Anna M Planas

List of Publications by Year
in descending order

236 papers	16,766 citations	16791 66 h-index	24511 114 g-index
240 all docs	240 docs citations	240 times ranked	24667 citing authors

#	Article	IF	Citations
1	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. Science Immunology, 2023, 8, .	5.6	35
2	Arachnoid membrane as a source of sphingosine-1-phosphate that regulates mouse middle cerebral artery tone. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 162-174.	2.4	2
3	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. Nature Immunology, 2022, 23, 159-164.	7.0	41
4	Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598.	13.7	216
5	Protein Expression of the Microglial Marker Tmem119 Decreases in Association With Morphological Changes and Location in a Mouse Model of Traumatic Brain Injury. Frontiers in Cellular Neuroscience, 2022, 16, 820127.	1.8	24
6	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200413119.	3.3	110
7	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. Journal of Experimental Medicine, 2022, 219, .	4.2	21
8	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. Journal of Experimental Medicine, 2022, 219, .	4.2	59
9	Epigenome-wide association study of COVID-19 severity with respiratory failure. EBioMedicine, 2021, 66, 103339.	2.7	90
10	Spread of a SARS-CoV-2 variant through Europe in the summer of 2020. Nature, 2021, 595, 707-712.	13.7	363
11	Harnessing Type I IFN Immunity Against SARS-CoV-2 with Early Administration of IFN-Î². Journal of Clinical Immunology, 2021, 41, 1425-1442.	2.0	39
12	Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. Science Immunology, 2021, 6, .	5.6	357
13	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. Science Immunology, 2021, 6, .	5.6	267
14	Age-dependent impact of the major common genetic risk factor for COVID-19 on severity and mortality. Journal of Clinical Investigation, 2021, 131, .	3.9	72
15	Mannose-binding lectin promotes blood-brain barrier breakdown and exacerbates axonal damage after traumatic brain injury in mice. Experimental Neurology, 2021, 346, 113865.	2.0	3
16	New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. Frontiers in Aging Neuroscience, 2021, 13, 623751.	1.7	17
17	Uric Acid Treatment After Stroke Prevents Long-Term Middle Cerebral Artery Remodelling and Attenuates Brain Damage in Spontaneously Hypertensive Rats. Translational Stroke Research, 2020, 11, 1332-1347.	2.3	16
18	Defining molecular identity and fates of CNS-border associated macrophages after ischemic stroke in rodents and humans. Neurobiology of Disease, 2020, 137, 104722.	2.1	50

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19	Dendritic Cells and Microglia Have Non-redundant Functions in the Inflamed Brain with Protective Effects of Type 1 cDCs. Cell Reports, 2020, 33, 108291.	2.9	39
20	Antigen-Dependent T Cell Response to Neural Peptides After Human Ischemic Stroke. Frontiers in Cellular Neuroscience, 2020, 14, 206.	1.8	25
21	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. Cell, 2020, 181, 1194-1199.	13.5	185
22	CCR2 deficiency in monocytes impairs angiogenesis and functional recovery after ischemic stroke in mice. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, S98-S116.	2.4	57
23	Antibodies against neural antigens in patients with acute stroke: joint results of three independent cohort studies. Journal of Neurology, 2019, 266, 2772-2779.	1.8	9
24	Leukocytes, Collateral Circulation, and Reperfusion in Ischemic Stroke Patients Treated With Mechanical Thrombectomy. Stroke, 2019, 50, 3456-3464.	1.0	69
25	Response to letter â€˜Why do we say â€œNeuroprotectionâ€• in stroke when we mean â€œBrain Protection or Cerebroprotectionâ€?â€™. European Stroke Journal, 2019, 4, 283-283.	2.7	0
26	Murine iPSC-derived microglia and macrophage cell culture models recapitulate distinct phenotypical and functional properties of classical and alternative neuro-immune polarisation. Brain, Behavior, and Immunity, 2019, 82, 406-421.	2.0	19
27	Role of the S1P pathway and inhibition by fingolimod in preventing hemorrhagic transformation after stroke. Scientific Reports, 2019, 9, 8309.	1.6	39
28	Location of Neutrophils in Different Compartments of the Damaged Mouse Brain After Severe Ischemia/Reperfusion. Stroke, 2019, 50, 1548-1557.	1.0	61
29	Uric acid treatment after stroke modulates the KrÃ¼ppel-like factor 2-VEGF-A axis to protect brain endothelial cell functions: Impact of hypertension. Biochemical Pharmacology, 2019, 164, 115-128.	2.0	22
30	Microglial cell loss after ischemic stroke favors brain neutrophil accumulation. Acta Neuropathologica, 2019, 137, 321-341.	3.9	177
31	CD69 Plays a Beneficial Role in Ischemic Stroke by Dampening Endothelial Activation. Circulation Research, 2019, 124, 279-291.	2.0	21
32	Advances in Stroke 2017. Stroke, 2018, 49, e174-e199.	1.0	21
33	Adrenal hormones and circulating leukocyte subtypes in stroke patients treated with reperfusion therapy. Brain, Behavior, and Immunity, 2018, 70, 346-353.	2.0	11
34	IL-23 (Interleukin-23)â€"Producing Conventional Dendritic Cells Control the Detrimental IL-17 (Interleukin-17) Response in Stroke. Stroke, 2018, 49, 155-164.	1.0	81
35	Age-related deregulation of TDP-43 after stroke enhances NF-Î°B-mediated inflammation and neuronal damage. Journal of Neuroinflammation, 2018, 15, 312.	3.1	36
36	Identification of new molecular targets for PET imaging of the microglial anti-inflammatory activation state. Theranostics, 2018, 8, 5400-5418.	4.6	48

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37	DNGR-1 in dendritic cells limits tissue damage by dampening neutrophil recruitment. Science, 2018, 362, 351-356.	6.0	73
38	Action Plan for Stroke in Europe 2018â€"2030. European Stroke Journal, 2018, 3, 309-336.	2.7	311
39	Role of Immune Cells Migrating to the Ischemic Brain. Stroke, 2018, 49, 2261-2267.	1.0	97
40	CNS-border associated macrophages respond to acute ischemic stroke attracting granulocytes and promoting vascular leakage. Acta Neuropathologica Communications, 2018, 6, 76.	2.4	78
41	T Cells Prevent Hemorrhagic Transformation in Ischemic Stroke by P-Selectin Binding. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1761-1771.	1.1	38
42	Intraarterial route increases the risk of cerebral lesions after mesenchymal cell administration in animal model of ischemia. Scientific Reports, 2017, 7, 40758.	1.6	86
43	Sphingosine-1-phosphate signallingâ€"a key player in the pathogenesis of Angiotensin II-induced hypertension. Cardiovascular Research, 2017, 113, 123-133.	1.8	50
44	Uric acid therapy improves the outcomes of stroke patients treated with intravenous tissue plasminogen activator and mechanical thrombectomy. International Journal of Stroke, 2017, 12, 377-382.	2.9	51
45	Hsp90 inhibitor induces nuclear translocation of HSF1 predominantly in hippocampal CA1 region. Molecular Psychiatry, 2017, 22, 935-935.	4.1	0
46	Uric Acid Is Protective After Cerebral Ischemia/Reperfusion in Hyperglycemic Mice. Translational Stroke Research, 2017, 8, 294-305.	2.3	45
47	Complete reperfusion is required for maximal benefits of mechanical thrombectomy in stroke patients. Scientific Reports, 2017, 7, 11636.	1.6	44
48	The IMPROVE Guidelines (Ischaemia Models: Procedural Refinements Of in Vivo Experiments). Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3488-3517.	2.4	128
49	Differential expression of E-type prostanoid receptors 2 and 4 in microglia stimulated with lipopolysaccharide. Journal of Neuroinflammation, 2017, 14, 3.	3.1	21
50	Ficolin-1 Levels in Patients Developing Vasospasm and Cerebral Ischemia After Spontaneous Subarachnoid Hemorrhage. Molecular Neurobiology, 2017, 54, 6572-6580.	1.9	14
51	Neuroanatomical correlates of stroke-associated infection and stroke-induced immunodepression. Brain, Behavior, and Immunity, 2017, 60, 142-150.	2.0	37
52	A CNS-permeable Hsp90 inhibitor rescues synaptic dysfunction and memory loss in APP-overexpressing Alzheimerâ€™s mouse model via an HSF1-mediated mechanism. Molecular Psychiatry, 2017, 22, 990-1001.	4.1	40
53	Structural and functional brain alterations in a murine model of Angiotensin <scp>II</scp>â€induced hypertension. Journal of Neurochemistry, 2017, 140, 509-521.	2.1	36
54	Neuroprotection in acute stroke: targeting excitotoxicity, oxidative and nitrosative stress, and inflammation. Lancet Neurology, The, 2016, 15, 869-881.	4.9	842

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55	Interleukin-13 immune gene therapy prevents CNS inflammation and demyelination via alternative activation of microglia and macrophages. Glia, 2016, 64, 2181-2200.	2.5	53
56	Antigen Presentation After Stroke. Neurotherapeutics, 2016, 13, 719-728.	2.1	29
57	Noninvasive Brain Imaging in Small Animal Stroke Models: MRI, PET, and SPECT. Neuromethods, 2016, , 147-186.	0.2	2
58	Selective Sphingosine 1-Phosphate Receptor 1 Agonist Is Protective Against Ischemia/Reperfusion in Mice. Stroke, 2016, 47, 3053-3056.	1.0	57
59	Uric Acid Therapy Prevents Early Ischemic Stroke Progression. Stroke, 2016, 47, 2874-2876.	1.0	62
60	Third European Stroke Science Workshop. Stroke, 2016, 47, e178-86.	1.0	0
61	Dendritic cells in brain diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 352-367.	1.8	51
62	Immature monocytes recruited to the ischemic mouse brain differentiate into macrophages with features of alternative activation. Brain, Behavior, and Immunity, 2016, 53, 18-33.	2.0	111
63	IL-10 regulates adult neurogenesis by modulating ERK and STAT3 activity. Frontiers in Cellular Neuroscience, 2015, 9, 57.	1.8	64
64	IFN gamma regulates proliferation and neuronal differentiation by STAT1 in adult SVZ niche. Frontiers in Cellular Neuroscience, 2015, 9, 270.	1.8	32
65	Neutrophil recruitment to the brain in mouse and human ischemic stroke. Acta Neuropathologica, 2015, 129, 239-257.	3.9	307
66	Middle cerebral artery remodeling following transient brain ischemia is linked to early postischemic hyperemia: A target of uric acid treatment. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H862-H874.	1.5	68
67	Results of a preclinical randomized controlled multicenter trial (pRCT): Anti-CD49d treatment for acute brain ischemia. Science Translational Medicine, 2015, 7, 299ra121.	5.8	207
68	Multimodal Imaging Reveals Temporal and Spatial Microglia and Matrix Metalloproteinase Activity after Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1711-1721.	2.4	62
69	Uric Acid Therapy Improves Clinical Outcome in Women With Acute Ischemic Stroke. Stroke, 2015, 46, 2162-2167.	1.0	103
70	Uric acid improves glucoseâ€driven oxidative stress in human ischemic stroke. Annals of Neurology, 2015, 77, 775-783.	2.8	88
71	Immunomodulatory role of IL-33 counteracts brain inflammation in stroke. Brain, Behavior, and Immunity, 2015, 50, 39-40.	2.0	4
72	Fibrinogen nitrotyrosination after ischemic stroke impairs thrombolysis and promotes neuronal death. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 421-428.	1.8	24

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73	Blockade of MK-801-Induced Heat Shock Protein 72/73 in Rat Brain by Antipsychotic and Monoaminergic Agents Targeting D2, 5-HT_{1A}, 5-HT_{2A} and α₁-Adrenergic Receptors. CNS and Neurological Disorders - Drug Targets, 2014, 13, 104-111.	0.8	2
74	Antigen-specific immune reactions to ischemic stroke. Frontiers in Cellular Neuroscience, 2014, 8, 278.	1.8	54
75	Mannose-Binding Lectin Promotes Local Microvascular Thrombosis After Transient Brain Ischemia in Mice. Stroke, 2014, 45, 1453-1459.	1.0	45
76	Presence of heat shock protein 70 in secondary lymphoid tissue correlates with stroke prognosis. Journal of Neuroimmunology, 2014, 270, 67-74.	1.1	9
77	Safety and efficacy of uric acid in patients with acute stroke (URICO-ICTUS): a randomised, double-blind phase 2b/3 trial. Lancet Neurology, The, 2014, 13, 453-460.	4.9	218
78	Dual-reporter in vivo imaging of transient and inducible heat-shock promoter activation. Biomedical Optics Express, 2014, 5, 457.	1.5	9
79	Infarct volume prediction using apparent diffusion coefficient maps during middle cerebral artery occlusion and soon after reperfusion in the rat. Brain Research, 2014, 1583, 169-178.	1.1	6
80	Urate and neuroprotection trials â€" Authors' reply. Lancet Neurology, The, 2014, 13, 758-759.	4.9	0
81	DWI and complex brain network analysis predicts vascular cognitive impairment in spontaneous hypertensive rats undergoing executive function tests. Frontiers in Aging Neuroscience, 2014, 6, 167.	1.7	24
82	Brain Tissue Hypoxia and Oxidative Stress Induced by Obstructive Apneas is Different in Young and Aged Rats. Sleep, 2014, 37, 1249-1256.	0.6	29
83	Induction of hemeoxygenase-1 expression after inhibition of hemeoxygenase activity promotes inflammation and worsens ischemic brain damage in mice. Neuroscience, 2013, 243, 22-32.	1.1	23
84	SIRT1 Regulation Modulates Stroke Outcome. Translational Stroke Research, 2013, 4, 663-671.	2.3	27
85	Hypoxia and P1 receptor activation regulate the high-affinity concentrative adenosine transporter CNT2Âin differentiated neuronal PC12 cells. Biochemical Journal, 2013, 454, 437-445.	1.7	26
86	A plasmid toolkit for cloning chimeric cDNAs encoding customized fusion proteins into any Gateway destination expression vector. BMC Molecular Biology, 2013, 14, 18.	3.0	8
87	IL-10 Deficiency Exacerbates the Brain Inflammatory Response to Permanent Ischemia without Preventing Resolution of the Lesion. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1955-1966.	2.4	88
88	Interleukin-10 regulates progenitor differentiation and modulates neurogenesis on adult brain. Journal of Cell Science, 2013, 126, 4208-19.	1.2	70
89	Quantitative Imaging of Microtubule Alteration as an Early Marker ofÂAxonal Degeneration after Ischemia in Neurons. Biophysical Journal, 2013, 104, 968-975.	0.2	34
90	In vivo imaging of induction of heat-shock protein-70 gene expression with fluorescence reflectance imaging and intravital confocal microscopy following brain ischaemia in reporter mice. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 426-438.	3.3	15

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91	A Concerted Appeal for International Cooperation in Preclinical Stroke Research. Stroke, 2013, 44, 1754-1760.	1.0	94
92	Increased nitric oxide production in lymphatic endothelial cells causes impairment of lymphatic drainage in cirrhotic rats. Gut, 2013, 62, 138-145.	6.1	47
93	Advances in Stroke. Stroke, 2013, 44, 318-319.	1.0	8
94	The Ins and Outs of the BCCAo Model for Chronic Hypoperfusion: A Multimodal and Longitudinal MRI Approach. PLoS ONE, 2013, 8, e74631.	1.1	45
95	Nitro-Oxidative Stress after Neuronal Ischemia Induces Protein Nitrotyrosination and Cell Death. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-9.	1.9	36
96	Interleukin-10 regulates progenitor differentiation and modulates neurogenesis in adult brain. Development (Cambridge), 2013, 140, e2007-e2007.	1.2	1
97	Letter by Urra et al Regarding Article, â€œAutoimmune Responses to the Brain After Stroke Are Associated With Worse Outcomeâ€. Stroke, 2012, 43, e26; author reply e27-8.	1.0	3
98	Middle cerebral artery alterations in a rat chronic hypoperfusion model. Journal of Applied Physiology, 2012, 112, 511-518.	1.2	21
99	Brain-Derived Antigens in Lymphoid Tissue of Patients with Acute Stroke. Journal of Immunology, 2012, 188, 2156-2163.	0.4	138
100	RGD-based cell ligands for cell-targeted drug delivery act as potent trophic factors. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 1263-1266.	1.7	16
101	The immunology of acute stroke. Nature Reviews Neurology, 2012, 8, 401-410.	4.9	527
102	A complementary diffusion tensor imaging (DTI)-histological study in a model of Huntington's disease. Neurobiology of Aging, 2012, 33, 945-959.	1.5	29
103	Induction of COX-2 Enzyme and Down-regulation of COX-1 Expression by Lipopolysaccharide (LPS) Control Prostaglandin E2 Production in Astrocytes. Journal of Biological Chemistry, 2012, 287, 6454-6468.	1.6	166
104	Combined treatment with recombinant tissue plasminogen activator and dexamethasone phosphateâ€containing liposomes improves neurological outcome and restricts lesion progression after embolic stroke in rats. Journal of Neurochemistry, 2012, 123, 65-74.	2.1	33
105	Tissue plasminogen activator induces microglial inflammation via a noncatalytic molecular mechanism involving activation of mitogenâ€activated protein kinases and Akt signaling pathways and AnnexinA2 and Galectinâ€1 receptors. Glia, 2012, 60, 526-540.	2.5	54
106	Anti-Obesity Sodium Tungstate Treatment Triggers Axonal and Glial Plasticity in Hypothalamic Feeding Centers. PLoS ONE, 2012, 7, e39087.	1.1	8
107	Uric Acid Levels Are Relevant in Patients With Stroke Treated With Thrombolysis. Stroke, 2011, 42, S28-32.	1.0	100
108	New Serotonin 5-HT_{1A} Receptor Agonists with Neuroprotective Effect against Ischemic Cell Damage. Journal of Medicinal Chemistry, 2011, 54, 7986-7999.	2.9	36

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109	Positron emission tomography with 11C-flumazenil in the rat shows preservation of binding sites during the acute phase after 2h-transient focal ischemia. Neuroscience, 2011, 182, 208-216.	1.1	21
110	Tissue Oxygenation in Brain, Muscle, and Fat in a Rat Model of Sleep Apnea: Differential Effect of Obstructive Apneas and Intermittent Hypoxia. Sleep, 2011, 34, 1127-1133.	0.6	93
111	In vivo magnetic resonance imaging characterization of bilateral structural changes in experimental Parkinsonâ€™s disease: a T2 relaxometry study combined with longitudinal diffusion tensor imaging and manganese-enhanced magnetic resonance imaging in the 6-. European Journal of Neuroscience, 2011, 33, 1551-1560.	1.2	48
112	Autophagy, and BiP level decrease are early key events in retrograde degeneration of motoneurons. Cell Death and Differentiation, 2011, 18, 1617-1627.	5.0	48
113	Evaluation of Hypoxic Tissue Dynamics with 18F-FMISO PET in a Rat Model of Permanent Cerebral Ischemia. Molecular Imaging and Biology, 2011, 13, 558-564.	1.3	7
114	Astrocyte TLR4 activation induces a proinflammatory environment through the interplay between MyD88â€dependent NFÎºB signaling, MAPK, and Jak1/Stat1 pathways. Glia, 2011, 59, 242-255.	2.5	390
115	Improved Assessment of <i>Ex Vivo</i> Brainstem Neuroanatomy With Highâ€Resolution MRI and DTI at 7 Tesla. Anatomical Record, 2011, 294, 1035-1044.	0.8	36
116	Nanoparticulate architecture of protein-based artificial viruses is supported by proteinâ€“DNA interactions. Nanomedicine, 2011, 6, 1047-1061.	1.7	14
117	Advances in Translational Medicine 2010. Stroke, 2011, 42, 283-284.	1.0	8
118	Polarization second harmonic generation (PSHG) imaging of neurons: estimating the effective orientation of the SHG source in axons. Proceedings of SPIE, 2010, , .	0.8	1
119	In Vitro and In Vivo Activation of Astrocytes by Amyloid-Î² is Potentiated by Pro-Oxidant Agents. Journal of Alzheimer's Disease, 2010, 20, 229-245.	1.2	42
120	Type 1 cannabinoid receptor mapping with [18F]MK-9470 PET in the rat brain after quinolinic acid lesion: a comparison to dopamine receptors and glucose metabolism. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 2354-2363.	3.3	25
121	Antioxidant CR-6 Protects against Reperfusion Injury after a Transient Episode of Focal Brain Ischemia in Rats. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 638-652.	2.4	39
122	Extended Ischemia Prevents HIF1Î± Degradation at Reoxygenation by Impairing Prolyl-hydroxylation. Journal of Biological Chemistry, 2010, 285, 18217-18224.	1.6	42
123	Assessing structural characteristics of axons in cortical neurons using polarization sensitive SHG. Proceedings of SPIE, 2010, , .	0.8	0
124	Bicosomes: Bicelles in Dilute Systems. Biophysical Journal, 2010, 99, 480-488.	0.2	25
125	Chondroitin sulfate inhibits lipopolysaccharide-induced inflammation in rat astrocytes by preventing nuclear factor kappa B activation. Neuroscience, 2010, 167, 872-879.	1.1	37
126	Matrix Metalloproteinase-9 and Cell Division in Neuroblastoma Cells and Bone Marrow Macrophages. American Journal of Pathology, 2010, 177, 2870-2885.	1.9	24

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127	Noninvasive Brain Imaging in Small Animal Stroke Models: MRI and PET. Neuromethods, 2010, , 139-165.	0.2	3
128	Genetically-Defined Deficiency of Mannose-Binding Lectin Is Associated with Protection after Experimental Stroke in Mice and Outcome in Human Stroke. PLoS ONE, 2010, 5, e8433.	1.1	128
129	Participation of Oxidative Stress on Rat Middle Cerebral Artery Changes Induced by Focal Cerebral Ischemia: Beneficial Effects of 3,4-Dihydro-6-hydroxy-7-methoxy-2,2-dimethyl-1(2<i>H</i>)-benzopyran (CR-6). Journal of Pharmacology and Experimental Therapeutics, 2009, 331, 429-436.	1.3	23
130	Depressed Glucose Consumption at Reperfusion following Brain Ischemia does not Correlate with Mitochondrial Dysfunction and Development of Infarction: An in vivo Positron Emission Tomography Study. Current Neurovascular Research, 2009, 6, 82-88.	0.4	23
131	Transient benefits but lack of protection by sodium pyruvate after 2-hour middle cerebral artery occlusion in the rat. Brain Research, 2009, 1272, 45-51.	1.1	9
132	Astrocytes are very sensitive to develop innate immune responses to lipidâ€carried short interfering RNA. Glia, 2009, 57, 93-107.	2.5	38
133	Course of matrix metalloproteinase-9 isoforms after the administration of uric acid in patients with acute stroke. Journal of Neurology, 2009, 256, 651-656.	1.8	37
134	Monocyte Subtypes Predict Clinical Course and Prognosis in Human Stroke. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 994-1002.	2.4	185
135	Regulatory T cells protect the brain after stroke. Nature Medicine, 2009, 15, 138-139.	15.2	45
136	Monocytes Are Major Players in the Prognosis and Risk of Infection After Acute Stroke. Stroke, 2009, 40, 1262-1268.	1.0	168
137	Harms and benefits of lymphocyte subpopulations in patients with acute stroke. Neuroscience, 2009, 158, 1174-1183.	1.1	189
138	Quantitative discrimination between endogenous SHG sources in mammalian tissue, based on their polarization response. Optics Express, 2009, 17, 10168.	1.7	58
139	Estimation of the effective orientation of the SHG source in primary cortical neurons. Optics Express, 2009, 17, 14418.	1.7	52
140	Glucose promotes caspaseâ€dependent delayed cell death after a transient episode of oxygen and glucose deprivation in SHâ€SY5Y cells. Journal of Neurochemistry, 2008, 106, 1237-1247.	2.1	18
141	Endothelial Dysfunction in Rat Mesenteric Resistance Artery after Transient Middle Cerebral Artery Occlusion. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 363-369.	1.3	37
142	Improving Outcome after Stroke: Overcoming the Translational Roadblock. Cerebrovascular Diseases, 2008, 25, 268-278.	0.8	237
143	Uric acid administration in patients with acute stroke: a novel approach to neuroprotection. Expert Review of Neurotherapeutics, 2008, 8, 259-270.	1.4	59
144	Nitric oxide mediates NMDA-induced persistent inhibition of protein synthesis through dephosphorylation of eukaryotic initiation factor 4E-binding protein 1 and eukaryotic initiation factor 4G proteolysis. Biochemical Journal, 2008, 411, 667-677.	1.7	14

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145	Imaging Changes in Lymphoid Organs In Vivo after Brain Ischemia with Three-Dimensional Fluorescence Molecular Tomography in Transgenic Mice Expressing Green Fluorescent Protein in T Lymphocytes. Molecular Imaging, 2008, 7, 7290.2008.00016.	0.7	33
146	Response to Letter by Emsley et al. Stroke, 2008, 39, .	1.0	0
147	Response to Letter by Dawson et al. Stroke, 2008, 39, .	1.0	0
148	A Pilot Study of Dual Treatment With Recombinant Tissue Plasminogen Activator and Uric Acid in Acute Ischemic Stroke. Stroke, 2007, 38, 2173-2175.	1.0	110
149	Infection After Acute Ischemic Stroke. Stroke, 2007, 38, 1097-1103.	1.0	350
150	Catecholamines, infection, and death in acute ischemic stroke. Journal of the Neurological Sciences, 2007, 252, 29-35.	0.3	166
151	Transient middle cerebral artery occlusion causes different structural, mechanical, and myogenic alterations in normotensive and hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H628-H635.	1.5	34
152	Exposure of glia to proâ€•oxidant agents revealed selective Stat1 activation by H₂O₂ and Jak2â€•independent antioxidant features of the Jak2 inhibitor AG490. Glia, 2007, 55, 1313-1324.	2.5	36
153	Uric Acid Reduces Brain Damage and Improves the Benefits of rt-PA in a Rat Model of Thromboembolic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 14-20.	2.4	160
154	Imaging Brain Inflammation with [11C]PK11195 by PET and Induction of the Peripheral-Type Benzodiazepine Receptor after Transient Focal Ischemia in Rats. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1975-1986.	2.4	137
155	Signalling pathways mediating inflammatory responses in brain ischaemia. Biochemical Society Transactions, 2006, 34, 1267-1270.	1.6	114
156	Response to Letter by Tsuda. Stroke, 2006, 37, 2200-2200.	1.0	0
157	Anti-VCAM-1 Antibodies did not Protect against Ischemic Damage Either in Rats Or in Mice. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 421-432.	2.4	104
158	Carboxyl-terminal fragment of amyloid precursor protein and hydrogen peroxide induce neuronal cell death through different pathways. Journal of Neural Transmission, 2006, 113, 1837-1845.	1.4	11
159	Why Does Acute Hyperglycemia Worsen the Outcome of Transient Focal Cerebral Ischemia?. Stroke, 2006, 37, 1288-1295.	1.0	76
160	Modest MRI Signal Intensity Changes Precede Delayed Cortical Necrosis After Transient Focal Ischemia in the Rat. Stroke, 2006, 37, 1525-1532.	1.0	31
161	Clinical Consequences of Infection in Patients With Acute Stroke. Stroke, 2006, 37, 461-465.	1.0	134
162	Increased Superoxide Anion Production by Interleukin-1Î² Impairs Nitric Oxide-Mediated Relaxation in Resistance Arteries. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 42-52.	1.3	69

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163	AG490 prevents cell death after exposure of rat astrocytes to hydrogen peroxide or proinflammatory cytokines: involvement of the Jak2/STAT pathway. Journal of Neurochemistry, 2005, 92, 505-518.	2.1	54
164	The â€"174G/C Polymorphism of the Interleukin 6 Gene Is a Hallmark of Lacunar Stroke and Not Other Ischemic Stroke Phenotypes. Cerebrovascular Diseases, 2005, 19, 91-95.	0.8	49
165	The Early Systemic Prophylaxis of Infection After Stroke Study. Stroke, 2005, 36, 1495-1500.	1.0	176
166	NMDA modulates the phosphorylation of several translation factors and inhibits protein synthesis in neural cultures. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S485-S485.	2.4	0
167	Yin and Yang of Uric Acid in Patients With Stroke. Stroke, 2004, 35, e11-2; author reply e11-2.	1.0	8
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