Fernando Juan Pitossi

List of Publications by Year
in descending order

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Version: 2024-02-01

59 papers	4,889 citations	136885 32 h-index	138417 58 g-index
62 all docs	62 docs citations	62 times ranked	7140 citing authors

#	Article	IF	Citations
1	Transient expression of IL-1Î² induces acute lung injury and chronic repair leading to pulmonary fibrosis. Journal of Clinical Investigation, 2001, 107, 1529-1536.	3.9	655
2	Neuronal Differentiation in the Adult Hippocampus Recapitulates Embryonic Development. Journal of Neuroscience, 2005, 25, 10074-10086.	1.7	574
3	Central and systemic IL-1 exacerbates neurodegeneration and motor symptoms in a model of Parkinson's disease. Brain, 2008, 131, 1880-1894.	3.7	301
4	BDNF-triggered events in the rat hippocampus are required for both short- and long-term memory formation. Hippocampus, 2002, 12, 551-560.	0.9	298
5	Neurogenic niche modulation by activated microglia: transforming growth factor Î² increases neurogenesis in the adult dentate gyrus. European Journal of Neuroscience, 2006, 23, 83-93.	1.2	275
6	Microglial activation with atypical proinflammatory cytokine expression in a rat model of Parkinson's disease. European Journal of Neuroscience, 2003, 18, 2731-2742.	1.2	214
7	Progressive neurodegeneration and motor disabilities induced by chronic expression of IL-1Î² in the substantia nigra. Neurobiology of Disease, 2006, 24, 183-193.	2.1	198
8	Reversible Demyelination, Blood-Brain Barrier Breakdown, and Pronounced Neutrophil Recruitment Induced by Chronic IL-1 Expression in the Brain. American Journal of Pathology, 2004, 165, 1827-1837.	1.9	189
9	Induction of cytokine transcripts in the central nervous system and pituitary following peripheral administration of endotoxin to mice. Journal of Neuroscience Research, 1997, 48, 287-298.	1.3	168
10	Mx proteins: GTPases with antiviral activity. Trends in Cell Biology, 1993, 3, 268-272.	3.6	145
11	Central Nervous System Injury Triggers Hepatic CC and CXC Chemokine Expression that Is Associated with Leukocyte Mobilization and Recruitment to Both the Central Nervous System and the Liver. American Journal of Pathology, 2005, 166, 1487-1497.	1.9	138
12	Interleukin-1Î² and tumor necrosis factor-Î±: reliable targets for protective therapies in Parkinsonâ€™s Disease?. Frontiers in Cellular Neuroscience, 2013, 7, 53.	1.8	123
13	Chronic expression of low levels of tumor necrosis factor-Î± in the substantia nigra elicits progressive neurodegeneration, delayed motor symptoms and microglia/macrophage activation. Neurobiology of Disease, 2010, 37, 630-640.	2.1	122
14	Prenatal inflammation impairs adult neurogenesis and memory related behavior through persistent hippocampal TGFÎ²1 downregulation. Brain, Behavior, and Immunity, 2010, 24, 1301-1309.	2.0	112
15	Learning modulation by endogenous hippocampal IL-1: Blockade of endogenous IL-1 facilitates memory formation. Hippocampus, 2004, 14, 526-535.	0.9	95
16	The more you have, the less you get: the functional role of inflammation on neuronal differentiation of endogenous and transplanted neural stem cells in the adult brain. Journal of Neurochemistry, 2010, 112, 1368-1385.	2.1	88
17	Banking on iPSC- Is it Doable and is it Worthwhile. Stem Cell Reviews and Reports, 2015, 11, 1-10.	5.6	78
18	Chronic Expression of Transforming Growth Factor-Beta Enhances Adult Neurogenesis. NeuroImmunoModulation, 2010, 17, 200-201.	0.9	75

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19	Secreted Protein Acidic and Rich in Cysteine Produced by Human Melanoma Cells Modulates Polymorphonuclear Leukocyte Recruitment and Antitumor Cytotoxic Capacity. Cancer Research, 2005, 65, 5123-5132.	0.4	73
20	Overexpression of IL-1Î² by adenoviral-mediated gene transfer in the rat brain causes a prolonged hepatic chemokine response, axonal injury and the suppression of spontaneous behaviour. Neurobiology of Disease, 2007, 27, 151-163.	2.1	59
21	Brucella abortus Induces the Secretion of Proinflammatory Mediators from Glial Cells Leading to Astrocyte Apoptosis. American Journal of Pathology, 2010, 176, 1323-1338.	1.9	59
22	Neuroprotective and neurodegenerative effects of the chronic expression of tumor necrosis factor Î± in the nigrostriatal dopaminergic circuit of adult mice. Experimental Neurology, 2011, 227, 237-251.	2.0	57
23	Differential effects of interleukin-1Î² on neurotoxicity, cytokine induction and glial reaction in specific brain regions. Journal of Neuroimmunology, 2005, 168, 96-110.	1.1	55
24	Early and adult hippocampal TGF-Î²1 overexpression have opposite effects on behavior. Brain, Behavior, and Immunity, 2011, 25, 1582-1591.	2.0	55
25	Inhibition of Tumor Necrosis Factor-Î± Action within the CNS Markedly Reduces the Plasma Adrenocorticotropin Response to Peripheral Local Inflammation in Rats. Journal of Neuroscience, 1997, 17, 3262-3273.	1.7	50
26	Patients Beware: Commercialized Stem Cell Treatments on the Web. Cell Stem Cell, 2010, 7, 43-49.	5.2	50
27	Nigral neurodegeneration triggered by striatal AdIL-1 administration can be exacerbated by systemic IL-1 expression. Journal of Neuroimmunology, 2010, 222, 29-39.	1.1	44
28	Chronic systemic IL-1Î² exacerbates central neuroinflammation independently of the bloodâ€“brain barrier integrity. Journal of Neuroimmunology, 2015, 278, 30-43.	1.1	42
29	Differential vulnerability of adult neurogenesis by adult and prenatal inflammation: Role of TGF-Î²1. Brain, Behavior, and Immunity, 2013, 34, 17-28.	2.0	41
30	Hippocampal Interleukinâ€1Î² Gene Expression during Longâ€Term Potentiation Decays with Age. Annals of the New York Academy of Sciences, 2003, 992, 1-8.	1.8	40
31	Model based analysis of real-time PCR data from DNA binding dye protocols. BMC Bioinformatics, 2007, 8, 85.	1.2	36
32	Neuroprotective effects of human umbilical cord mesenchymal stromal cells in an immunocompetent animal model of Parkinson's disease. Journal of Neuroimmunology, 2012, 246, 43-50.	1.1	36
33	Evaluating the interaction between early postnatal inflammation and maternal care in the programming of adult anxiety and depression-related behaviors. Behavioural Brain Research, 2010, 213, 56-65.	1.2	32
34	Notch signaling proteins HES-1 and Hey-1 bind to insulin degrading enzyme (IDE) proximal promoter and repress its transcription and activity: Implications for cellular AÎ² metabolism. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 227-235.	1.9	30
35	Study of cytokine induced neuropathology by high resolution proton NMR spectroscopy of rat urine. FEBS Letters, 2004, 568, 49-54.	1.3	27
36	Iron Availability Compromises Not Only Oligodendrocytes But Also Astrocytes and Microglial Cells. Molecular Neurobiology, 2018, 55, 1068-1081.	1.9	26

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37	Pleiotrophin over-expression provides trophic support to dopaminergic neurons in parkinsonian rats. Molecular Neurodegeneration, 2011, 6, 40.	4.4	25
38	A new focal model resembling features of cortical pathology of the progressive forms of multiple sclerosis: Influence of innate immunity. Brain, Behavior, and Immunity, 2018, 69, 515-531.	2.0	25
39	Glial Cellâ€“Elicited Activation of Brain Microvasculature in Response to Brucella abortus Infection Requires ASC Inflammasomeâ€“Dependent IL-1Î² Production. Journal of Immunology, 2016, 196, 3794-3805.	0.4	23
40	Bias in Estimations of DNA Content by Competitive Polymerase Chain Reaction. Analytical Biochemistry, 2000, 287, 87-94.	1.1	16
41	Fibulin-2 is a key mediator of the pro-neurogenic effect of TGF-beta1 on adult neural stem cells. Molecular and Cellular Neurosciences, 2015, 67, 75-83.	1.0	15
42	Environmental enrichment improves cognitive symptoms and pathological features in a focal model of cortical damage of multiple sclerosis. Brain Research, 2020, 1727, 146520.	1.1	13
43	Cell therapy for Parkinson×³s disease: Functional role of the host immune response on survival and differentiation of dopaminergic neuroblasts. Brain Research, 2016, 1638, 15-29.	1.1	12
44	Chronic Hippocampal Expression of Notch Intracellular Domain Induces Vascular Thickening, Reduces Glucose Availability, and Exacerbates Spatial Memory Deficits in a Rat Model of Early Alzheimer. Molecular Neurobiology, 2018, 55, 8637-8650.	1.9	12
45	Cell therapy for Parkinsonâ€²s disease is coming of age: current challenges and future prospects with a focus on immunomodulation. Gene Therapy, 2020, 27, 6-14.	2.3	12
46	Not All Peripheral Immune Stimuli That Activate the HPA Axis Induce Proinflammatory Cytokine Gene Expression in the Hypothalamus. Annals of the New York Academy of Sciences, 2000, 917, 169-174.	1.8	11
47	Special issue commentary: The changing face of inflammation in the brain. Molecular and Cellular Neurosciences, 2013, 53, 1-5.	1.0	10
48	Inflammation and Parkinson's Disease. Parkinson's Disease, 2011, 2011, 1-2.	0.6	9
49	Stem cell research in Latin America: update, challenges and opportunities in a priority research area. Regenerative Medicine, 2015, 10, 785-798.	0.8	8
50	The Degenerating Substantia Nigra as a Susceptible Region for Gene Transfer-Mediated Inflammation. Parkinson's Disease, 2011, 2011, 1-8.	0.6	7
51	CNS response to a second pro-inflammatory event depends on whether the primary demyelinating lesion is active or resolved. Brain, Behavior, and Immunity, 2012, 26, 1102-1115.	2.0	7
52	Cell reprogramming and neuronal differentiation applied to neurodegenerative diseases: Focus on Parkinson's disease. FEBS Letters, 2015, 589, 3396-3406.	1.3	5
53	Current Status of Stem Cells and Regenerative Medicine Research in Argentina. Stem Cells and Development, 2014, 23, 17-19.	1.1	3
54	Plasma membrane calcium ATPase downregulation in dopaminergic neurons alters cellular physiology and motor behaviour in <scp>Drosophila melanogaster</scp>. European Journal of Neuroscience, 2021, 54, 5915-5931.	1.2	3

#	Article	IF	Citations
55	A familiar study on self-limited childhood epilepsy patients using hIPSC-derived neurons shows a bias towards immaturity at the morphological, electrophysiological and gene expression levels. Stem Cell Research and Therapy, 2021, 12, 590.	2.4	3
56	Understanding the role of the blood brain barrier and peripheral inflammation on behaviour and pathology on ongoing confined cortical lesions. Multiple Sclerosis and Related Disorders, 2021, 57, 103346.	0.9	2
57	The Role of Peripheral and Brain-Borne Cytokines in Immune-Neuro-Endocrine Interactions. , 2000, , 149-155.		1
58	Resident Neural Stem Cells. , 2013, , 69-87.		1
59	Differentiation of Mesenchymal Stem Cells into Retinal Progenitor Cells. Ophthalmic Research, 2015, 53, 28-29.	1.0	1