

Patricia P Garcez

List of Publications by Year in descending order

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Version: 2024-02-01

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	Zika virus impairs growth in human neurospheres and brain organoids. <i>Science</i> , 2016, 352, 816-818.	6.0	1,016
2	microRNA-9 regulates axon extension and branching by targeting Map1b in mouse cortical neurons. <i>Nature Neuroscience</i> , 2012, 15, 697-699.	7.1	250
3	Chloroquine, an Endocytosis Blocking Agent, Inhibits Zika Virus Infection in Different Cell Models. <i>Viruses</i> , 2016, 8, 322.	1.5	227
4	New insights into the development of the human cerebral cortex. <i>Journal of Anatomy</i> , 2019, 235, 432-451.	0.9	224
5	Zika virus disrupts molecular fingerprinting of human neurospheres. <i>Scientific Reports</i> , 2017, 7, 40780.	1.6	120
6	Zika virus infection leads to mitochondrial failure, oxidative stress and DNA damage in human iPSC-derived astrocytes. <i>Scientific Reports</i> , 2020, 10, 1218.	1.6	95
7	The CB ₁ Cannabinoid Receptor Drives Corticospinal Motor Neuron Differentiation through the Ctip2/Satb2 Transcriptional Regulation Axis. <i>Journal of Neuroscience</i> , 2012, 32, 16651-16665.	1.7	79
8	EphrinA5 acts as a repulsive cue for migrating cortical interneurons. <i>European Journal of Neuroscience</i> , 2008, 28, 62-73.	1.2	72
9	Organoid modeling of Zika and herpes simplex virus 1 infections reveals virus-specific responses leading to microcephaly. <i>Cell Stem Cell</i> , 2021, 28, 1362-1379.e7.	5.2	67
10	An antagonistic interaction between PlexinB2 and Rnd3 controls RhoA activity and cortical neuron migration. <i>Nature Communications</i> , 2014, 5, 3405.	5.8	60
11	Congenital Zika syndrome is associated with maternal protein malnutrition. <i>Science Advances</i> , 2020, 6, eaaw6284.	4.7	55
12	Cenpj/CPAP regulates progenitor divisions and neuronal migration in the cerebral cortex downstream of Ascl1. <i>Nature Communications</i> , 2015, 6, 6474.	5.8	51
13	Zika virus impairs the development of blood vessels in a mouse model of congenital infection. <i>Scientific Reports</i> , 2018, 8, 12774.	1.6	49
14	Connecting thalamus and cortex: The role of ephrins. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 135-142.	2.0	36
15	Why is congenital Zika syndrome asymmetrically distributed among human populations?. <i>PLoS Biology</i> , 2018, 16, e2006592.	2.6	32
16	The cyanobacterial saxitoxin exacerbates neural cell death and brain malformations induced by Zika virus. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008060.	1.3	28
17	Loss of Cannabinoid CB ₁ Receptors Induces Cortical Migration Malformations and Increases Seizure Susceptibility. <i>Cerebral Cortex</i> , 2017, 27, 5303-5317.	1.6	23
18	Network of Interactions between ZIKA Virus Non-Structural Proteins and Human Host Proteins. <i>Cells</i> , 2020, 9, 153.	1.8	19

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19	Modeling the Human Brain With ex vivo Slices and in vitro Organoids for Translational Neuroscience. <i>Frontiers in Neuroscience</i> , 2022, 16, 838594.	1.4	16
20	Axons of callosal neurons bifurcate transiently at the white matter before consolidating an interhemispheric projection. <i>European Journal of Neuroscience</i> , 2007, 25, 1384-1394.	1.2	14
21	The potential contribution of impaired brain glucose metabolism to congenital Zika syndrome. <i>Journal of Anatomy</i> , 2019, 235, 468-480.	0.9	13
22	Neurodevelopment in Children Exposed to Zika in utero: Clinical and Molecular Aspects. <i>Frontiers in Genetics</i> , 2022, 13, 758715.	1.1	12
23	Dissecting the Toxic Effects of Zika Virus Proteins on Neural Progenitor Cells. <i>Neuron</i> , 2019, 101, 989-991.	3.8	9
24	Temporal and spatial regulation of interneuron distribution in the developing cerebral cortex in an in vitro study. <i>Neuroscience</i> , 2012, 201, 357-365.	1.1	6
25	Proteomics of ZIKV infected amniotic fluids of microcephalic fetuses reveals extracellular matrix and immune system dysregulation. <i>Proteomics - Clinical Applications</i> , 2022, 16, e2100041.	0.8	5
26	The Dynamics of Axon Bifurcation Development in the Cerebral Cortex of Typical and Acallosal Mice. <i>Neuroscience</i> , 2021, 477, 14-24.	1.1	4
27	Myelination of Callosal Axons Is Hampered by Early and Late Forelimb Amputation in Rats. <i>Cerebral Cortex Communications</i> , 2021, 2, tgaa090.	0.7	2
28	Zika Virus Strains and Dengue Virus Induce Distinct Proteomic Changes in Neural Stem Cells and Neurospheres. <i>Molecular Neurobiology</i> , 2022, 59, 5549-5563.	1.9	2
29	Study of miRNA Function in the Developing Axons of Mouse Cortical Neurons: Use of Compartmentalized Microfluidic Chambers and In Utero Electroporation. <i>Neuromethods</i> , 2016, , 59-71.	0.2	1
30	In vivo mouse models to investigate the microcephaly associated with Zika virus. , 2021, , 451-462.		1
31	Microcephaly gene Cenpj regulates axonal growth in cortical neurons through microtubule destabilization. <i>Journal of Neurochemistry</i> , 2021, , .	2.1	0
32	Centromere protein J is overexpressed in human glioblastoma and promotes cell proliferation and migration. <i>Journal of Neurochemistry</i> , 0, , .	2.1	0