

JesÃ³s Mateos Grondona

List of Publications by Year in descending order

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42
papers

1,878
citations

430442

18
h-index

288905

40
g-index

42
all docs

42
docs citations

42
times ranked

2384
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic analysis of RXR β developmental function: Convergence of RXR and RAR signaling pathways in heart and eye morphogenesis. <i>Cell</i> , 1994, 78, 987-1003.	13.5	671
2	Microglia Morphological Categorization in a Rat Model of Neuroinflammation by Hierarchical Cluster and Principal Components Analysis. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 235.	1.8	277
3	IGF β stimulates neurogenesis in the hypothalamus of adult rats. <i>European Journal of Neuroscience</i> , 2010, 31, 1533-1548.	1.2	146
4	Microglial Morphometric Parameters Correlate With the Expression Level of IL-1 β , and Allow Identifying Different Activated Morphotypes. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 472.	1.8	69
5	Pharmacological Administration of the Isoflavone Daidzein Enhances Cell Proliferation and Reduces High Fat Diet-Induced Apoptosis and Gliosis in the Rat Hippocampus. <i>PLoS ONE</i> , 2013, 8, e64750.	1.1	58
6	Ependymal Denudation, Aqueductal Obliteration and Hydrocephalus after a Single Injection of Neuraminidase into the Lateral Ventricle of Adult Rats. <i>Journal of Neuropathology and Experimental Neurology</i> , 1996, 55, 999-1008.	0.9	48
7	The central nervous system of sea cucumbers (Echinodermata: Holothuroidea) shows positive immunostaining for a chordate glial secretion. <i>Frontiers in Zoology</i> , 2009, 6, 11.	0.9	46
8	Influence of Environmental Salinity on Prolactin and Corticotropic Cells in the Gilthead Sea Bream (<i>Sparus aurata</i> L.). <i>General and Comparative Endocrinology</i> , 1993, 90, 220-231.	0.8	42
9	Obesity-dependent cannabinoid modulation of proliferation in adult neurogenic regions. <i>European Journal of Neuroscience</i> , 2011, 33, 1577-1586.	1.2	39
10	<i>Msx1</i> -Deficient Mice Fail to Form Prosomere 1 Derivatives, Subcommissural Organ, and Posterior Commissure and Develop Hydrocephalus. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 574-586.	0.9	37
11	Immunocytochemical study of the hypothalamic magnocellular neurosecretory nuclei of the snake <i>Natrix maura</i> and the turtle <i>Mauremys caspica</i> . <i>Cell and Tissue Research</i> , 1988, 253, 435-45.	1.5	36
12	Microglial activation by microbial neuraminidase through TLR2 and TLR4 receptors. <i>Journal of Neuroinflammation</i> , 2019, 16, 245.	3.1	36
13	Pharmacological blockade of fatty acid amide hydrolase (FAAH) by URB597 improves memory and changes the phenotype of hippocampal microglia despite ethanol exposure. <i>Biochemical Pharmacology</i> , 2018, 157, 244-257.	2.0	35
14	Neurogenesis in explants from the walls of the lateral ventricle of adult bovine brain: role of endogenous IGF-1 as a survival factor. <i>European Journal of Neuroscience</i> , 2003, 17, 205-211.	1.2	28
15	Localization of the cannabinoid CB1 receptor and the 2-AG synthesizing (DAGL β) and degrading (MAGL) in the adult rat hippocampus. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 56.	0.9	27
16	Neuroinflammation Induced by Intracerebroventricular Injection of Microbial Neuraminidase. <i>Frontiers in Medicine</i> , 2015, 2, 14.	1.2	21
17	The Subcommissural Organ and the Development of the Posterior Commissure. <i>International Review of Cell and Molecular Biology</i> , 2012, 296, 63-137.	1.6	20
18	A simple method to obtain pure cultures of multiciliated ependymal cells from adult rodents. <i>Histochemistry and Cell Biology</i> , 2013, 139, 205-220.	0.8	20

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19	Analysis of the secretory glycoproteins of the subcommissural organ of the dogfish (<i>Scyliorhinus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	2.5	18
20	Dietâ€dependent modulation of hippocampal expression of endocannabinoid signalingâ€related proteins in cannabinoid antagonistâ€treated obese rats. <i>European Journal of Neuroscience</i> , 2013, 37, 105-117.	1.2	18
21	A comparative analysis of intraperitoneal versus intracerebroventricular administration of bromodeoxyuridine for the study of cell proliferation in the adult rat brain. <i>Journal of Neuroscience Methods</i> , 2011, 201, 307-314.	1.3	17
22	Rostral floor plate (flexural organ) secretes glycoproteins immunologically similar to subcommissural organ glycoproteins in dogfish (<i>Scyliorhinus canicula</i>) embryos. <i>Developmental Brain Research</i> , 1997, 102, 69-75.	2.1	16
23	Analysis and quantification of the secretory products of the subcommissural organ by use of monoclonal antibodies. <i>Microscopy Research and Technique</i> , 2001, 52, 510-519.	1.2	14
24	Hypophysial and extrahypophysial projections of the neurosecretory system of cartilaginous fishes: An immunocytochemical study using a polyclonal antibody against dogfish neurophysin. , 1996, 373, 400-421.		13
25	Quantification of the secretory glycoproteins of the subcommissural organ by a sensitive sandwich ELISA with a polyclonal antibody and a set of monoclonal antibodies against the bovine Reissner's fiber. <i>Cell and Tissue Research</i> , 1998, 294, 407-413.	1.5	13
26	Ependymal explants from the lateral ventricle of the adult bovine brain: a model system for morphological and functional studies of the ependyma. <i>Cell and Tissue Research</i> , 2000, 300, 11-19.	1.5	12
27	Secretory glycoproteins of the subcommissural organ of the dogfish (<i>Scyliorhinus canicula</i>): evidence for the existence of precursor and processed forms. <i>Cell and Tissue Research</i> , 1995, 283, 75-84.	1.5	11
28	Continuous delivery of a monoclonal antibody against Reissnerâ€™s fiber into CSF reveals CSF-soluble material immunorelated to the subcommissural organ in early chick embryos. <i>Cell and Tissue Research</i> , 2006, 326, 771-786.	1.5	11
29	Longâ€term priming of hypothalamic microglia is associated with energy balance disturbances under dietâ€induced obesity. <i>Glia</i> , 2022, 70, 1734-1761.	2.5	11
30	Expression of a Novel Ciliary Protein, IIG9, During the Differentiation and Maturation of Ependymal Cells. <i>Molecular Neurobiology</i> , 2018, 55, 1652-1664.	1.9	10
31	Reissnerâ€™s fiber formation depends on developmentally regulated factors extrinsic to the subcommissural organ. <i>Cell and Tissue Research</i> , 2005, 321, 429-441.	1.5	9
32	Complement system activation contributes to the ependymal damage induced by microbial neuraminidase. <i>Journal of Neuroinflammation</i> , 2016, 13, 115.	3.1	9
33	The subcommissural organ and the development of the posterior commissure in chick embryos. <i>Cell and Tissue Research</i> , 2010, 339, 383-395.	1.5	8
34	Identification of a high molecular weight polypeptide in the subcommissural organ of the chick embryo. <i>Cell and Tissue Research</i> , 1996, 286, 543-546.	1.5	7
35	Microglia activated by microbial neuraminidase contributes to ependymal cell death. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 15.	2.4	6
36	Anxiety-like behavior and microglial activation in the amygdala after acute neuroinflammation induced by microbial neuraminidase. <i>Scientific Reports</i> , 2022, 12, .	1.6	6

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37	Colloid droplets in the magnocellular secretory neurons of the reptilian hypothalamus: An immunocytochemical and lectin-histochemical study. <i>Cell and Tissue Research</i> , 1990, 260, 69-76.	1.5	4
38	Seasonal variation in the secretory activity of the subcommissural organ (SCO) of reptiles. <i>Neuroscience Letters</i> , 1996, 219, 9-12.	1.0	3
39	Microbial Neuraminidase Induces a Moderate and Transient Myelin Vacuolation Independent of Complement System Activation. <i>Frontiers in Neurology</i> , 2017, 8, 78.	1.1	3
40	A sensitive method to analyse the effect of putative regulatory ligands on the release of glycoprotein from primary cultures of dispersed bovine subcommissural organ cells. <i>Journal of Neuroscience Methods</i> , 2010, 191, 239-243.	1.3	2
41	Mente Activa® improves impaired spatial memory in aging rats. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 819-827.	1.5	1
42	Las ratas tratadas con el suplemento dietético Vitamix® (Ceregumil® con vitaminas) muestran mayor resistencia física y capacidad antioxidante. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion</i> , 2008, 55, 346-355.	0.8	0