

Jose Luis Muñoz Madrigal

List of Publications by Year in descending order

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65
papers

3,289
citations

136950

32
h-index

149698

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all docs

65
docs citations

65
times ranked

4897
citing authors

#	ARTICLE	IF	CITATIONS
1	CCL2 Inhibition of Pro-Resolving Mediators Potentiates Neuroinflammation in Astrocytes. International Journal of Molecular Sciences, 2022, 23, 3307.	4.1	6
2	Cognitive functioning in essential tremor without dementia: a clinical and imaging study. Neurological Sciences, 2022, , 1.	1.9	3
3	Noradrenaline in Alzheimer's Disease: A New Potential Therapeutic Target. International Journal of Molecular Sciences, 2022, 23, 6143.	4.1	11
4	Microglial CX3CR1 production increases in Alzheimer's disease and is regulated by noradrenaline. Glia, 2021, 69, 73-90.	4.9	21
5	Paliperidone attenuates chronic stress-induced changes in the expression of inflammasomes-related protein in the frontal cortex of male rats. International Immunopharmacology, 2021, 90, 107217.	3.8	5
6	How does neighbourhood socio-economic status affect the interrelationships between functioning dimensions in first episode of psychosis? A network analysis approach. Health and Place, 2021, 69, 102555.	3.3	3
7	Neuroplasticity and inflammatory alterations in the nucleus accumbens are corrected after risperidone treatment in a schizophrenia-related developmental model in rats. Schizophrenia Research, 2021, 235, 17-28.	2.0	13
8	Complete blood cell count-derived ratios can be useful biomarkers for neurological diseases. International Journal of Immunopathology and Pharmacology, 2021, 35, 205873842110482.	2.1	10
9	Toll-like receptor 4 agonist and antagonist lipopolysaccharides modify innate immune response in rat brain circumventricular organs. Journal of Neuroinflammation, 2020, 17, 6.	7.2	27
10	Depletion of brain perivascular macrophages regulates acute restraint stress-induced neuroinflammation and oxidative/nitrosative stress in rat frontal cortex. European Neuropsychopharmacology, 2020, 34, 50-64.	0.7	9
11	Chronic Mild Stress Alters Kynurenine Pathways Changing the Glutamate Neurotransmission in Frontal Cortex of Rats. Molecular Neurobiology, 2019, 56, 490-501.	4.0	41
12	Reboxetine Treatment Reduces Neuroinflammation and Neurodegeneration in the 5xFAD Mouse Model of Alzheimer's Disease: Role of CCL2. Molecular Neurobiology, 2019, 56, 8628-8642.	4.0	21
13	Modulation of Monoaminergic Systems by Antidepressants in the Frontal Cortex of Rats After Chronic Mild Stress Exposure. Molecular Neurobiology, 2019, 56, 7522-7533.	4.0	14
14	CCL2 Induces the Production of β_2 Adrenergic Receptors and Modifies Astrocytic Responses to Noradrenaline. Molecular Neurobiology, 2018, 55, 7872-7885.	4.0	6
15	Intracellular inflammatory and antioxidant pathways in postmortem frontal cortex of subjects with major depression: effect of antidepressants. Journal of Neuroinflammation, 2018, 15, 251.	7.2	60
16	Transcriptome analysis of alcohol-treated microglia reveals downregulation of beta amyloid phagocytosis. Journal of Neuroinflammation, 2018, 15, 141.	7.2	34
17	Alternative Method to Detect Neuronal Degeneration and Amyloid β Accumulation in Free-Floating Brain Sections With Fluoro-Jade. ASN Neuro, 2018, 10, 175909141878435.	2.7	11
18	Effects of the antipsychotic paliperidone on stress-induced changes in the endocannabinoid system in rat prefrontal cortex. World Journal of Biological Psychiatry, 2017, 18, 457-470.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Paliperidone reverts Toll-like receptor 3 signaling pathway activation and cognitive deficits in a maternal immune activation mouse model of schizophrenia. <i>Neuropharmacology</i> , 2017, 116, 196-207.	4.1	42
20	Noradrenaline induces CX3CL1 production and release by neurons. <i>Neuropharmacology</i> , 2017, 114, 146-155.	4.1	15
21	Lipopolysaccharide enters the rat brain by a lipoprotein-mediated transport mechanism in physiological conditions. <i>Scientific Reports</i> , 2017, 7, 13113.	3.3	99
22	Noradrenaline, Astroglia, and Neuroinflammation. , 2017, , 273-287.		1
23	The Atypical Antipsychotic Paliperidone Regulates Endogenous Antioxidant/Anti-Inflammatory Pathways in Rat Models of Acute and Chronic Restraint Stress. <i>Neurotherapeutics</i> , 2016, 13, 833-843.	4.4	38
24	Innate immune receptor Toll-like receptor 4 signalling in neuropsychiatric diseases. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 134-147.	6.1	126
25	Modulation of the antioxidant nuclear factor (erythroid 2-derived)-like 2 pathway by antidepressants in rats. <i>Neuropharmacology</i> , 2016, 103, 79-91.	4.1	35
26	Bacterial translocation affects intracellular neuroinflammatory pathways in a depression-like model in rats. <i>Neuropharmacology</i> , 2016, 103, 122-133.	4.1	36
27	Discrimination between Alzheimer's Disease and Late Onset Bipolar Disorder Using Multivariate Analysis. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 231.	3.4	28
28	The Chemokine (C-C Motif) Ligand 2 in Neuroinflammation and Neurodegeneration. <i>Advances in Experimental Medicine and Biology</i> , 2014, 824, 209-219.	1.6	21
29	Toll-like 4 receptor inhibitor TAK-242 decreases neuroinflammation in rat brain frontal cortex after stress. <i>Journal of Neuroinflammation</i> , 2014, 11, 8.	7.2	102
30	Noradrenergic Regulation of Glial Activation: Molecular Mechanisms and Therapeutic Implications. <i>Current Neuropharmacology</i> , 2014, 12, 342-352.	2.9	43
31	Dual effects of noradrenaline on astroglial production of chemokines and pro-inflammatory mediators. <i>Journal of Neuroinflammation</i> , 2013, 10, 81.	7.2	28
32	Stress-Induced Neuroinflammation: Role of the Toll-Like Receptor-4 Pathway. <i>Biological Psychiatry</i> , 2013, 73, 32-43.	1.3	169
33	Risperidone normalizes increased inflammatory parameters and restores anti-inflammatory pathways in a model of neuroinflammation. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 121-135.	2.1	87
34	Endogenous cannabinoid system regulates intestinal barrier function in vivo through cannabinoid type 1 receptor activation. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G565-G571.	3.4	44
35	JNK/ERK/FAK Mediate Promigratory Actions of Basic Fibroblast Growth Factor in Astrocytes via CCL2 and COX2. <i>NeuroSignals</i> , 2012, 20, 86-102.	0.9	17
36	Mangiferin decreases inflammation and oxidative damage in rat brain after stress. <i>European Journal of Nutrition</i> , 2012, 51, 729-739.	3.9	88

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37	Regulation of CCL2/MCP-1 production in astrocytes by desipramine and atomoxetine: Involvement of $\hat{\pm}2$ adrenergic receptors. <i>Brain Research Bulletin</i> , 2011, 86, 326-333.	3.0	20
38	The anti-inflammatory prostaglandin 15d-PGJ2 and its nuclear receptor PPARgamma are decreased in schizophrenia. <i>Schizophrenia Research</i> , 2011, 128, 15-22.	2.0	64
39	Origin and consequences of brain Toll-like receptor 4 pathway stimulation in an experimental model of depression. <i>Journal of Neuroinflammation</i> , 2011, 8, 151.	7.2	134
40	CCL2/MCP-1 modulation of microglial activation and proliferation. <i>Journal of Neuroinflammation</i> , 2011, 8, 77.	7.2	146
41	Regulatory Role of Cannabinoid Receptor 1 in Stress-Induced Excitotoxicity and Neuroinflammation. <i>Neuropsychopharmacology</i> , 2011, 36, 805-818.	5.4	97
42	Corticosterone basal levels and vulnerability to LPS-induced neuroinflammation in the rat brain. <i>Brain Research</i> , 2010, 1315, 159-168.	2.2	21
43	Regulation of MCP-1 production in brain by stress and noradrenaline-modulating drugs. <i>Journal of Neurochemistry</i> , 2010, 113, 543-551.	3.9	31
44	Anti-inflammatory effects of <i>Mangifera indica</i> L. extract in a model of colitis. <i>World Journal of Gastroenterology</i> , 2010, 16, 4922.	3.3	43
45	Chronic immobilisation stress ameliorates clinical score and neuroinflammation in a MOG-induced EAE in Dark Agouti rats: mechanisms implicated. <i>Journal of Neuroinflammation</i> , 2010, 7, 60.	7.2	34
46	Astrocyte-Derived MCP-1 Mediates Neuroprotective Effects of Noradrenaline. <i>Journal of Neuroscience</i> , 2009, 29, 263-267.	3.6	118
47	Stress Mediators Regulate Brain Prostaglandin Synthesis and Peroxisome Proliferator-Activated Receptor- β Activation after Stress in Rats. <i>Endocrinology</i> , 2008, 149, 1969-1978.	2.8	92
48	Neuroprotective actions of noradrenaline: effects on glutathione synthesis and activation of peroxisome proliferator activated receptor delta. <i>Journal of Neurochemistry</i> , 2007, 103, 2092-2101.	3.9	74
49	Beta-Amyloid-Dependent Expression of NOS2 in Neurons: Prevention by an $\hat{\pm}2$ -Adrenergic Antagonist. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 873-833.	5.4	31
50	Stress-Induced Oxidative Changes in Brain. <i>CNS and Neurological Disorders - Drug Targets</i> , 2006, 5, 561-568.	1.4	101
51	Effects of Noradrenaline on Neuronal NOS2 Expression and Viability. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 885-892.	5.4	34
52	Norepinephrine protects cortical neurons against microglial-induced cell death. <i>Journal of Neuroscience Research</i> , 2005, 81, 390-396.	2.9	65
53	The anti-inflammatory prostaglandin 15d-PGJ2 decreases oxidative/nitrosative mediators in brain after acute stress in rats. <i>Psychopharmacology</i> , 2005, 180, 513-522.	3.1	33
54	Peroxisome proliferator-activated receptor gamma activation decreases neuroinflammation in brain after stress in rats. <i>Biological Psychiatry</i> , 2005, 57, 885-894.	1.3	101

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55	Activity of Inducible and Neuronal Nitric Oxide Synthases in Colonic Mucosa Predicts Progression of Ulcerative Colitis. <i>American Journal of Gastroenterology</i> , 2004, 99, 1756-1764.	0.4	30
56	TNF-alpha accounts for short-term persistence of oxidative status in rat brain after two weeks of repeated stress. <i>European Journal of Neuroscience</i> , 2004, 20, 1125-1130.	2.6	28
57	Stress Increases Susceptibility to Oxidative/Nitrosative Mucosal Damage in an Experimental Model of Colitis in Rats. <i>Digestive Diseases and Sciences</i> , 2004, 49, 1713-1721.	2.3	23
58	Oxidative/Nitrosative Brain Damage in Stress: Possible Target for Neuropsychopharmacological Drugs. <i>Current Medicinal Chemistry - Central Nervous System Agents</i> , 2004, 4, 235-242.	0.5	1
59	Relationship between cyclooxygenase-2 and nitric oxide synthase-2 in rat cortex after stress. <i>European Journal of Neuroscience</i> , 2003, 18, 1701-1705.	2.6	63
60	Induction of Cyclooxygenase-2 Accounts for Restraint Stress-Induced Oxidative Status in Rat Brain. <i>Neuropsychopharmacology</i> , 2003, 28, 1579-1588.	5.4	127
61	Expression and Function of Tumour Necrosis Factor- α -Converting Enzyme in the Central Nervous System. <i>NeuroSignals</i> , 2003, 12, 53-58.	0.9	18
62	Aspirin inhibits stress-induced increase in plasma glutamate, brain oxidative damage and ATP fall in rats. <i>NeuroReport</i> , 2002, 13, 217-221.	1.2	33
63	Stress-induced increase in extracellular sucrose space in rats is mediated by nitric oxide. <i>Brain Research</i> , 2002, 938, 87-91.	2.2	33
64	The Increase in TNF- α Levels Is Implicated in NF- κ B Activation and Inducible Nitric Oxide Synthase Expression in Brain Cortex after Immobilization Stress. <i>Neuropsychopharmacology</i> , 2002, 26, 155-163.	5.4	204
65	Inducible nitric oxide synthase expression in brain cortex after acute restraint stress is regulated by nuclear factor κ B-mediated mechanisms. <i>Journal of Neurochemistry</i> , 2001, 76, 532-538.	3.9	168