Marcelo F. Santiago

List of Publications by Year
in descending order

52	1,486	304602	330025
papers	citations	22 h-index	37 g-index

54	54	54	2151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	P2X7 Receptor Triggers Lysosomal Leakage Through Calcium Mobilization in a Mechanism Dependent on Pannexin-1 Hemichannels. Frontiers in Immunology, 2022, 13, 752105.	2.2	5
2	Human mesenchymal stem cell therapy promotes retinal ganglion cell survival and target reconnection after optic nerve crush in adult rats. Stem Cell Research and Therapy, 2021, 12, 69.	2.4	29
3	GD3 synthase deletion alters retinal structure and impairs visual function in mice. Journal of Neurochemistry, 2021, 158, 694-709.	2.1	4
4	Effects of a combinatorial treatment with gene and cell therapy on retinal ganglion cell survival and axonal outgrowth after optic nerve injury. Gene Therapy, 2020, 27, 27-39.	2.3	15
5	Paracrine signaling of human mesenchymal stem cell modulates retinal microglia population number and phenotype in vitro. Experimental Eye Research, 2020, 200, 108212.	1.2	7
6	Neuroprotection from optic nerve injury and modulation of oxidative metabolism by transplantation of active mitochondria to the retina. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165686.	1.8	31
7	Nerve Growth Factor Role on Retinal Ganglion Cell Survival and Axon Regrowth: Effects of Ocular Administration in Experimental Model of Optic Nerve Injury. Molecular Neurobiology, 2019, 56, 1056-1069.	1.9	42
8	Preconditioning of Rat Bone Marrow-Derived Mesenchymal Stromal Cells with Toll-Like Receptor Agonists. Stem Cells International, 2019, 2019, 1-18.	1.2	7
9	Long-term neuronal survival, regeneration, and transient target reconnection after optic nerve crush and mesenchymal stem cell transplantation. Stem Cell Research and Therapy, 2019, 10, 121.	2.4	24
10	Bone-marrow mononuclear cell therapy in a mouse model of amyotrophic lateral sclerosis: Functional outcomes from different administration routes. Brain Research, 2019, 1712, 73-81.	1.1	10
11	Vaccination With Recombinant Filamentous fd Phages Against Parasite Infection Requires TLR9 Expression. Frontiers in Immunology, 2018, 9, 1173.	2.2	12
12	CD60b: Enriching Neural Stem/Progenitor Cells from Rat Development into Adulthood. Stem Cells International, 2017, 2017, 1-16.	1.2	4
13	Time-Dependent Nerve Growth Factor Signaling Changes in the Rat Retina During Optic Nerve Crush-Induced Degeneration of Retinal Ganglion Cells. International Journal of Molecular Sciences, 2017, 18, 98.	1.8	22
14	Bone Marrow-Derived Cells as a Therapeutic Approach to Optic Nerve Diseases. Stem Cells International, 2016, 2016, 1-16.	1.2	32
15	Intraspinal bone-marrow cell therapy at pre- and symptomatic phases in a mouse model of amyotrophic lateral sclerosis. Stem Cell Research and Therapy, 2016, 7, 41.	2.4	22
16	Cellulose as an efficient matrix for lipase and transaminase immobilization. RSC Advances, 2016, 6, 6665-6671.	1.7	35
17	Prospects for bone marrow cell therapy in amyotrophic lateral sclerosis: how far are we from a clinical treatment?. Neural Regeneration Research, 2016, 11, 1216.	1.6	4
18	Mice Lacking GD3 Synthase Display Morphological Abnormalities in the Sciatic Nerve and Neuronal Disturbances during Peripheral Nerve Regeneration. PLoS ONE, 2014, 9, e108919.	1.1	17

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19	Inhibition of STAT3-interacting protein 1 (STATIP1) promotes STAT3 transcriptional up-regulation and imatinib mesylate resistance in the chronic myeloid leukemia. BMC Cancer, 2014, 14, 866.	1.1	6
20	Sustained effect of bone marrow mononuclear cell therapy in axonal regeneration in a model of optic nerve crush. Brain Research, 2014, 1587, 54-68.	1.1	26
21	Distribution of Mesenchymal Stem Cells and Effects on Neuronal Survival and Axon Regeneration after Optic Nerve Crush and Cell Therapy. PLoS ONE, 2014, 9, e110722.	1.1	84
22	Effects of protein restriction during gestation and lactation on cell proliferation in the hippocampus and subventricular zone: Functional implications. Protein restriction alters hippocampal/SVZ cell proliferation. Brain Research, 2013, 1496, 10-27.	1.1	20
23	Bone-marrow cell therapy induces differentiation of radial glia-like cells and rescues the number of oligodendrocyte progenitors in the subventricular zone after global cerebral ischemia. Stem Cell Research, 2013, 10, 241-256.	0.3	9
24	Resident Neural Stem Cells. , 2013, , 69-87.		1
25	Neuroblast Migration and P2Y₁ Receptor Mediated Calcium Signalling Depend on 9-O-Acetyl GD3 Ganglioside. ASN Neuro, 2012, 4, AN20120035.	1.5	11
26	Cell Therapy Modulates Expression of Tax1-Binding Protein 1 and Synaptotagmin IV in a Model of Optic Nerve Lesion. , 2012, 53, 4720.		7
27	Neuroprotective effects and magnetic resonance imaging of mesenchymal stem cells labeled with SPION in a rat model of Huntington's disease. Stem Cell Research, 2012, 9, 143-155.	0.3	70
28	Targeting Pannexin1 Improves Seizure Outcome. PLoS ONE, 2011, 6, e25178.	1.1	163
29	Bone Marrow Mononuclear Cells Increase Retinal Ganglion Cell Survival and Axon Regeneration in the Adult Rat. Cell Transplantation, 2011, 20, 391-406.	1.2	52
30	Bone Marrow Mononuclear Cell Therapy Led to Alveolar-Capillary Membrane Repair, Improving Lung Mechanics in Endotoxin-Induced Acute Lung Injury. Cell Transplantation, 2010, 19, 965-971.	1.2	33
31	Effect of neuronal precursor cells derived from medial ganglionic eminence in an acute epileptic seizure model. Epilepsia, 2010, 51, 71-75.	2.6	32
32	Pituitary adenylyl cyclaseâ€activating polypeptide controls the proliferation of retinal progenitor cells through downregulation of cyclin D1. European Journal of Neuroscience, 2010, 32, 311-321.	1.2	31
33	The Carboxyl-terminal Domain of Connexin43 Is a Negative Modulator of Neuronal Differentiation. Journal of Biological Chemistry, 2010, 285, 11836-11845.	1.6	43
34	Impaired Innate Immunity in Tlr4â^'/â^' Mice but Preserved CD8+ T Cell Responses against Trypanosoma cruzi in Tlr4-, Tlr2-, Tlr9- or Myd88-Deficient Mice. PLoS Pathogens, 2010, 6, e1000870.	2.1	67
35	Human Cord Blood Transplantation in a Neonatal Rat Model of Hypoxicâ€“Ischemic Brain Damage: Functional Outcome Related to Neuroprotection in the Striatum. Stem Cells and Development, 2010, 19, 351-358.	1.1	155
36	NMDA receptor blockade alters the intracellular distribution of neuronal nitric oxide synthase in the superficial layers of the rat superior colliculus. Brazilian Journal of Medical and Biological Research, 2009, 42, 189-196.	0.7	4

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37	Radial glia-like cells persist in the adult rat brain. Brain Research, 2009, 1258, 43-52.	1.1	65
38	Proton-pyrophosphatase and polyphosphate in acidocalcisome-like vesicles from oocytes and eggs of Periplaneta americana. Insect Biochemistry and Molecular Biology, 2009, 39, 198-206.	1.2	28
39	Polyphosphate polymers during early embryogenesis of Periplaneta americana. Journal of Insect Physiology, 2008, 54, 1459-1466.	0.9	12
40	Diversity among satellite glial cells in dorsal root ganglia of the rat. Brazilian Journal of Medical and Biological Research, 2008, 41, 1011-1017.	0.7	40
41	Ganglioside 9-O-acetyl GD3 expression is upregulated in the regenerating peripheral nerve. Neuroscience, 2007, 147, 97-105.	1.1	20
42	Glial-guided neuronal migration in P19 embryonal carcinoma stem cell aggregates. Journal of Neuroscience Research, 2005, 81, 9-20.	1.3	22
43	Response of osteoblastic cells to titanium submitted to three different surface treatments. Brazilian Oral Research, 2005, 19, 203-208.	0.6	19
44	Regulation and function of neurogenesis in the adult vertebrate brain. Brazilian Journal of Medical and Biological Research, 2005, 38, 1553-1559.	0.7	2
45	Immunoblockage of 9-O-Acetyl GD3 Ganglioside Arrests the In Vivo Migration of Cerebellar Granule Neurons. Journal of Neuroscience, 2004, 24, 474-478.	1.7	32
46	Expression of 2?,3?-cyclic nucleotide 3?-phosphodiesterase (CNPase) in the developing olfactory bulb and subventricular zone rostral extension. Journal of Neuroscience Research, 2003, 73, 471-480.	1.3	9
47	Localization of ganglioside 9-O-acetyl GD3 in point contacts of neuronal growth cones. Journal of Neurobiology, 2003, 57, 31-37.	3.7	15
48	Functional role of a specific ganglioside in neuronal migration and neurite outgrowth. Brazilian Journal of Medical and Biological Research, 2003, 36, 1003-1013.	0.7	22
49	Expression and Function of Ganglioside 9-O-Acetyl GD3 in Postmitotic Granule Cell Development. Molecular and Cellular Neurosciences, 2001, 17, 488-499.	1.0	41
50	Functional role of a glycolipid in directional movements of neurons. Anais Da Academia Brasileira De Ciencias, 2001, 73, 221-229.	0.3	12
51	Migrating neurons cross a reelin-rich territory to form an organized tissue out of embryonic cortical slices. European Journal of Neuroscience, 2000, 12, 4536-4540.	1.2	11
52	Role of 9-O-Acetyl Gangliosides on Neurite Extensiona. Annals of the New York Academy of Sciences, 1998, 845, 418-418.	1.8	0