Ignacio Lizasoain

List of Publications by Year
in descending order

183	13,484	20797 60	24961 109
papers	citations	h-index	g-index

187	187	187	14629
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Induction of calcium-dependent nitric oxide synthases by sex hormones.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 5212-5216.	3.3	1,093
2	Toll-Like Receptor 4 Is Involved in Brain Damage and Inflammation After Experimental Stroke. Circulation, 2007, 115, 1599-1608.	1.6	534
3	Neutrophils scan for activated platelets to initiate inflammation. Science, 2014, 346, 1234-1238.	6.0	516
4	cGMP mediates the vascular and platelet actions of nitric oxide: confirmation using an inhibitor of the soluble guanylyl cyclase.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 1480-1485.	3.3	434
5	Plasma Metalloproteinase-9 Concentration Predicts Hemorrhagic Transformation in Acute Ischemic Stroke. Stroke, 2003, 34, 40-46.	1.0	339
6	Nitric oxide and peroxynitrite exert distinct effects on mitochondrial respiration which are differentially blocked by glutathione or glucose. Biochemical Journal, 1996, 314, 877-880.	1.7	322
7	Glutathione Depletion, Lipid Peroxidation and Mitochondrial Dysfunction Are Induced by Chronic Stress in Rat Brain. Neuropsychopharmacology, 2001, 24, 420-429.	2.8	317
8	Statin treatment withdrawal in ischemic stroke. Neurology, 2007, 69, 904-910.	1.5	305
9	N2 Neutrophils, Novel Players in Brain Inflammation After Stroke. Stroke, 2013, 44, 3498-3508.	1.0	284
10	Role of nitric oxide after brain ischaemia. Cell Calcium, 2004, 36, 265-275.	1.1	226
11	Silent Information Regulator 1 Protects the Brain Against Cerebral Ischemic Damage. Stroke, 2013, 44, 2333-2337.	1.0	210
12	Mitochondrial respiratory chain and free radical generation in stroke. Free Radical Biology and Medicine, 2005, 39, 1291-1304.	1.3	207
13	The Increase of Circulating Endothelial Progenitor Cells After Acute Ischemic Stroke Is Associated With Good Outcome. Stroke, 2007, 38, 2759-2764.	1.0	206
14	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.	2.8	204
15	Chronic Stress Induces the Expression of Inducible Nitric Oxide Synthase in Rat Brain Cortex. Journal of Neurochemistry, 2001, 74, 785-791.	2.1	199
16	The formation of nitric oxide donors from peroxynitrite. British Journal of Pharmacology, 1995, 116, 1999-2004.	2.7	181
17	Programmed â€˜disarmingâ€™ of the neutrophil proteome reduces the magnitude of inflammation. Nature Immunology, 2020, 21, 135-144.	7.0	180
18	Cannabinoid Type 2 Receptor Activation Downregulates Stroke-Induced Classic and Alternative Brain Macrophage/Microglial Activation Concomitant to Neuroprotection. Stroke, 2012, 43, 211-219.	1.0	179

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19	Inducible nitric oxide synthase expression in brain cortex after acute restraint stress is regulated by nuclear factor ÎºB-mediated mechanisms. Journal of Neurochemistry, 2001, 76, 532-538.	2.1	168
20	Rational modulation of the innate immune system for neuroprotection in ischemic stroke. Frontiers in Neuroscience, 2015, 9, 147.	1.4	168
21	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
22	Ischemic Preconditioning Reveals that GLT1/EAAT2 Glutamate Transporter is a Novel PPARÎ³ Target Gene Involved in Neuroprotection. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1327-1338.	2.4	135
23	The Prediction of Malignant Cerebral Infarction by Molecular Brain Barrier Disruption Markers. Stroke, 2005, 36, 1921-1926.	1.0	132
24	Induction of Cyclooxygenase-2 Accounts for Restraint Stress-Induced Oxidative Status in Rat Brain. Neuropsychopharmacology, 2003, 28, 1579-1588.	2.8	127
25	Neuroprotection afforded by prior citicoline administration in experimental brain ischemia: effects on glutamate transport. Neurobiology of Disease, 2005, 18, 336-345.	2.1	124
26	In Vitro Ischemic Tolerance Involves Upregulation of Glutamate Transport Partly Mediated by the TACE/ADAM17-Tumor Necrosis Factor-Â Pathway. Journal of Neuroscience, 2004, 24, 1350-1357.	1.7	123
27	Neuronal and inducible nitric oxide synthase and nitrotyrosine immunoreactivities in the cerebral cortex of the aging rat. , 1998, 43, 75-88.		115
28	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
29	Tollâ€like receptor 4 is involved in neuroprotection afforded by ischemic preconditioning. Journal of Neurochemistry, 2009, 109, 287-294.	2.1	115
30	Validation of housekeeping genes for quantitative real-time PCR in in-vivo and in-vitro models of cerebral ischaemia. BMC Molecular Biology, 2009, 10, 57.	3.0	114
31	Neuronal expression of inducible nitric oxide synthase after oxygen and glucose deprivation in rat forebrain slices. European Journal of Neuroscience, 1998, 10, 445-456.	1.2	111
32	Rosiglitazone and 15-deoxy-Î”12,14-prostaglandin J2Cause Potent Neuroprotection after Experimental Stroke through Noncompletely Overlapping Mechanisms. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 218-229.	2.4	107
33	Role of TLR4 (Toll-Like Receptor 4) in N1/N2 Neutrophil Programming After Stroke. Stroke, 2019, 50, 2922-2932.	1.0	106
34	Peroxisome proliferator-activated receptor gamma activation decreases neuroinflammation in brain after stress in rats. Biological Psychiatry, 2005, 57, 885-894.	0.7	101
35	L-Kynurenine/Aryl Hydrocarbon Receptor Pathway Mediates Brain Damage After Experimental Stroke. Circulation, 2014, 130, 2040-2051.	1.6	100
36	Implication of Glutamate in the Expression of Inducible Nitric Oxide Synthase After Oxygen and Glucose Deprivation in Rat Forebrain Slices. Journal of Neurochemistry, 2008, 74, 2041-2048.	2.1	99

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37	Characterization of the Neuroprotective Effect of the Cannabinoid Agonist WIN-55212 in an In Vitro Model of Hypoxic-Ischemic Brain Damage in Newborn Rats. Pediatric Research, 2006, 60, 169-173.	1.1	97
38	A polymorphism in the EAAT2 promoter is associated with higher glutamate concentrations and higher frequency of progressing stroke. Journal of Experimental Medicine, 2006, 203, 711-717.	4.2	94
39	The Role of PPARÎ³ on Restoration of Colonic Homeostasis After Experimental Stress-Induced Inflammation and Dysfunction. Gastroenterology, 2007, 132, 1791-1803.	0.6	94
40	Mitochondria and reactive oxygen and nitrogen species in neurological disorders and stroke: Therapeutic implicationsâ˜†. Advanced Drug Delivery Reviews, 2009, 61, 1299-1315.	6.6	93
41	Activation of Liver X Receptors Promotes Neuroprotection and Reduces Brain Inflammation in Experimental Stroke. Circulation, 2008, 118, 1450-1459.	1.6	91
42	Inhibition of iNOS activity by 1400W decreases glutamate release and ameliorates stroke outcome after experimental ischemia. Neurobiology of Disease, 2005, 18, 375-384.	2.1	87
43	Inhibition of Glutamate Release via Recovery of ATP Levels Accounts for a Neuroprotective Effect of Aspirin in Rat Cortical Neurons Exposed to Oxygen-Glucose Deprivation. Stroke, 2002, 33, 261-267.	1.0	86
44	The release of tumor necrosis factor-Î± is associated with ischemic tolerance in human stroke. Annals of Neurology, 2003, 54, 811-819.	2.8	86
45	Pharmacological Modulation of Neutrophil Extracellular Traps Reverses Thrombotic Stroke tPA (Tissue-Type Plasminogen Activator) Resistance. Stroke, 2019, 50, 3228-3237.	1.0	84
46	Abolition of aberrant neurogenesis ameliorates cognitive impairment after stroke in mice. Journal of Clinical Investigation, 2019, 129, 1536-1550.	3.9	84
47	TNFR1 Upregulation Mediates Tolerance after Brain Ischemic Preconditioning. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 193-203.	2.4	83
48	Myeloid cells as therapeutic targets in neuroinflammation after stroke: Specific roles of neutrophils and neutrophilâ€“platelet interactions. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 2150-2164.	2.4	83
49	Neuroprotective effect of aspirin by inhibition of glutamate release after permanent focal cerebral ischaemia in rats. Journal of Neurochemistry, 2008, 79, 456-459.	2.1	78
50	A chronic treatment with CDP-choline improves functional recovery and increases neuronal plasticity after experimental stroke. Neurobiology of Disease, 2007, 26, 105-111.	2.1	76
51	A Mouse Model of Hemorrhagic Transformation by Delayed Tissue Plasminogen Activator Administration After In Situ Thromboembolic Stroke. Stroke, 2011, 42, 196-203.	1.0	74
52	Dual role of nitric oxide in adult neurogenesis. Brain Research Reviews, 2005, 50, 1-6.	9.1	71
53	Involvement of IL-1Î² in acute stress-induced worsening of cerebral ischaemia in rats. European Neuropsychopharmacology, 2007, 17, 600-607.	0.3	71
54	The Cannabinoid Agonist Win55212 Reduces Brain Damage in an In Vivo Model of Hypoxic-Ischemic Encephalopathy in Newborn Rats. Pediatric Research, 2007, 62, 255-260.	1.1	69

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55	The Ontogeny of Cerebral and Cerebellar Nitric Oxide Synthase in the Guinea Pig and Rat. Pediatric Research, 1996, 39, 779-783.	1.1	69
56	Up-regulation of neuronal NO synthase immunoreactivity in opiate dependence and withdrawal. Psychopharmacology, 2000, 148, 66-73.	1.5	66
57	Increased Plasma Levels of 15-Deoxy Î" Prostaglandin J 2 Are Associated With Good Outcome in Acute Atherothrombotic Ischemic Stroke. Stroke, 2005, 36, 1189-1194.	1.0	66
58	Rosiglitazone-induced CD36 up-regulation resolves inflammation by PPARÎ³ and 5-LO-dependent pathways. Journal of Leukocyte Biology, 2013, 95, 587-598.	1.5	66
59	IMPLICATION OF TNF-Î± CONVERTASE (TACE/ADAM17) IN INDUCIBLE NITRIC OXIDE SYNTHASE EXPRESSION AND INFLAMMATION IN AN EXPERIMENTAL MODEL OF COLITIS. Cytokine, 2001, 16, 220-226.	1.4	65
60	The Nonthiazolidinedione PPARÎ³ Agonist L-796,449 Is Neuroprotective in Experimental Stroke. Journal of Neuropathology and Experimental Neurology, 2005, 64, 797-805.	0.9	64
61	Reparative effects of interleukin-1 receptor antagonist in young and aged/co-morbid rodents after cerebral ischemia. Brain, Behavior, and Immunity, 2017, 61, 117-126.	2.0	64
62	Relationship between cyclooxygenase-2 and nitric oxide synthase-2 in rat cortex after stress. European Journal of Neuroscience, 2003, 18, 1701-1705.	1.2	63
63	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
64	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
65	Up-regulation of TNF-Î± convertase (TACE/ADAM17) after oxygenâ€"glucose deprivation in rat forebrain slices. Neuropharmacology, 2001, 40, 1094-1102.	2.0	60
66	Mechanisms of the neuroprotective effect of aspirin after oxygen and glucose deprivation in rat forebrain slices. Neuropharmacology, 2000, 39, 1309-1318.	2.0	59
67	Aging increases microglial proliferation, delays cell migration, and decreases cortical neurogenesis after focal cerebral ischemia. Journal of Neuroinflammation, 2015, 12, 87.	3.1	59
68	TACE/ADAM17â€"TNF-Î± Pathway in Rat Cortical Cultures after Exposure to Oxygenâ€"Glucose Deprivation or Glutamate. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 576-585.	2.4	58
69	Tollâ€like receptor 4 modulates cell migration and cortical neurogenesis after focal cerebral ischemia. FASEB Journal, 2014, 28, 4710-4718.	0.2	58
70	Cannabinoid Type-2 Receptor Drives Neurogenesis and Improves Functional Outcome After Stroke. Stroke, 2017, 48, 204-212.	1.0	58
71	Upregulation of TACE/ADAM17 after Ischemic Preconditioning is Involved in Brain Tolerance. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 1297-1302.	2.4	56
72	Hyperthermia is a surrogate marker of inflammation-mediated cause of brain damage in acute ischaemic stroke. Journal of Internal Medicine, 2006, 260, 343-349.	2.7	56

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73	Micro- and macroalbuminuria predict hemorrhagic transformation in acute ischemic stroke. Neurology, 2006, 67, 1172-1177.	1.5	54
74	Regulator of calcineurin 1 (Rcan1) has a protective role in brain ischemia/reperfusion injury. Journal of Neuroinflammation, 2012, 9, 48.	3.1	53
75	Inhibition of glutamate release by delaying ATP fall accounts for neuroprotective effects of antioxidants in experimental stroke. FASEB Journal, 2003, 17, 1-17.	0.2	52
76	New-onset hypertension and inflammatory response/poor outcome in acute ischemic stroke. Neurology, 2006, 67, 1973-1978.	1.5	52
77	Iron-loaded transferrin (Tf) is detrimental whereas iron-free Tf confers protection against brain ischemia by modifying blood Tf saturation and subsequent neuronal damage. Redox Biology, 2018, 15, 143-158.	3.9	51
78	mi<scp>RNA</scp> expression is modulated over time after focal ischaemia: upâ€regulation of miRâ€“347 promotes neuronal apoptosis. FEBS Journal, 2013, 280, 6233-6246.	2.2	50
79	Neuroprotection and Recovery: Recent Data at the Bench on Citicoline. Stroke, 2011, 42, S33-S35.	1.0	49
80	Amelioration of ischemic brain damage by peritoneal dialysis. Journal of Clinical Investigation, 2013, 123, 4359-4363.	3.9	48
81	Buprenorphine: Bell-shaped dose-response curve for its antagonist effects. General Pharmacology, 1991, 22, 297-300.	0.7	47
82	Longitudinal studies of ischemic penumbra by using 18 F-FDG PET and MRI techniques in permanent and transient focal cerebral ischemia in rats. NeuroImage, 2011, 57, 45-54.	2.1	47
83	Reduced infarct size and accumulation of microglia in rats treated with WIN 55,212-2 after neonatal stroke. Neuroscience, 2012, 207, 307-315.	1.1	47
84	TLR4-Binding DNA Aptamers Show a Protective Effect against Acute Stroke in Animal Models. Molecular Therapy, 2018, 26, 2047-2059.	3.7	47
85	Citicoline (<scp>CDP</scp>â€choline) increases <scp>S</scp>irtuin1 expression concomitant to neuroprotection in experimental stroke. Journal of Neurochemistry, 2013, 126, 819-826.	2.1	46
86	Inhibition by Lamotrigine of the Generation of Nitric Oxide in Rat Forebrain Slices. Journal of Neurochemistry, 1995, 64, 636-642.	2.1	44
87	The role of tumor necrosis factor-alpha in stress-induced worsening of cerebral ischemia in rats. Neuroscience, 2006, 142, 59-69.	1.1	43
88	Targets of Cytoprotection in Acute Ischemic Stroke: Present and Future. Cerebrovascular Diseases, 2006, 21, 1-8.	0.8	42
89	The Seek of Neuroprotection: Introducing Cannabinoids. Recent Patents on CNS Drug Discovery, 2007, 2, 131-9.	0.9	42
90	The Cannabinoid WIN55212-2 Promotes Neural Repair After Neonatal Hypoxiaâ€“Ischemia. Stroke, 2010, 41, 2956-2964.	1.0	42

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91	Down-Regulation of Neuronal Nitric Oxide Synthase by Nitric Oxide After Oxygen-Glucose Deprivation in Rat Forebrain Slices. Journal of Neurochemistry, 1999, 72, 248-254.	2.1	41
92	Iron overload, measured as serum ferritin, increases brain damage induced by focal ischemia and early reperfusion. Neurochemistry International, 2012, 61, 1364-1369.	1.9	41
93	Neuronal death induced by SIN-1 in the presence of superoxide dismutase: protection by cyclic GMP. Neuropharmacology, 1998, 37, 1071-1079.	2.0	40
94	N-(3-(Aminomethyl)benzyl)acetamidine, an inducible nitric oxide synthase inhibitor, decreases colonic inflammation induced by trinitrobenzene sulphonic acid in rats. Life Sciences, 2001, 69, 479-491.	2.0	40
95	Delayed post-ischemic administration of CDP-choline increases EAAT2 association to lipid rafts and affords neuroprotection in experimental stroke. Neurobiology of Disease, 2008, 29, 123-131.	2.1	40
96	The Kynurenine Pathway in the Acute and Chronic Phases of Cerebral Ischemia. Current Pharmaceutical Design, 2016, 22, 1060-1073.	0.9	40
97	Correlation between brain nitric oxide synthase activity and opiate withdrawal. Naunyn-Schmiedeberg's Archives of Pharmacology, 1996, 353, 349-354.	1.4	39
98	Neurorepair versus Neuroprotection in Stroke. Cerebrovascular Diseases, 2006, 21, 54-63.	0.8	38
99	Circadian Biology and Stroke. Stroke, 2021, 52, 2180-2190.	1.0	38
100	Nitric oxide synthase activity in human squamous cell carcinoma of the head and neck. Laryngoscope, 1999, 109, 148-152.	1.1	37
101	L-Arginine Levels in Blood as a Marker of Nitric Oxideâ€“Mediated Brain Damage in Acute Stroke: A Clinical and Experimental Study. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 978-984.	2.4	37
102	Ischemic Preconditioning: A Novel Target for Neuroprotective Therapy. Cerebrovascular Diseases, 2006, 21, 38-47.	0.8	37
103	Neuroprotective effects of aspirin in patients with acute cerebral infarction. Neuroscience Letters, 2003, 339, 248-250.	1.0	36
104	Immature rat brain slices exposed to oxygenâ€“glucose deprivation as an in vitro model of neonatal hypoxicâ€“ischemic encephalopathy. Journal of Neuroscience Methods, 2005, 145, 205-212.	1.3	36
105	Efficacy of Alteplase in a Mouse Model of Acute Ischemic Stroke. Stroke, 2016, 47, 1312-1318.	1.0	36
106	Lack of the aryl hydrocarbon receptor accelerates aging in mice. FASEB Journal, 2019, 33, 12644-12654.	0.2	36
107	Implication of the tollâ€like receptor 4 pathway in the response to interferonâ€Î² in multiple sclerosis. Annals of Neurology, 2011, 70, 634-645.	2.8	35
108	Specific Features of SVZ Neurogenesis After Cortical Ischemia: a Longitudinal Study. Scientific Reports, 2017, 7, 16343.	1.6	35

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109	Protective effect of N-(3-(aminomethyl)benzyl)acetamidine, an inducible nitric oxide synthase inhibitor, in brain slices exposed to oxygenâ€“glucose deprivation. European Journal of Pharmacology, 1998, 354, 161-165.	1.7	34
110	Neuroprotective effects of DETA-NONOate, a nitric oxide donor, on hydrogen peroxide-induced neurotoxicity in cortical neurones. Neuropharmacology, 1999, 38, 1307-1315.	2.0	34
111	TNFR1 mediates increased neuronal membrane EAAT3 expression after in vivo cerebral ischemic preconditioning. Neuroscience, 2006, 138, 1171-1178.	1.1	34
112	Daidzein has neuroprotective effects through ligand-binding-independent PPARÎ³ activation. Neurochemistry International, 2012, 61, 119-127.	1.9	34
113	Aspirin inhibits stress-induced increase in plasma glutamate, brain oxidative damage and ATP fall in rats. NeuroReport, 2002, 13, 217-221.	0.6	33
114	Stress-induced increase in extracellular sucrose space in rats is mediated by nitric oxide. Brain Research, 2002, 938, 87-91.	1.1	33
115	The anti-inflammatory prostaglandin 15d-PGJ2 decreases oxidative/nitrosative mediators in brain after acute stress in rats. Psychopharmacology, 2005, 180, 513-522.	1.5	33
116	Toll-Like Receptor 4 Mediates Hemorrhagic Transformation After Delayed Tissue Plasminogen Activator Administration in In Situ Thromboembolic Stroke. Stroke, 2017, 48, 1695-1699.	1.0	33
117	Activity of Inducible and Neuronal Nitric Oxide Synthases in Colonic Mucosa Predicts Progression of Ulcerative Colitis. American Journal of Gastroenterology, 2004, 99, 1756-1764.	0.2	30
118	Postnatal changes in the nitric oxide system of the rat cerebral cortex after hypoxia during delivery. Developmental Brain Research, 2003, 142, 177-192.	2.1	29
119	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.	1.2	28
120	Modulation of GSK-3 provides cellular and functional neuroprotection in the rd10 mouse model of retinitis pigmentosa. Molecular Neurodegeneration, 2018, 13, 19.	4.4	28
121	Post-stroke Neurogenesis: Friend or Foe?. Frontiers in Cell and Developmental Biology, 2021, 9, 657846.	1.8	28
122	Morphine-induced changes in cerebral and cerebellar nitric oxide synthase activity. European Journal of Pharmacology, 1995, 285, 95-98.	1.7	26
123	Characterization of Gcf2/Lrrfip1 in experimental cerebral ischemia and its role as a modulator of Akt, mTOR and Î²-catenin signaling pathways. Neuroscience, 2014, 268, 48-65.	1.1	25
124	Upregulation of TACE/ADAM17 After Ischemic Preconditioning Is Involved in Brain Tolerance. Journal of Cerebral Blood Flow and Metabolism, 2002, , 1297-1302.	2.4	25
125	AhR Deletion Promotes Aberrant Morphogenesis and Synaptic Activity of Adult-Generated Granule Neurons and Impairs Hippocampus-Dependent Memory. ENeuro, 2018, 5, ENEURO.0370-17.2018.	0.9	25
126	First-in-human phase I clinical trial of a TLR4-binding DNA aptamer, ApTOLL: Safety and pharmacokinetics in healthy volunteers. Molecular Therapy - Nucleic Acids, 2022, 28, 124-135.	2.3	25

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127	High Blood Pressure and Inflammation Are Associated with Poor Prognosis in Lacunar Infarctions. Cerebrovascular Diseases, 2006, 22, 123-129.	0.8	24
128	Toll-like receptor 4 regulates subventricular zone proliferation and neuroblast migration after experimental stroke. Brain, Behavior, and Immunity, 2019, 80, 573-582.	2.0	24
129	Stress Increases Susceptibility to Oxidative/Nitrosative Mucosal Damage in an Experimental Model of Colitis in Rats. Digestive Diseases and Sciences, 2004, 49, 1713-1721.	1.1	23
130	Imaging the role of toll-like receptor 4 on cell proliferation and inflammation after cerebral ischemia by positron emission tomography. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 702-708.	2.4	23
131	Iron Overload Exacerbates the Risk of Hemorrhagic Transformation After tPA (Tissue-Type) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.0	23
132	Lack of adrenomedullin, but not complement factor H, results in larger infarct size and more extensive brain damage in a focal ischemia model. Neuroscience, 2010, 171, 885-892.	1.1	21
133	Cannabinoids: Well-Suited Candidates for the Treatment of Perinatal Brain Injury. Brain Sciences, 2013, 3, 1043-1059.	1.1	20
134	Use of brain slices in the study of pathogenic role of inducible nitric oxide synthase in cerebral ischemia-reperfusion. General Pharmacology, 1999, 32, 577-581.	0.7	19
135	Fructose-1,6-bisphosphate inhibits the expression of inducible nitric oxide synthase caused by oxygen-glucose deprivation through the inhibition of glutamate release in rat forebrain slices. Naunyn-Schmiedeberg's Archives of Pharmacology, 2000, 362, 208-212.	1.4	19
136	Seladin-1/DHCR24 Is Neuroprotective by Associating EAAT2 Glutamate Transporter to Lipid Rafts in Experimental Stroke. Stroke, 2016, 47, 206-213.	1.0	19
137	Calcium channel blockers: effect on morphine-induced hypermotility. Psychopharmacology, 1990, 101, 267-270.	1.5	18
138	Inhibition of morphine withdrawal by lamotrigine: involvement of nitric oxide. European Journal of Pharmacology, 1996, 299, 41-45.	1.7	18
139	Expression and Function of Tumour Necrosis Factor-Î±-Converting Enzyme in the Central Nervous System. NeuroSignals, 2003, 12, 53-58.	0.5	18
140	TNFâ€“Î± converting enzyme (TACE) protein expression in different clinical subtypes of multiple sclerosis. Journal of Neurology, 2006, 253, 701-706.	1.8	17
141	Complexity of the cellâ€“cell interactions in the innate immune response after cerebral ischemia. Brain Research, 2015, 1623, 53-62.	1.1	17
142	New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. Frontiers in Aging Neuroscience, 2021, 13, 623751.	1.7	17
143	Pathophysiological and pharmacological relevance of TLR4 in peripheral immune cells after stroke. , 2021, 228, 107933.		16
144	Effects of antihistaminics on locomotor activity in mice. Comparison with opiate and amphetamine-induced hyperactivity. General Pharmacology, 1991, 22, 293-296.	0.7	15

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145	Neutrophil Extracellular Trap Targeting Protects Against Ischemic Damage After Fibrin-Rich Thrombotic Stroke Despite Non-Reperfusion. Frontiers in Immunology, 2022, 13, 790002.	2.2	15
146	Cerebrospinal fluid and plasma concentrations of nitric oxide metabolites are increased in dementia with Lewy bodies. Neuroscience Letters, 2002, 333, 151-153.	1.0	13
147	Role of sodium cromoglycate on analgesia, locomotor activity and opiate withdrawal in mice. Psychopharmacology, 1992, 107, 595-600.	1.5	12
148	Peroxvnitrite Causes Aspartate Release from Dissociated Rat Cerebeliar Granule Neurones. Free Radical Research, 1998, 28, 193-204.	1.5	12
149	The high-mobility group I-Y transcription factor is involved in cerebral ischemia and modulates the expression of angiogenic proteins. Neuroscience, 2014, 269, 112-130.	1.1	12
150	Oct-2 Transcription Factor Binding Activity and Expression Up-Regulation in Rat Cerebral Ischaemia is Associated with a Diminution of Neuronal Damage In Vitro. NeuroMolecular Medicine, 2014, 16, 332-349.	1.8	12
151	Test repositioning for functional assessment of neurological outcome after experimental stroke in mice. PLoS ONE, 2017, 12, e0176770.	1.1	12
152	Role of TLR4 in Neutrophil Dynamics and Functions: Contribution to Stroke Pathophysiology. Frontiers in Immunology, 2021, 12, 757872.	2.2	12
153	Inducible nitric oxide synthase activity is expressed not only in inflamed but also in normal colonic mucosa in patients with ulcerative colitis: a potential prognostic marker. American Journal of Gastroenterology, 2000, 95, 1371-1373.	0.2	11
154	Functional cGMPâ€gated channels in cerebellar granule cells. Journal of Cellular Physiology, 2012, 227, 2252-2263.	2.0	11
155	Delayed Effects of Acute Reperfusion on Vascular Remodeling and Late-Phase Functional Recovery After Stroke. Frontiers in Neuroscience, 2019, 13, 767.	1.4	11
156	Neurological tests for functional outcome assessment in rodent models of ischaemic stroke. Revista De Neurologia, 2011, 53, 607-18.	7.6	11
157	Effects of antihistaminics on naloxone-induced withdrawal in morphine-dependent mice. Psychopharmacology, 1990, 102, 106-111.	1.5	10
158	Inducible Nitric Oxide Synthase Activity Is Expressed Not Only in Inflamed But Also in Normal Colonic Mucosa in Patients With Ulcerative Colitis: A Potential Prognostic Marker. American Journal of Gastroenterology, 2000, 95, 1371-1373.	0.2	10
159	Aumento de expresiÃ³n y actividad de MMP-9 en rinosinusitis crÃ³nica con poliposis nasal. Acta OtorrinolaringolÃ³gica EspaÃ±ola, 2008, 59, 444-447.	0.2	10
160	Stereological and Flow Cytometry Characterization of Leukocyte Subpopulations in Models of Transient or Permanent Cerebral Ischemia. Journal of Visualized Experiments, 2014, , .	0.2	10
161	Influence of psychogenetics in opiate tolerance and abstinence in mice. General Pharmacology, 1991, 22, 713-716.	0.7	9
162	Influence of metabolic syndrome on post-stroke outcome, angiogenesis and vascular function in old rats determined by dynamic contrast enhanced MRI. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1692-1706.	2.4	9

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163	Tlr2 Gene Deletion Delays Retinal Degeneration in Two Genetically Distinct Mouse Models of Retinitis Pigmentosa. International Journal of Molecular Sciences, 2021, 22, 7815.	1.8	9
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