

Juan Carlos Leza

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,711
citations

201674

27
h-index

189892

50
g-index

64
all docs

64
docs citations

64
times ranked

4349
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucocorticoid receptor gene (NR3C1) methylation processes as mediators of early adversity in stress-related disorders causality: A critical review. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 520-535.	6.1	262
2	Stress-Induced Neuroinflammation: Role of the Toll-Like Receptor-4 Pathway. <i>Biological Psychiatry</i> , 2013, 73, 32-43.	1.3	169
3	Pro-/Anti-inflammatory Dysregulation in Patients With First Episode of Psychosis: Toward an Integrative Inflammatory Hypothesis of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 376-387.	4.3	156
4	Inflammation in schizophrenia: A question of balance. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 612-626.	6.1	155
5	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
6	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
7	Lipopolysaccharide enters the rat brain by a lipoprotein-mediated transport mechanism in physiological conditions. <i>Scientific Reports</i> , 2017, 7, 13113.	3.3	99
8	Cognitive impairment is related to oxidative stress and chemokine levels in first psychotic episodes. <i>Schizophrenia Research</i> , 2012, 137, 66-72.	2.0	96
9	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
10	Oleylethanolamide prevents neuroimmune HMGB1/TLR4/NF κ B danger signaling in rat frontal cortex and depressive-like behavior induced by ethanol binge administration. <i>Addiction Biology</i> , 2017, 22, 724-741.	2.6	88
11	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
12	Systemic Administration of Oleylethanolamide Protects from Neuroinflammation and Anhedonia Induced by LPS in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu111-pyu111.	2.1	75
13	Diez años de investigación traslacional colaborativa en enfermedades mentales: el CIBERSAM. <i>Revista De Psiquiatría Y Salud Mental</i> , 2019, 12, 1-8.	1.8	68
14	Evidence of activation of the Toll-like receptor-4 proinflammatory pathway in patients with schizophrenia. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, E46-E55.	2.4	65
15	Decreased glutathione levels predict loss of brain volume in children and adolescents with first-episode psychosis in a two-year longitudinal study. <i>Schizophrenia Research</i> , 2012, 137, 58-65.	2.0	50
16	Severe mental illness and European COVID-19 vaccination strategies. <i>Lancet Psychiatry</i> , 2021, 8, 356-359.	7.4	50
17	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
18	Basal low antioxidant capacity correlates with cognitive deficits in early onset psychosis. A 2-year follow-up study. <i>Schizophrenia Research</i> , 2014, 156, 23-29.	2.0	42

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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	Chronic Mild Stress Alters Kynurenine Pathways Changing the Glutamate Neurotransmission in Frontal Cortex of Rats. <i>Molecular Neurobiology</i> , 2019, 56, 490-501.	4.0	41
21	Toward Omics-Based, Systems Biomedicine, and Path and Drug Discovery Methodologies for Depression-Inflammation Research. <i>Molecular Neurobiology</i> , 2016, 53, 2927-2935.	4.0	40
22	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
23	Comparison of the anti-inflammatory effect of aripiprazole and risperidone in 75 drug-naïve first episode psychosis individuals: A 3-months randomized study. <i>Schizophrenia Research</i> , 2018, 202, 226-233.	2.0	37
24	Bacterial translocation affects intracellular neuroinflammatory pathways in a depression-like model in rats. <i>Neuropharmacology</i> , 2016, 103, 122-133.	4.1	36
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	Gut microbiota, innate immune pathways, and inflammatory control mechanisms in patients with major depressive disorder. <i>Translational Psychiatry</i> , 2021, 11, 645.	4.8	34
27	Risperidone Ameliorates Prefrontal Cortex Neural Atrophy and Oxidative/Nitrosative Stress in Brain and Peripheral Blood of Rats with Neonatal Ventral Hippocampus Lesion. <i>Journal of Neuroscience</i> , 2019, 39, 8584-8599.	3.6	29
28	Group B <i>Streptococcus</i> and <i>E. coli</i> LPS-induced NO-dependent hyporesponsiveness to noradrenaline in isolated intrapulmonary arteries of neonatal piglets. <i>British Journal of Pharmacology</i> , 1995, 115, 261-266.	5.4	28
29	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
30	Differential regulation of the TLR4 signalling pathway in post-mortem prefrontal cortex and cerebellum in chronic schizophrenia: Relationship with SP transcription factors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 481-492.	4.8	27
31	Risperidone administered during adolescence induced metabolic, anatomical and inflammatory/oxidative changes in adult brain: A PET and MRI study in the maternal immune stimulation animal model. <i>European Neuropsychopharmacology</i> , 2019, 29, 880-896.	0.7	27
32	Toll-like receptor 4 agonist and antagonist lipopolysaccharides modify innate immune response in rat brain circumventricular organs. <i>Journal of Neuroinflammation</i> , 2020, 17, 6.	7.2	27
33	Pro-/Antiinflammatory Dysregulation in Early Psychosis: Results from a 1-Year Follow-Up Study. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu037-pyu037.	2.1	26
34	Dysfunction of inflammatory pathways in adolescent female patients with anorexia nervosa. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109727.	4.8	26
35	The Role of the Oral Microbiota Related to Periodontal Diseases in Anxiety, Mood and Trauma- and Stress-Related Disorders. <i>Frontiers in Psychiatry</i> , 2021, 12, 814177.	2.6	26
36	Inflammatory and antioxidant pathway dysfunction in borderline personality disorder. <i>Psychiatry Research</i> , 2020, 284, 112782.	3.3	25

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37	Repeated Restraint Stress Decreases Na,K-ATPase Activity via Oxidative and Nitrosative Damage in the Frontal Cortex of Rats. <i>Neuroscience</i> , 2018, 393, 273-283.	2.3	24
38	Preclinical animal models of mental illnesses to translate findings from the bench to the bedside: Molecular brain mechanisms and peripheral biomarkers associated to early life stress or immune challenges. <i>European Neuropsychopharmacology</i> , 2022, 58, 55-79.	0.7	22
39	Reboxetine Treatment Reduces Neuroinflammation and Neurodegeneration in the 5xFAD Mouse Model of Alzheimer's Disease: Role of CCL2. <i>Molecular Neurobiology</i> , 2019, 56, 8628-8642.	4.0	21
40	Microglial CX3CR1 production increases in Alzheimer's disease and is regulated by noradrenaline. <i>Glia</i> , 2021, 69, 73-90.	4.9	21
41	Dysregulated peripheral endocannabinoid system signaling is associated with cognitive deficits in first-episode psychosis. <i>Journal of Psychiatric Research</i> , 2016, 75, 14-21.	3.1	18
42	The prefrontal cortex as a target for atypical antipsychotics in schizophrenia, lessons of neurodevelopmental animal models. <i>Progress in Neurobiology</i> , 2021, 199, 101967.	5.7	18
43	Viewpoint European COVID-19 exit strategy for people with severe mental disorders: Too little, but not yet too late. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 15-17.	4.1	17
44	Noradrenaline induces CX3CL1 production and release by neurons. <i>Neuropharmacology</i> , 2017, 114, 146-155.	4.1	15
45	Modulation of Monoaminergic Systems by Antidepressants in the Frontal Cortex of Rats After Chronic Mild Stress Exposure. <i>Molecular Neurobiology</i> , 2019, 56, 7522-7533.	4.0	14
46	Birth Weight, Working Memory and Epigenetic Signatures in IGF2 and Related Genes: A MZ Twin Study. <i>PLoS ONE</i> , 2014, 9, e103639.	2.5	14
47	Cardiovascular Risk in Early Psychosis: Relationship with Inflammation and Clinical Features 6 Months after Diagnosis. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 410-422.	2.1	13
48	Omega-3 fatty acids during adolescence prevent schizophrenia-related behavioural deficits: Neurophysiological evidences from the prenatal viral infection with PolyI:C. <i>European Neuropsychopharmacology</i> , 2021, 46, 14-27.	0.7	13
49	Neuroplasticity and inflammatory alterations in the nucleus accumbens are corrected after risperidone treatment in a schizophrenia-related developmental model in rats. <i>Schizophrenia Research</i> , 2021, 235, 17-28.	2.0	13
50	Stress induced by the socially evaluated cold-pressor test cause equivalent deficiencies of sensory gating in male subjects with schizophrenia and healthy controls. <i>Psychiatry Research</i> , 2015, 228, 283-288.	3.3	12
51	Alternative Method to Detect Neuronal Degeneration and Amyloid β^2 Accumulation in Free-Floating Brain Sections With Fluoro-Jade. <i>ASN Neuro</i> , 2018, 10, 175909141878435.	2.7	11
52	Depletion of brain perivascular macrophages regulates acute restraint stress-induced neuroinflammation and oxidative/nitrosative stress in rat frontal cortex. <i>European Neuropsychopharmacology</i> , 2020, 34, 50-64.	0.7	9
53	Effects of the antipsychotic paliperidone on stress-induced changes in the endocannabinoid system in rat prefrontal cortex. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 457-470.	2.6	8
54	Kynurenine pathway in post-mortem prefrontal cortex and cerebellum in schizophrenia: relationship with monoamines and symptomatology. <i>Journal of Neuroinflammation</i> , 2021, 18, 198.	7.2	8

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55	Paliperidone Reversion of Maternal Immune Activation-Induced Changes on Brain Serotonin and Kynurenine Pathways. <i>Frontiers in Pharmacology</i> , 2021, 12, 682602.	3.5	7
56	Expression and Functionality Study of 9 Toll-Like Receptors in 33 Drug-Naïve Non-Affective First Episode Psychosis Individuals: A 3-Month Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6106.	4.1	6
57	COVID-19 una oportunidad Única para explorar la relaci3n entre la infecci3n prenatal materna, el desarrollo cerebral y los trastornos neuropsiquiÁtricos en la descendencia. <i>Revista De PsiquiatrÁa Y Salud Mental</i> , 2021, 14, 1-3.	1.8	6
58	CCL2 Inhibition of Pro-Resolving Mediators Potentiates Neuroinflammation in Astrocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3307.	4.1	6
59	The role of BDNF and NGF plasma levels in first-episode schizophrenia: A longitudinal study. <i>European Neuropsychopharmacology</i> , 2022, 57, 105-117.	0.7	4
60	Sphk2 deletion is involved in structural abnormalities and Th17 response but does not aggravate colon inflammation induced by sub-chronic stress. <i>Scientific Reports</i> , 2022, 12, 4073.	3.3	2
61	Acute effects of a session of electroconvulsive therapy on brain-derived neurotrophic factor plasma levels. <i>Revista De PsiquiatrÁa Y Salud Mental</i> , 2020, , .	1.8	1
62	Dysfunction of Inflammatory Pathways and Their Relationship With Psychological Factors in Adult Female Patients With Eating Disorders. <i>Frontiers in Pharmacology</i> , 2022, 13, 846172.	3.5	1