁Cannabinoid Receptor Drives Corticospinal Motor Neuron Differentiation through the Ctip2/Satb2 Transcriptional Regulation Axis. Journal of Neuroscience, 2012, 32, 16651-16665.	1.7	79
27	Temporal and spatial regulation of interneuron distribution in the developing cerebral cortexâ€”an in vitro study. Neuroscience, 2012, 201, 357-365.	1.1	6
28	microRNA-9 regulates axon extension and branching by targeting Map1b in mouse cortical neurons. Nature Neuroscience, 2012, 15, 697-699.	7.1	250
29	Ephrinâ€A5 acts as a repulsive cue for migrating cortical interneurons. European Journal of Neuroscience, 2008, 28, 62-73.	1.2	72
30	Axons of callosal neurons bifurcate transiently at the white matter before consolidating an interhemispheric projection. European Journal of Neuroscience, 2007, 25, 1384-1394.	1.2	14
31	Connecting thalamus and cortex: The role of ephrins. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2006, 288A, 135-142.	2.0	36
32	Centromere protein J is overexpressed in human glioblastoma and promotes cell proliferation and migration. Journal of Neurochemistry, 0, , .	2.1	0