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List of Publications by Year
in descending order

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65 papers	3,289 citations	136950 32 h-index	149698 56 g-index
65 all docs	65 docs citations	65 times ranked	4897 citing authors

#	Article	IF	Citations
1	The Increase in TNF-Î± Levels Is Implicated in NF-ÎºB Activation and Inducible Nitric Oxide Synthase Expression in Brain Cortex after Immobilization Stress. Neuropsychopharmacology, 2002, 26, 155-163.	5.4	204
2	Stress-Induced Neuroinflammation: Role of the Toll-Like Receptor-4 Pathway. Biological Psychiatry, 2013, 73, 32-43.	1.3	169
3	Inducible nitric oxide synthase expression in brain cortex after acute restraint stress is regulated by nuclear factor ÎºBâ€mediated mechanisms. Journal of Neurochemistry, 2001, 76, 532-538.	3.9	168
4	CCL2/MCP-1 modulation of microglial activation and proliferation. Journal of Neuroinflammation, 2011, 8, 77.	7.2	146
5	Origin and consequences of brain Toll-like receptor 4 pathway stimulation in an experimental model of depression. Journal of Neuroinflammation, 2011, 8, 151.	7.2	134
6	Induction of Cyclooxygenase-2 Accounts for Restraint Stress-Induced Oxidative Status in Rat Brain. Neuropsychopharmacology, 2003, 28, 1579-1588.	5.4	127
7	Innate immune receptor Toll-like receptor 4 signalling in neuropsychiatric diseases. Neuroscience and Biobehavioral Reviews, 2016, 64, 134-147.	6.1	126
8	Astrocyte-Derived MCP-1 Mediates Neuroprotective Effects of Noradrenaline. Journal of Neuroscience, 2009, 29, 263-267.	3.6	118
9	Toll-like 4 receptor inhibitor TAK-242 decreases neuroinflammation in rat brain frontal cortex after stress. Journal of Neuroinflammation, 2014, 11, 8.	7.2	102
10	Peroxisome proliferator-activated receptor gamma activation decreases neuroinflammation in brain after stress in rats. Biological Psychiatry, 2005, 57, 885-894.	1.3	101
11	Stress-Induced Oxidative Changes in Brain. CNS and Neurological Disorders - Drug Targets, 2006, 5, 561-568.	1.4	101
12	Lipopolysaccharide enters the rat brain by a lipoprotein-mediated transport mechanism in physiological conditions. Scientific Reports, 2017, 7, 13113.	3.3	99
13	Regulatory Role of Cannabinoid Receptor 1 in Stress-Induced Excitotoxicity and Neuroinflammation. Neuropsychopharmacology, 2011, 36, 805-818.	5.4	97
14	Stress Mediators Regulate Brain Prostaglandin Synthesis and Peroxisome Proliferator-Activated Receptor-Î³ Activation after Stress in Rats. Endocrinology, 2008, 149, 1969-1978.	2.8	92
15	Mangiferin decreases inflammation and oxidative damage in rat brain after stress. European Journal of Nutrition, 2012, 51, 729-739.	3.9	88
16	Risperidone normalizes increased inflammatory parameters and restores anti-inflammatory pathways in a model of neuroinflammation. International Journal of Neuropsychopharmacology, 2013, 16, 121-135.	2.1	87
17	Neuroprotective actions of noradrenaline: effects on glutathione synthesis and activation of peroxisome proliferator activated receptor delta. Journal of Neurochemistry, 2007, 103, 2092-2101.	3.9	74
18	Norepinephrine protects cortical neurons against microglial-induced cell death. Journal of Neuroscience Research, 2005, 81, 390-396.	2.9	65

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19	The anti-inflammatory prostaglandin 15d-PGJ2 and its nuclear receptor PPARgamma are decreased in schizophrenia. Schizophrenia Research, 2011, 128, 15-22.	2.0	64
20	Relationship between cyclooxygenase-2 and nitric oxide synthase-2 in rat cortex after stress. European Journal of Neuroscience, 2003, 18, 1701-1705.	2.6	63
21	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
22	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.	3.4	44
23	Anti-inflammatory effects ofMangifera indicaL. extract in a model of colitis. World Journal of Gastroenterology, 2010, 16, 4922.	3.3	43
24	Noradrenergic Regulation of Glial Activation: Molecular Mechanisms and Therapeutic Implications. Current Neuropharmacology, 2014, 12, 342-352.	2.9	43
25	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.	4.1	42
26	Chronic Mild Stress Alters Kynurenine Pathways Changing the Glutamate Neurotransmission in Frontal Cortex of Rats. Molecular Neurobiology, 2019, 56, 490-501.	4.0	41
27	The Atypical Antipsychotic Paliperidone Regulates Endogenous Antioxidant/Anti-Inflammatory Pathways in Rat Models of Acute and Chronic Restraint Stress. Neurotherapeutics, 2016, 13, 833-843.	4.4	38
28	Bacterial translocation affects intracellular neuroinflammatory pathways in a depression-like model in rats. Neuropharmacology, 2016, 103, 122-133.	4.1	36
29	Modulation of the antioxidant nuclear factor (erythroid 2-derived)-like 2 pathway by antidepressants in rats. Neuropharmacology, 2016, 103, 79-91.	4.1	35
30	Effects of Noradrenaline on Neuronal NOS2 Expression and Viability. Antioxidants and Redox Signaling, 2006, 8, 885-892.	5.4	34
31	Chronic immobilisation stress ameliorates clinical score and neuroinflammation in a MOG-induced EAE in Dark Agouti rats: mechanisms implicated. Journal of Neuroinflammation, 2010, 7, 60.	7.2	34
32	Transcriptome analysis of alcohol-treated microglia reveals downregulation of beta amyloid phagocytosis. Journal of Neuroinflammation, 2018, 15, 141.	7.2	34
33	Aspirin inhibits stress-induced increase in plasma glutamate, brain oxidative damage and ATP fall in rats. NeuroReport, 2002, 13, 217-221.	1.2	33
34	Stress-induced increase in extracellular sucrose space in rats is mediated by nitric oxide. Brain Research, 2002, 938, 87-91.	2.2	33
35	The anti-inflammatory prostaglandin 15d-PGJ2 decreases oxidative/nitrosative mediators in brain after acute stress in rats. Psychopharmacology, 2005, 180, 513-522.	3.1	33
36	Beta-Amyloid-Dependent Expression of NOS2in Neurons: Prevention by an Î±2-Adrenergic Antagonist. Antioxidants and Redox Signaling, 2006, 8, 873-833.	5.4	31

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37	Regulation of MCPâ€1 production in brain by stress and noradrenalineâ€modulating drugs. Journal of Neurochemistry, 2010, 113, 543-551.	3.9	31
38	Activity of Inducible and Neuronal Nitric Oxide Synthases in Colonic Mucosa Predicts Progression of Ulcerative Colitis. American Journal of Gastroenterology, 2004, 99, 1756-1764.	0.4	30
39	TNF-alpha accounts for short-term persistence of oxidative status in rat brain after two weeks of repeated stress. European Journal of Neuroscience, 2004, 20, 1125-1130.	2.6	28
40	Dual effects of noradrenaline on astroglial production of chemokines and pro-inflammatory mediators. Journal of Neuroinflammation, 2013, 10, 81.	7.2	28
41	Discrimination between Alzheimerâ€™s Disease and Late Onset Bipolar Disorder Using Multivariate Analysis. Frontiers in Aging Neuroscience, 2015, 7, 231.	3.4	28
42	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
43	Stress Increases Susceptibility to Oxidative/Nitrosative Mucosal Damage in an Experimental Model of Colitis in Rats. Digestive Diseases and Sciences, 2004, 49, 1713-1721.	2.3	23
44	Corticosterone basal levels and vulnerability to LPS-induced neuroinflammation in the rat brain. Brain Research, 2010, 1315, 159-168.	2.2	21
45	The Chemokine (C-C Motif) Ligand 2 in Neuroinflammation and Neurodegeneration. Advances in Experimental Medicine and Biology, 2014, 824, 209-219.	1.6	21
46	Reboxetine Treatment Reduces Neuroinflammation and Neurodegeneration in the 5xFAD Mouse Model of Alzheimerâ€™s Disease: Role of CCL2. Molecular Neurobiology, 2019, 56, 8628-8642.	4.0	21
47	Microglial <scp>CX3CR1</scp> production increases in Alzheimer's disease and is regulated by noradrenaline. Glia, 2021, 69, 73-90.	4.9	21
48	Regulation of CCL2/MCP-1 production in astrocytes by desipramine and atomoxetine: Involvement of Î±2 adrenergic receptors. Brain Research Bulletin, 2011, 86, 326-333.	3.0	20
49	Expression and Function of Tumour Necrosis Factor-Î±-Converting Enzyme in the Central Nervous System. NeuroSignals, 2003, 12, 53-58.	0.9	18
50	JNK/ERK/FAK Mediate Promigratory Actions of Basic Fibroblast Growth Factor in Astrocytes via CCL2 and COX2. NeuroSignals, 2012, 20, 86-102.	0.9	17
51	Noradrenaline induces CX3CL1 production and release by neurons. Neuropharmacology, 2017, 114, 146-155.	4.1	15
52	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
53	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
54	Alternative Method to Detect Neuronal Degeneration and Amyloid Î² Accumulation in Free-Floating Brain Sections With Fluoro-Jade. ASN Neuro, 2018, 10, 175909141878435.	2.7	11

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55	Noradrenaline in Alzheimerâ€™s Disease: A New Potential Therapeutic Target. International Journal of Molecular Sciences, 2022, 23, 6143.	4.1	11
56	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
57	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
58	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
59	CCL2 Induces the Production of Î²2 Adrenergic Receptors and Modifies Astrocytic Responses to Noradrenaline. Molecular Neurobiology, 2018, 55, 7872-7885.	4.0	6
60	CCL2 Inhibition of Pro-Resolving Mediators Potentiates Neuroinflammation in Astrocytes. International Journal of Molecular Sciences, 2022, 23, 3307.	4.1	6
61	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
62	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
63	Cognitive functioning in essential tremor without dementia: a clinical and imaging study. Neurological Sciences, 2022, , 1.	1.9	3
64	Noradrenaline, Astroglia, and Neuroinflammation. , 2017, , 273-287.		1
65	Oxidative/Nitrosative Brain Damage in Stress: Possible Target for Neuropsychopharmacological Drugs. Current Medicinal Chemistry - Central Nervous System Agents, 2004, 4, 235-242.	0.5	1