

Sara Gil-Perotin

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,623
citations

361413

20
h-index

289244

40
g-index

50
all docs

50
docs citations

50
times ranked

4047
citing authors

#	ARTICLE	IF	CITATIONS
1	PDGFR β -Positive B Cells Are Neural Stem Cells in the Adult SVZ that Form Glioma-like Growths in Response to Increased PDGF Signaling. <i>Neuron</i> , 2006, 51, 187-199.	8.1	501
2	Cellular composition and cytoarchitecture of the adult human subventricular zone: A niche of neural stem cells. <i>Journal of Comparative Neurology</i> , 2006, 494, 415-434.	1.6	501
3	Extensive migration of young neurons into the infant human frontal lobe. <i>Science</i> , 2016, 354, .	12.6	293
4	Loss of p53 Induces Changes in the Behavior of Subventricular Zone Cells: Implication for the Genesis of Glial Tumors. <i>Journal of Neuroscience</i> , 2006, 26, 1107-1116.	3.6	199
5	Implications of endotracheal tube biofilm in ventilator-associated pneumonia response: a state of concept. <i>Critical Care</i> , 2012, 16, R93.	5.8	176
6	Bi- and unciliated ependymal cells define continuous floor-plate-derived tanycytic territories. <i>Nature Communications</i> , 2017, 8, 13759.	12.8	80
7	Chronic hyperammonemia induces peripheral inflammation that leads to cognitive impairment in rats: Reversed by anti-TNF- α treatment. <i>Journal of Hepatology</i> , 2020, 73, 582-592.	3.7	77
8	Ultrastructure of the subventricular zone in <i>Macaca fascicularis</i> and evidence of a mouse-like migratory stream. <i>Journal of Comparative Neurology</i> , 2009, 514, 533-554.	1.6	72
9	Reducing Peripheral Inflammation with Infliximab Reduces Neuroinflammation and Improves Cognition in Rats with Hepatic Encephalopathy. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 106.	2.9	69
10	The LIM Homeodomain Factor Lhx2 Is Required for Hypothalamic Tanycyte Specification and Differentiation. <i>Journal of Neuroscience</i> , 2014, 34, 16809-16820.	3.6	63
11	Adult Neural Stem Cells From the Subventricular Zone: A Review of the Neurosphere Assay. <i>Anatomical Record</i> , 2013, 296, 1435-1452.	1.4	62
12	Combined Cerebrospinal Fluid Neurofilament Light Chain Protein and Chitinase-3 Like-1 Levels in Defining Disease Course and Prognosis in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 1008.	2.4	56
13	Defective Postnatal Neurogenesis and Disorganization of the Rostral Migratory Stream in Absence of the Vax1 Homeobox Gene. <i>Journal of Neuroscience</i> , 2004, 24, 11171-11181.	3.6	52
14	Efficacy and safety of rituximab in relapsing and progressive multiple sclerosis: a hospital-based study. <i>Journal of Neurology</i> , 2018, 265, 1690-1697.	3.6	41
15	Autologous hematopoietic stem cell transplantation in relapsing-remitting multiple sclerosis: comparison with secondary progressive multiple sclerosis. <i>Neurological Sciences</i> , 2017, 38, 1213-1221.	1.9	40
16	Roles of p53 and p27 β -catenin in the regulation of neurogenesis in the murine adult subventricular zone. <i>European Journal of Neuroscience</i> , 2011, 34, 1040-1052.	2.6	38
17	Sustained hyperammonemia induces TNF- α IN Purkinje neurons by activating the TNFR1-NF- κ B pathway. <i>Journal of Neuroinflammation</i> , 2020, 17, 70.	7.2	27
18	Inflammatory demyelination induces ependymal modifications concomitant to activation of adult (SVZ) stem cell proliferation. <i>Glia</i> , 2017, 65, 756-772.	4.9	25

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19	Exposure to N-Ethyl-N-Nitrosourea in Adult Mice Alters Structural and Functional Integrity of Neurogenic Sites. PLoS ONE, 2012, 7, e29891.	2.5	23
20	Treatment with alemtuzumab or rituximab after fingolimod withdrawal in relapsingâ€“remitting multiple sclerosis is effective and safe. Journal of Neurology, 2019, 266, 726-734.	3.6	22
21	Onset of secondary progressive multiple sclerosis is not influenced by current relapsing multiple sclerosis therapies. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2018, 4, 205521731878334.	1.0	21
22	CSF chitinase 3-like-1 association with disability of primary progressive MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	21
23	Potential Role of CHI3L1+ Astrocytes in Progression in MS. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	6.0	20
24	Assessment of the in vivo formation of biofilm on external ventricular drainages. European Journal of Clinical Microbiology and Infectious Diseases, 2013, 32, 1437-1443.	2.9	19
25	<i>In Vivo</i> and <i>Ex Vivo</i> Magnetic Resonance Spectroscopy of the Infarct and the Subventricular Zone in Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 828-834.	4.3	17
26	Recurrent and universal alopecia areata following alemtuzumab treatment in multiple sclerosis: A secondary autoimmune disease. Multiple Sclerosis and Related Disorders, 2019, 27, 406-408.	2.0	17
27	Identification and characterization of neural progenitor cells in the adult mammalian brain. Advances in Anatomy, Embryology and Cell Biology, 2009, 203, 1-101, ix.	1.6	13
28	Postnatal exposure to <i>N</i>-ethyl-â€“N</i>-nitrosourea disrupts the subventricular zone in adult rodents. European Journal of Neuroscience, 2010, 32, 1789-1799.	2.6	12
29	Epilepsy, status epilepticus, and hemiplegic migraine coexisting with a novel SLC4A4 mutation. Neurological Sciences, 2021, 42, 3647-3654.	1.9	8
30	Impact of microbial ecology on accuracy of surveillance cultures to predict multidrug resistant microorganisms causing ventilator-associated pneumonia. Journal of Infection, 2014, 69, 333-340.	3.3	7
31	Intravenous SPION-labeled adipocyte-derived stem cells targeted to the brain by magnetic attraction in a rat stroke model: An ultrastructural insight into cell fate within the brain. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 39, 102464.	3.3	6
32	Progressive Demyelination in the Presence of Serum Myelin Oligodendrocyte Glycoprotein-IgG: A Case Report. Frontiers in Neurology, 2018, 9, 340.	2.4	5
33	In situ RT-PCR Optimized for Electron Microscopy Allows Description of Subcellular Morphology of Target mRNA-Expressing Cells in the Brain. Frontiers in Cellular Neuroscience, 2017, 11, 141.	3.7	4
34	Silent Progression or Bout Onset Progressive Multiple Sclerosis?. Annals of Neurology, 2019, 86, 472-472.	5.3	3
35	Valor de la secuencia de susceptibilidad magnÃ©tica en formas subagudas de embolismo graso cerebral. NeurologÃ­a, 2019, 34, 616-618.	0.7	1
36	Extrinsic and Intrinsic Factors Modulating Proliferation and Self-renewal of Multipotential CNS Progenitors and Adult Neural Stem Cells of the Subventricular Zone. , 2006, , 30-83.		1

#	ARTICLE	IF	CITATIONS
37	Localization of GFP-Tagged Proteins at the Electron Microscope. <i>Neuromethods</i> , 2016, , 179-190.	0.3	1
38	Adult Neurogenesis Under Pathological Stimulation: Ischemia. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2009, , 67-75.	1.6	1
39	Therapeutic Potential of Neural Stem Cells. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2009, , 77-79.	1.6	1
40	Oncogenesis vs. Neurogenesis. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2009, , 63-66.	1.6	0
41	Usefulness of susceptibility-weighted imaging in subacute cerebral fat embolism. <i>Neurología (English)</i> Tj ETQq1 1 0,784314 ggBT /Over	0.4	0
42	Reader response: Intrathecal IgM production is a strong risk factor for early conversion to multiple sclerosis. <i>Neurology</i> , 2020, 95, 277.1-277.	1.1	0
43	Research Methodologies for Adult Neurogenesis. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2009, , 5-25.	1.6	0
44	Desarrollo y optimización de un modelo animal para el estudio de las células ganglionares en enfermedad degenerativa de la retina y nervio óptico. <i>Archivos De La Sociedad Española De Oftalmología</i> , 2019, 94, 263-272.	0.2	0
45	Evaluation of the retina and optic nerve after the use of stem cells for neurodegenerative disorders in an animal model. <i>Revista Mexicana De Oftalmología (English Edition)</i> , 2019, 93, .	0.0	0