

Fernando Juan Pitossi

List of Publications by Year in descending order

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59
papers

4,889
citations

136950

32
h-index

138484

58
g-index

62
all docs

62
docs citations

62
times ranked

7140
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient expression of IL-1 β induces acute lung injury and chronic repair leading to pulmonary fibrosis. <i>Journal of Clinical Investigation</i> , 2001, 107, 1529-1536.	8.2	655
2	Neuronal Differentiation in the Adult Hippocampus Recapitulates Embryonic Development. <i>Journal of Neuroscience</i> , 2005, 25, 10074-10086.	3.6	574
3	Central and systemic IL-1 exacerbates neurodegeneration and motor symptoms in a model of Parkinson's disease. <i>Brain</i> , 2008, 131, 1880-1894.	7.6	301
4	BDNF-triggered events in the rat hippocampus are required for both short- and long-term memory formation. <i>Hippocampus</i> , 2002, 12, 551-560.	1.9	298
5	Neurogenic niche modulation by activated microglia: transforming growth factor β increases neurogenesis in the adult dentate gyrus. <i>European Journal of Neuroscience</i> , 2006, 23, 83-93.	2.6	275
6	Microglial activation with atypical proinflammatory cytokine expression in a rat model of Parkinson's disease. <i>European Journal of Neuroscience</i> , 2003, 18, 2731-2742.	2.6	214
7	Progressive neurodegeneration and motor disabilities induced by chronic expression of IL-1 β in the substantia nigra. <i>Neurobiology of Disease</i> , 2006, 24, 183-193.	4.4	198
8	Reversible Demyelination, Blood-Brain Barrier Breakdown, and Pronounced Neutrophil Recruitment Induced by Chronic IL-1 Expression in the Brain. <i>American Journal of Pathology</i> , 2004, 165, 1827-1837.	3.8	189
9	Induction of cytokine transcripts in the central nervous system and pituitary following peripheral administration of endotoxin to mice. <i>Journal of Neuroscience Research</i> , 1997, 48, 287-298.	2.9	168
10	Mx proteins: GTPases with antiviral activity. <i>Trends in Cell Biology</i> , 1993, 3, 268-272.	7.9	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. <i>American Journal of Pathology</i> , 2005, 166, 1487-1497.	3.8	138
12	Interleukin-1 β and tumor necrosis factor- α : reliable targets for protective therapies in Parkinson's Disease?. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 53.	3.7	123
13	Chronic expression of low levels of tumor necrosis factor- α in the substantia nigra elicits progressive neurodegeneration, delayed motor symptoms and microglia/macrophage activation. <i>Neurobiology of Disease</i> , 2010, 37, 630-640.	4.4	122
14	Prenatal inflammation impairs adult neurogenesis and memory related behavior through persistent hippocampal TGF β 1 downregulation. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 1301-1309.	4.1	112
15	Learning modulation by endogenous hippocampal IL-1: Blockade of endogenous IL-1 facilitates memory formation. <i>Hippocampus</i> , 2004, 14, 526-535.	1.9	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. <i>Journal of Neurochemistry</i> , 2010, 112, 1368-1385.	3.9	88
17	Banking on iPSC- Is it Doable and is it Worthwhile. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 1-10.	5.6	78
18	Chronic Expression of Transforming Growth Factor-Beta Enhances Adult Neurogenesis. <i>NeuroImmunoModulation</i> , 2010, 17, 200-201.	1.8	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. <i>Cancer Research</i> , 2005, 65, 5123-5132.	0.9	73
20	Overexpression of IL-1 β by adenoviral-mediated gene transfer in the rat brain causes a prolonged hepatic chemokine response, axonal injury and the suppression of spontaneous behaviour. <i>Neurobiology of Disease</i> , 2007, 27, 151-163.	4.4	59
21	<i>Brucella abortus</i> Induces the Secretion of Proinflammatory Mediators from Glial Cells Leading to Astrocyte Apoptosis. <i>American Journal of Pathology</i> , 2010, 176, 1323-1338.	3.8	59
22	Neuroprotective and neurodegenerative effects of the chronic expression of tumor necrosis factor α in the nigrostriatal dopaminergic circuit of adult mice. <i>Experimental Neurology</i> , 2011, 227, 237-251.	4.1	57
23	Differential effects of interleukin-1 β on neurotoxicity, cytokine induction and glial reaction in specific brain regions. <i>Journal of Neuroimmunology</i> , 2005, 168, 96-110.	2.3	55
24	Early and adult hippocampal TGF- β 1 overexpression have opposite effects on behavior. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1582-1591.	4.1	55
25	Inhibition of Tumor Necrosis Factor- α Action within the CNS Markedly Reduces the Plasma Adrenocorticotropin Response to Peripheral Local Inflammation in Rats. <i>Journal of Neuroscience</i> , 1997, 17, 3262-3273.	3.6	50
26	Patients Beware: Commercialized Stem Cell Treatments on the Web. <i>Cell Stem Cell</i> , 2010, 7, 43-49.	11.1	50
27	Nigral neurodegeneration triggered by striatal AdIL-1 administration can be exacerbated by systemic IL-1 expression. <i>Journal of Neuroimmunology</i> , 2010, 222, 29-39.	2.3	44
28	Chronic systemic IL-1 β exacerbates central neuroinflammation independently of the blood-brain barrier integrity. <i>Journal of Neuroimmunology</i> , 2015, 278, 30-43.	2.3	42
29	Differential vulnerability of adult neurogenesis by adult and prenatal inflammation: Role of TGF- β 1. <i>Brain, Behavior, and Immunity</i> , 2013, 34, 17-28.	4.1	41
30	Hippocampal Interleukin-1 β Gene Expression during Long-Term Potentiation Decays with Age. <i>Annals of the New York Academy of Sciences</i> , 2003, 992, 1-8.	3.8	40
31	Model based analysis of real-time PCR data from DNA binding dye protocols. <i>BMC Bioinformatics</i> , 2007, 8, 85.	2.6	36
32	Neuroprotective effects of human umbilical cord mesenchymal stromal cells in an immunocompetent animal model of Parkinson's disease. <i>Journal of Neuroimmunology</i> , 2012, 246, 43-50.	2.3	36
33	Evaluating the interaction between early postnatal inflammation and maternal care in the programming of adult anxiety and depression-related behaviors. <i>Behavioural Brain Research</i> , 2010, 213, 56-65.	2.2	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 A β metabolism. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 227-235.	4.1	30
35	Study of cytokine induced neuropathology by high resolution proton NMR spectroscopy of rat urine. <i>FEBS Letters</i> , 2004, 568, 49-54.	2.8	27
36	Iron Availability Compromises Not Only Oligodendrocytes But Also Astrocytes and Microglial Cells. <i>Molecular Neurobiology</i> , 2018, 55, 1068-1081.	4.0	26

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37	Pleiotrophin over-expression provides trophic support to dopaminergic neurons in parkinsonian rats. <i>Molecular Neurodegeneration</i> , 2011, 6, 40.	10.8	25
38	A new focal model resembling features of cortical pathology of the progressive forms of multiple sclerosis: Influence of innate immunity. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 515-531.	4.1	25
39	Glial Cell-Induced Activation of Brain Microvasculature in Response to <i>Brucella abortus</i> Infection Requires ASC Inflammasome-Dependent IL-1 β Production. <i>Journal of Immunology</i> , 2016, 196, 3794-3805.	0.8	23
40	Bias in Estimations of DNA Content by Competitive Polymerase Chain Reaction. <i>Analytical Biochemistry</i> , 2000, 287, 87-94.	2.4	16
41	Fibulin-2 is a key mediator of the pro-neurogenic effect of TGF-beta1 on adult neural stem cells. <i>Molecular and Cellular Neurosciences</i> , 2015, 67, 75-83.	2.2	15
42	Environmental enrichment improves cognitive symptoms and pathological features in a focal model of cortical damage of multiple sclerosis. <i>Brain Research</i> , 2020, 1727, 146520.	2.2	13
43	Cell therapy for Parkinson's disease: Functional role of the host immune response on survival and differentiation of dopaminergic neuroblasts. <i>Brain Research</i> , 2016, 1638, 15-29.	2.2	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. <i>Molecular Neurobiology</i> , 2018, 55, 8637-8650.	4.0	12
45	Cell therapy for Parkinson's disease is coming of age: current challenges and future prospects with a focus on immunomodulation. <i>Gene Therapy</i> , 2020, 27, 6-14.	4.5	12
46	Not All Peripheral Immune Stimuli That Activate the HPA Axis Induce Proinflammatory Cytokine Gene Expression in the Hypothalamus. <i>Annals of the New York Academy of Sciences</i> , 2000, 917, 169-174.	3.8	11
47	Special issue commentary: The changing face of inflammation in the brain. <i>Molecular and Cellular Neurosciences</i> , 2013, 53, 1-5.	2.2	10
48	Inflammation and Parkinson's Disease. <i>Parkinson's Disease</i> , 2011, 2011, 1-2.	1.1	9
49	Stem cell research in Latin America: update, challenges and opportunities in a priority research area. <i>Regenerative Medicine</i> , 2015, 10, 785-798.	1.7	8
50	The Degenerating Substantia Nigra as a Susceptible Region for Gene Transfer-Mediated Inflammation. <i>Parkinson's Disease</i> , 2011, 2011, 1-8.	1.1	7
51	CNS response to a second pro-inflammatory event depends on whether the primary demyelinating lesion is active or resolved. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 1102-1115.	4.1	7
52	Cell reprogramming and neuronal differentiation applied to neurodegenerative diseases: Focus on Parkinson's disease. <i>FEBS Letters</i> , 2015, 589, 3396-3406.	2.8	5
53	Current Status of Stem Cells and Regenerative Medicine Research in Argentina. <i>Stem Cells and Development</i> , 2014, 23, 17-19.	2.1	3
54	Plasma membrane calcium ATPase downregulation in dopaminergic neurons alters cellular physiology and motor behaviour in <i>Drosophila melanogaster</i> . <i>European Journal of Neuroscience</i> , 2021, 54, 5915-5931.	2.6	3

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55	A familiar study on self-limited childhood epilepsy patients using iPSC-derived neurons shows a bias towards immaturity at the morphological, electrophysiological and gene expression levels. Stem Cell Research and Therapy, 2021, 12, 590.	5.5	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.	2.0	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.	1.9	1