Javier R Caso

List of Publications by Year
in descending order

67 papers	4,135 citations	125106 35 h-index	134545 62 g-index
68 all docs	68 docs citations	68 times ranked	6786 citing authors

#	Article	IF	Citations
1	Sphk2 deletion is involved in structural abnormalities and Th17 response but does not aggravate colon inflammation induced by sub-chronic stress. Scientific Reports, 2022, 12, 4073.	1.6	2
2	CCL2 Inhibition of Pro-Resolving Mediators Potentiates Neuroinflammation in Astrocytes. International Journal of Molecular Sciences, 2022, 23, 3307.	1.8	6
3	Dysfunction of Inflammatory Pathways and Their Relationship With Psychological Factors in Adult Female Patients With Eating Disorders. Frontiers in Pharmacology, 2022, 13, 846172.	1.6	1
4	Noradrenaline in Alzheimerâ€™s Disease: A New Potential Therapeutic Target. International Journal of Molecular Sciences, 2022, 23, 6143.	1.8	11
5	Microglial <scp>CX3CR1</scp> production increases in Alzheimer's disease and is regulated by noradrenaline. Glia, 2021, 69, 73-90.	2.5	21
6	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.	1.7	5
7	Monoaminergic system and antidepressants. , 2021, , 345-355.		2
8	P086 Sphk2 deletion is involved in structural abnormalities and Th17 response but does not aggravate colon immune dysregulation and intestinal permeability in a stress-induced colonic inflammation. Journal of Crohn's and Colitis, 2021, 15, S186-S187.	0.6	0
9	Inflammatory dysregulation in women with an eating disorder: Relationships with altered emotional reactivity. International Journal of Eating Disorders, 2021, 54, 1843-1854.	2.1	7
10	Analysis of Molecular Networks in the Cerebellum in Chronic Schizophrenia: Modulation by Early Postnatal Life Stressors in Murine Models. International Journal of Molecular Sciences, 2021, 22, 10076.	1.8	5
11	Gut microbiota, innate immune pathways, and inflammatory control mechanisms in patients with major depressive disorder. Translational Psychiatry, 2021, 11, 645.	2.4	34
12	Dysfunction of inflammatory pathways in adolescent female patients with anorexia nervosa. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 96, 109727.	2.5	26
13	Toll-like receptor 4 agonist and antagonist lipopolysaccharides modify innate immune response in rat brain circumventricular organs. Journal of Neuroinflammation, 2020, 17, 6.	3.1	27
14	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.	0.3	9
15	Psychoneuroimmunology. , 2020, , 135-143.		0
16	Chronic Mild Stress Alters Kynurenine Pathways Changing the Glutamate Neurotransmission in Frontal Cortex of Rats. Molecular Neurobiology, 2019, 56, 490-501.	1.9	41
17	Reboxetine Treatment Reduces Neuroinflammation and Neurodegeneration in the 5xFAD Mouse Model of Alzheimerâ€™s Disease: Role of CCL2. Molecular Neurobiology, 2019, 56, 8628-8642.	1.9	21
18	Changes in brain kynurenine levels via gut microbiota and gutâ€barrier disruption induced by chronic ethanol exposure in mice. FASEB Journal, 2019, 33, 12900-12914.	0.2	20

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19	Modulation of Monoaminergic Systems by Antidepressants in the Frontal Cortex of Rats After Chronic Mild Stress Exposure. Molecular Neurobiology, 2019, 56, 7522-7533.	1.9	14
20	Association of chronic inflammation and perceived stress with abnormal functional connectivity in brain areas involved with interoception in hepatitis C patients. Brain, Behavior, and Immunity, 2019, 80, 204-218.	2.0	7
21	Early versus late stage schizophrenia. What markers make the difference?. World Journal of Biological Psychiatry, 2019, 20, 159-165.	1.3	3
22	CCL2 Induces the Production of Î²2 Adrenergic Receptors and Modifies Astrocytic Responses to Noradrenaline. Molecular Neurobiology, 2018, 55, 7872-7885.	1.9	6
23	Regulation of inflammatory pathways in schizophrenia: A comparative study with bipolar disorder and healthy controls. European Psychiatry, 2018, 47, 50-59.	0.1	32
24	Alcohol binge disrupts the rat intestinal barrier: the partial protective role of oleoylethanolamide. British Journal of Pharmacology, 2018, 175, 4464-4479.	2.7	36
25	Intracellular inflammatory and antioxidant pathways in postmortem frontal cortex of subjects with major depression: effect of antidepressants. Journal of Neuroinflammation, 2018, 15, 251.	3.1	60
26	Alternative Method to Detect Neuronal Degeneration and Amyloid Î² Accumulation in Free-Floating Brain Sections With Fluoro-Jade. ASN Neuro, 2018, 10, 175909141878435.	1.5	11
27	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.	1.3	8
28	The Role of the Microbial Metabolites Including Tryptophan Catabolites and Short Chain Fatty Acids in the Pathophysiology of Immune-Inflammatory and Neuroimmune Disease. Molecular Neurobiology, 2017, 54, 4432-4451.	1.9	191
29	Paliperidone reverts Toll-like receptor 3 signaling pathway activation and cognitive deficits in a maternal immune activation mouse model of schizophrenia. Neuropharmacology, 2017, 116, 196-207.	2.0	42
30	Noradrenaline induces CX3CL1 production and release by neurons. Neuropharmacology, 2017, 114, 146-155.	2.0	15
31	Lipopolysaccharide enters the rat brain by a lipoprotein-mediated transport mechanism in physiological conditions. Scientific Reports, 2017, 7, 13113.	1.6	99
32	The Microbiota and Gut-Brain Axis: Contributions to the Immunopathogenesis of Schizophrenia. Current Pharmaceutical Design, 2016, 22, 6122-6133.	0.9	39
33	Cannabis, Cannabinoid Receptors, and Stress-Induced Excitotoxicity. , 2016, , 731-737.		1
34	The Atypical Antipsychotic Paliperidone Regulates Endogenous Antioxidant/Anti-Inflammatory Pathways in Rat Models of Acute and Chronic Restraint Stress. Neurotherapeutics, 2016, 13, 833-843.	2.1	38
35	Innate immune receptor Toll-like receptor 4 signalling in neuropsychiatric diseases. Neuroscience and Biobehavioral Reviews, 2016, 64, 134-147.	2.9	126
36	Modulation of the antioxidant nuclear factor (erythroid 2-derived)-like 2 pathway by antidepressants in rats. Neuropharmacology, 2016, 103, 79-91.	2.0	35

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37	Bacterial translocation affects intracellular neuroinflammatory pathways in a depression-like model in rats. Neuropharmacology, 2016, 103, 122-133.	2.0	36
38	Therapeutic antidepressant potential of a conjugated siRNA silencing the serotonin transporter after intranasal administration. Molecular Psychiatry, 2016, 21, 328-338.	4.1	46
39	Toward Omics-Based, Systems Biomedicine, and Path and Drug Discovery Methodologies for Depression-Inflammation Research. Molecular Neurobiology, 2016, 53, 2927-2935.	1.9	40
40	The Role of Microbiota and Intestinal Permeability in the Pathophysiology of Autoimmune and Neuroimmune Processes with an Emphasis on Inflammatory Bowel Disease Type 1 Diabetes and Chronic Fatigue Syndrome. Current Pharmaceutical Design, 2016, 22, 6058-6075.	0.9	47
41	Paliperidone Prevents Brain Toll-Like Receptor 4 Pathway Activation and Neuroinflammation in Rat Models of Acute and Chronic Restraint Stress. International Journal of Neuropsychopharmacology, 2015, 18, .	1.0	27
42	Systemic Administration of Oleoylethanolamide Protects from Neuroinflammation and Anhedonia Induced by LPS in Rats. International Journal of Neuropsychopharmacology, 2015, 18, pyu111-pyu111.	1.0	75
43	The Chemokine (C-C Motif) Ligand 2 in Neuroinflammation and Neurodegeneration. Advances in Experimental Medicine and Biology, 2014, 824, 209-219.	0.8	21
44	Regulatory role of the cannabinoid CB₂ receptor in stressâ€induced neuroinflammation in mice. British Journal of Pharmacology, 2014, 171, 2814-2826.	2.7	78
45	Toll-like 4 receptor inhibitor TAK-242 decreases neuroinflammation in rat brain frontal cortex after stress. Journal of Neuroinflammation, 2014, 11, 8.	3.1	102
46	Early responses to deep brain stimulation in depression are modulated by anti-inflammatory drugs. Molecular Psychiatry, 2014, 19, 607-614.	4.1	63
47	Dual effects of noradrenaline on astroglial production of chemokines and pro-inflammatory mediators. Journal of Neuroinflammation, 2013, 10, 81.	3.1	28
48	Stress-Induced Neuroinflammation: Role of the Toll-Like Receptor-4 Pathway. Biological Psychiatry, 2013, 73, 32-43.	0.7	169
49	Glucocorticoid Signaling in Myeloid Cells Worsens Acute CNS Injury and Inflammation. Journal of Neuroscience, 2013, 33, 7877-7889.	1.7	43
50	Derivation of Injury-Responsive Dendritic Cells for Acute Brain Targeting and Therapeutic Protein Delivery in the Stroke-Injured Rat. PLoS ONE, 2013, 8, e61789.	1.1	7
51	Endogenous cannabinoid system regulates intestinal barrier function in vivo through cannabinoid type 1 receptor activation. American Journal of Physiology - Renal Physiology, 2012, 302, G565-G571.	1.6	44
52	Origin and consequences of brain Toll-like receptor 4 pathway stimulation in an experimental model of depression. Journal of Neuroinflammation, 2011, 8, 151.	3.1	134
53	Glucocorticoids Exacerbate Lipopolysaccharide-Induced Signaling in the Frontal Cortex and Hippocampus in a Dose-Dependent Manner. Journal of Neuroscience, 2010, 30, 13690-13698.	1.7	130
54	Colonic bacterial translocation as a possible factor in stress-worsening experimental stroke outcome. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R979-R985.	0.9	63

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55	Synthesis of Lipoxin A₄by 5-Lipoxygenase Mediates PPARÎ³-Dependent, Neuroprotective Effects of Rosiglitazone in Experimental Stroke. Journal of Neuroscience, 2009, 29, 3875-3884.	1.7	115
56	The Stressed CNS: When Glucocorticoids Aggravate Inflammation. Neuron, 2009, 64, 33-39.	3.8	317
57	Stress as a neuroinflammatory condition in brain: Damaging and protective mechanisms. Neuroscience and Biobehavioral Reviews, 2008, 32, 1136-1151.	2.9	239
58	Toll-Like Receptor 4 Is Involved in Subacute Stressâ€“Induced Neuroinflammation and in the Worsening of Experimental Stroke. Stroke, 2008, 39, 1314-1320.	1.0	166
59	The Effects of Physical and Psychological Stress on the Gastrointestinal Tract: Lessons from Animal Models. Current Molecular Medicine, 2008, 8, 299-312.	0.6	113
60	Toll-Like Receptor 4 Is Involved in Brain Damage and Inflammation After Experimental Stroke. Circulation, 2007, 115, 1599-1608.	1.6	534
61	Effects of Peroxisome Proliferator-Activated Receptor Gamma Agonists on Brain Glucose and Glutamate Transporters after Stress in Rats. Neuropsychopharmacology, 2007, 32, 1251-1260.	2.8	85
62	Involvement of IL-1Î² in acute stress-induced worsening of cerebral ischaemia in rats. European Neuropsychopharmacology, 2007, 17, 600-607.	0.3	71
63	The Role of PPARÎ³ on Restoration of Colonic Homeostasis After Experimental Stress-Induced Inflammation and Dysfunction. Gastroenterology, 2007, 132, 1791-1803.	0.6	94
64	Corticosterone as a marker of susceptibility to oxidative/nitrosative cerebral damage after stress exposure in rats. Psychoneuroendocrinology, 2007, 32, 703-711.	1.3	41
65	The role of tumor necrosis factor-alpha in stress-induced worsening of cerebral ischemia in rats. Neuroscience, 2006, 142, 59-69.	1.1	43
66	Stress-Induced Oxidative Changes in Brain. CNS and Neurological Disorders - Drug Targets, 2006, 5, 561-568.	0.8	101
67	Effect of subacute and chronic immobilisation stress on the outcome of permanent focal cerebral ischaemia in rats. Brain Research, 2003, 979, 137-145.	1.1	62