

# Jose Castillo

## List of Publications by Year in descending order

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205  
papers

10,570  
citations

26630

56  
h-index

43889

91  
g-index

214  
all docs

214  
docs citations

214  
times ranked

11454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blood Pressure Decrease During the Acute Phase of Ischemic Stroke Is Associated With Brain Injury and Poor Stroke Outcome. <i>Stroke</i> , 2004, 35, 520-526.	2.0	446
2	Relationship of Blood Pressure, Antihypertensive Therapy, and Outcome in Ischemic Stroke Treated With Intravenous Thrombolysis. <i>Stroke</i> , 2009, 40, 2442-2449.	2.0	312
3	Progression of ischaemic stroke and excitotoxic aminoacids. <i>Lancet, The</i> , 1997, 349, 79-82.	13.7	298
4	Levels of Anti-Inflammatory Cytokines and Neurological Worsening in Acute Ischemic Stroke. <i>Stroke</i> , 2003, 34, 671-675.	2.0	256
5	Citicoline in the treatment of acute ischaemic stroke: an international, randomised, multicentre, placebo-controlled study (ICTUS trial). <i>Lancet, The</i> , 2012, 380, 349-357.	13.7	215
6	Molecular Signatures of Vascular Injury Are Associated With Early Growth of Intracerebral Hemorrhage. <i>Stroke</i> , 2005, 36, 86-91.	2.0	214
7	Inflammation-Mediated Damage in Progressing Lacunar Infarctions. <i>Stroke</i> , 2002, 33, 982-987.	2.0	212
8	The Increase of Circulating Endothelial Progenitor Cells After Acute Ischemic Stroke Is Associated With Good Outcome. <i>Stroke</i> , 2007, 38, 2759-2764.	2.0	206
9	Oral Citicoline in Acute Ischemic Stroke. <i>Stroke</i> , 2002, 33, 2850-2857.	2.0	205
10	Serum Cellular Fibronectin and Matrix Metalloproteinase-9 as Screening Biomarkers for the Prediction of Parenchymal Hematoma After Thrombolytic Therapy in Acute Ischemic Stroke. <i>Stroke</i> , 2007, 38, 1855-1859.	2.0	166
11	The Prognostic Value of Capillary Glucose Levels in Acute Stroke. <i>Stroke</i> , 2009, 40, 562-568.	2.0	166
12	Matrix metalloproteinase-9 concentration after spontaneous intracerebral hemorrhage. <i>Journal of Neurosurgery</i> , 2003, 99, 65-70.	1.6	156
13	Toll-like receptors 2 and 4 in ischemic stroke: Outcome and therapeutic values. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1424-1431.	4.3	151
14	Plasma Cellular-Fibronectin Concentration Predicts Hemorrhagic Transformation After Thrombolytic Therapy in Acute Ischemic Stroke. <i>Stroke</i> , 2004, 35, 1671-1676.	2.0	144
15	Targeting the Ischemic Penumbra. <i>Stroke</i> , 2011, 42, S7-11.	2.0	140
16	Neuroprotection by glutamate oxaloacetate transaminase in ischemic stroke: An experimental study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1378-1386.	4.3	135
17	The Prediction of Malignant Cerebral Infarction by Molecular Brain Barrier Disruption Markers. <i>Stroke</i> , 2005, 36, 1921-1926.	2.0	132
18	B-Type Natriuretic Peptides Help in Cardioembolic Stroke Diagnosis. <i>Stroke</i> , 2015, 46, 1187-1195.	2.0	132

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19	Plasma metalloproteinase-9 concentration predicts hemorrhagic transformation in acute ischemic stroke. <i>Stroke</i> , 2003, 34, 40-6.	2.0	128
20	Stroke on Awakening: Looking for a More Rational Management. <i>Cerebrovascular Diseases</i> , 2003, 16, 128-133.	1.7	126
21	Neuroprotection afforded by prior citicoline administration in experimental brain ischemia: effects on glutamate transport. <i>Neurobiology of Disease</i> , 2005, 18, 336-345.	4.4	124
22	Role of inflammatory markers in brain ischemia. <i>Current Opinion in Neurology</i> , 2008, 21, 353-357.	3.6	117
23	Inflammatory and Neuroimmunomodulatory Changes in Acute Cerebral Ischemia. <i>Cerebrovascular Diseases</i> , 2009, 27, 48-64.	1.7	108
24	Rosiglitazone and 15-deoxy- $\Delta^2$ ,14-prostaglandin J2 Cause Potent Neuroprotection after Experimental Stroke through Noncompletely Overlapping Mechanisms. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 218-229.	4.3	107
25	Aggravation of Acute Ischemic Stroke by Hyperthermia Is Related to an Excitotoxic Mechanism. <i>Cerebrovascular Diseases</i> , 1999, 9, 22-27.	1.7	106
26	Association between periodontitis and ischemic stroke: a systematic review and meta-analysis. <i>European Journal of Epidemiology</i> , 2017, 32, 43-53.	5.7	101
27	Prognostic value of blood interleukin-6 in the prediction of functional outcome after stroke: A systematic review and meta-analysis. <i>Journal of Neuroimmunology</i> , 2014, 274, 215-224.	2.3	100
28	Neuroexcitatory Amino Acid Levels in Plasma and Cerebrospinal Fluid During Migraine Attacks. <i>Cephalalgia</i> , 1993, 13, 89-93.	3.9	96
29	A polymorphism in the EAAT2 promoter is associated with higher glutamate concentrations and higher frequency of progressing stroke. <i>Journal of Experimental Medicine</i> , 2006, 203, 711-717.	8.5	94
30	Endothelial progenitor cells. <i>Neurology</i> , 2012, 79, 474-479.	1.1	94
31	Biochemical Changes and Inflammatory Response as Markers for Brain Ischaemia: Molecular Markers of Diagnostic Utility and Prognosis in Human Clinical Practice. <i>Cerebrovascular Diseases</i> , 2004, 17, 7-18.	1.7	93
32	A-174G/C polymorphism of the interleukin-6 gene in patients with lacunar infarction. <i>Neuroscience Letters</i> , 2002, 324, 29-32.	2.1	91
33	Inhibition of iNOS activity by 1400W decreases glutamate release and ameliorates stroke outcome after experimental ischemia. <i>Neurobiology of Disease</i> , 2005, 18, 375-384.	4.4	87
34	Deteriorating Stroke: Diagnostic Criteria, Predictors, Mechanisms and Treatment. <i>Cerebrovascular Diseases</i> , 1999, 9, 1-8.	1.7	86
35	The release of tumor necrosis factor- $\alpha$ is associated with ischemic tolerance in human stroke. <i>Annals of Neurology</i> , 2003, 54, 811-819.	5.3	86
36	Intraarterial route increases the risk of cerebral lesions after mesenchymal cell administration in animal model of ischemia. <i>Scientific Reports</i> , 2017, 7, 40758.	3.3	86

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37	TNFR1 Upregulation Mediates Tolerance after Brain Ischemic Preconditioning. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 193-203.	4.3	83
38	Fingolimod Reduces Hemorrhagic Transformation Associated With Delayed Tissue Plasminogen Activator Treatment in a Mouse Thromboembolic Model. Stroke, 2013, 44, 505-511.	2.0	83
39	The role of angiogenesis in damage and recovery from ischemic stroke. Current Treatment Options in Cardiovascular Medicine, 2007, 9, 205-212.	0.9	80
40	Neuroprotective effect of aspirin by inhibition of glutamate release after permanent focal cerebral ischaemia in rats. Journal of Neurochemistry, 2001, 79, 456-459.	3.9	78
41	Inflammation as Therapeutic Objective in Stroke. Current Pharmaceutical Design, 2008, 14, 3549-3564.	1.9	78
42	A chronic treatment with CDP-choline improves functional recovery and increases neuronal plasticity after experimental stroke. Neurobiology of Disease, 2007, 26, 105-111.	4.4	76
43	Increased Body Iron Stores Are Associated With Poor Outcome After Thrombolytic Treatment in Acute Stroke. Stroke, 2007, 38, 90-95.	2.0	75
44	High serum levels of leptin are associated with post-stroke depression. Psychological Medicine, 2009, 39, 1201.	4.5	75
45	In Vivo Theranostics at the Peri-Infarct Region in Cerebral Ischemia. Theranostics, 2014, 4, 90-105.	10.0	74
46	High pro-BNP levels predict the occurrence of atrial fibrillation after cryptogenic stroke. Neurology, 2013, 81, 444-447.	1.1	73
47	A novel mechanism of neuroprotection: Blood glutamate grabber. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 292-301.	4.3	71
48	High blood glutamate oxaloacetate transaminase levels are associated with good functional outcome in acute ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1387-1393.	4.3	70
49	Iron intake increases infarct volume after permanent middle cerebral artery occlusion in rats. Brain Research, 2002, 952, 1-6.	2.2	68
50	MMP-9 Immunoreactivity in Acute Migraine. Headache, 2007, 47, 698-702.	3.9	67
51	Increased Plasma Levels of 15-Deoxy $\Delta^2$ Prostaglandin $J_2$ Are Associated With Good Outcome in Acute Atherothrombotic Ischemic Stroke. Stroke, 2005, 36, 1189-1194.	2.0	66
52	Toll-like receptors 7 and 8 expression is associated with poor outcome and greater inflammatory response in acute ischemic stroke. Clinical Immunology, 2011, 139, 193-198.	3.2	66
53	Public Perception of Stroke in Spain. Cerebrovascular Diseases, 2003, 16, 21-26.	1.7	65
54	Regulatory T cells modulate inflammation and reduce infarct volume in experimental brain ischaemia. Journal of Cellular and Molecular Medicine, 2014, 18, 1571-1579.	3.6	64

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55	Body Temperature and Fibrinogen Are Related to Early Neurological Deterioration in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 1997, 7, 64-69.	1.7	63
56	Inflammation markers and prediction of post-stroke vascular disease recurrence: The MITICO study. <i>Journal of Neurology</i> , 2009, 256, 217-224.	3.6	62
57	Usefulness of haptoglobin and serum amyloid A proteins as biomarkers for atherothrombotic ischemic stroke diagnosis confirmation. <i>Atherosclerosis</i> , 2009, 205, 561-567.	0.8	59
58	Citicoline for Acute Ischemic Stroke: A Systematic Review and Formal Meta-analysis of Randomized, Double-Blind, and Placebo-Controlled Trials. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 1984-1996.	1.6	59
59	High Serum Levels of Endothelin-1 Predict Severe Cerebral Edema in Patients With Acute Ischemic Stroke Treated With t-PA. <i>Stroke</i> , 2008, 39, 2006-2010.	2.0	58
60	Iron deposition in periaqueductal gray matter as a potential biomarker for chronic migraine. <i>Neurology</i> , 2019, 92, e1076-e1085.	1.1	58
61	Blood levels of glutamate oxaloacetate transaminase are more strongly associated with good outcome in acute ischaemic stroke than glutamate pyruvate transaminase levels. <i>Clinical Science</i> , 2011, 121, 11-17.	4.3	57
62	The human <i>TP53</i> Arg72Pro polymorphism explains different functional prognosis in stroke. <i>Journal of Experimental Medicine</i> , 2011, 208, 429-437.	8.5	57
63	Upregulation of TACE/ADAM17 after Ischemic Preconditioning is Involved in Brain Tolerance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 1297-1302.	4.3	56
64	Hyperthermia is a surrogate marker of inflammationâ€mediated cause of brain damage in acute ischaemic stroke. <i>Journal of Internal Medicine</i> , 2006, 260, 343-349.	6.0	56
65	Temporal profile and clinical significance of serum neuron-specific enolase and S100 in ischemic and hemorrhagic stroke. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 1513-8.	2.3	56
66	Human recombinant glutamate oxaloacetate transaminase 1 (GOT1) supplemented with oxaloacetate induces a protective effect after cerebral ischemia. <i>Cell Death and Disease</i> , 2014, 5, e992-e992.	6.3	56
67	CGRP and PTX3 as Predictors of Efficacy of Onabotulinumtoxin Type A in Chronic Migraine: An Observational Study. <i>Headache</i> , 2018, 58, 78-87.	3.9	55
68	Increased expression of Toll-like receptors 2 and 4 is associated with poor outcome in intracerebral hemorrhage. <i>Journal of Neuroimmunology</i> , 2012, 247, 75-80.	2.3	54
69	Iron-loaded transferrin (Tf) is detrimental whereas iron-free Tf confers protection against brain ischemia by modifying blood Tf saturation and subsequent neuronal damage. <i>Redox Biology</i> , 2018, 15, 143-158.	9.0	51
70	Oxaloacetate: A novel neuroprotective for acute ischemic stroke. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 262-265.	2.8	48
71	Increased levels of circulating endothelial progenitor cells in patients with ischaemic stroke treated with statins during acute phase. <i>European Journal of Neurology</i> , 2012, 19, 1539-1546.	3.3	46
72	High Serum Levels of Growth Factors Are Associated with Good Outcome in Intracerebral Hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1968-1974.	4.3	45

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73	Glutamate Excitotoxicity Is the Key Molecular Mechanism Which Is Influenced by Body Temperature during the Acute Phase of Brain Stroke. PLoS ONE, 2012, 7, e44191.	2.5	44
74	Importance of Cerebral Artery Recanalization in Patients With Stroke With and Without Neurological Improvement After Intravenous Thrombolysis. Stroke, 2013, 44, 2513-2518.	2.0	44
75	proMetalloproteinaseâ€“10 is associated with brain damage and clinical outcome in acute ischemic stroke. Journal of Thrombosis and Haemostasis, 2013, 11, 1464-1473.	3.8	44
76	APC/C <sup>Cdh1</sup>-Rock2 pathway controls dendritic integrity and memory. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4513-4518.	7.1	44
77	Predictors of Deteriorating Cerebral Infarct: Role of Inflammatory Mechanisms. Would Its Early Treatment Be Useful?. Cerebrovascular Diseases, 2001, 11, 40-48.	1.7	42
78	Persistent Hyperglycemia >155 mg/dL in Acute Ischemic Stroke Patients: How Well Are We Correcting It?. Stroke, 2010, 41, 2362-2365.	2.0	42
79	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.	4.4	40
80	Early Biomarkers of Clinicalâ€“Diffusion Mismatch in Acute Ischemic Stroke. Stroke, 2011, 42, 2813-2818.	2.0	40
81	Temporal profile of molecular signatures associated with circulating endothelial progenitor cells in human ischemic stroke. Journal of Neuroscience Research, 2012, 90, 1788-1793.	2.9	40
82	Citicoline in Intracerebral Haemorrhage: A Double-Blind, Randomized, Placebo-Controlled, Multi-Centre Pilot Study. Cerebrovascular Diseases, 2006, 21, 380-385.	1.7	39
83	Neurorepair versus Neuroprotection in Stroke. Cerebrovascular Diseases, 2006, 21, 54-63.	1.7	38
84	Vascular Protection in Brain Ischemia. Cerebrovascular Diseases, 2006, 21, 21-29.	1.7	38
85	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.	4.3	37
86	Cerebral Hemodynamic Reserve and Early Neurologic Deterioration in Acute Ischemic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 1267-1271.	4.3	37
87	Ischemic Preconditioning: A Novel Target for Neuroprotective Therapy. Cerebrovascular Diseases, 2006, 21, 38-47.	1.7	37
88	The Metabolic Syndrome Is Associated With a Higher Resistance to Intravenous Thrombolysis for Acute Ischemic Stroke in Women Than in Men. Stroke, 2009, 40, 344-349.	2.0	37
89	Neuroprotective effects of aspirin in patients with acute cerebral infarction. Neuroscience Letters, 2003, 339, 248-250.	2.1	36
90	Impaired Brachial Flow-Mediated Dilation Is a Predictor of a New-Onset Vascular Event after Stroke. Cerebrovascular Diseases, 2011, 32, 155-162.	1.7	36

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91	Influence of temperature on ischemic brain: Basic and clinical principles. <i>Neurochemistry International</i> , 2012, 60, 495-505.	3.8	36
92	Clinical validation of blood/brain glutamate grabbing in acute ischemic stroke. <i>Annals of Neurology</i> , 2018, 84, 260-273.	5.3	36
93	Early Neurological Change After Ischemic Stroke Is Associated With 90-Day Outcome. <i>Stroke</i> , 2021, 52, 132-141.	2.0	36
94	Platelets, Inflammation, and Atherothrombotic Neurovascular Disease: The Role of Endothelial Dysfunction. <i>Cerebrovascular Diseases</i> , 2005, 20, 32-39.	1.7	35
95	Serial MRI study of the enhanced therapeutic effects of liposome-encapsulated citicoline in cerebral ischemia. <i>International Journal of Pharmaceutics</i> , 2011, 405, 228-233.	5.2	35
96	Neovascularization and functional recovery after intracerebral hemorrhage is conditioned by the Tp53 Arg72Pro single-nucleotide polymorphism. <i>Cell Death and Differentiation</i> , 2017, 24, 144-154.	11.2	35
97	Role of adipocytokines in the pathophysiology of migraine: A cross-sectional study. <i>Cephalalgia</i> , 2018, 38, 904-911.	3.9	34
98	Trends in stroke outcomes in the last ten years in a European tertiary hospital. <i>BMC Neurology</i> , 2018, 18, 164.	1.8	33
99	Neuroprotective effects of dexmedetomidine conditioning strategies: Evidences from an in vitro model of cerebral ischemia. <i>Life Sciences</i> , 2016, 144, 162-169.	4.3	32
100	Platelet derived growth factor-CC isoform is associated with hemorrhagic transformation in ischemic stroke patients treated with tissue plasminogen activator. <i>Atherosclerosis</i> , 2013, 226, 165-171.	0.8	31
101	Adult Stem Cells and Induced Pluripotent Stem Cells for Stroke Treatment. <i>Frontiers in Neurology</i> , 2019, 10, 908.	2.4	31
102	Increased Endothelial Progenitor Cell Levels are Associated with Good Outcome in Intracerebral Hemorrhage. <i>Scientific Reports</i> , 2016, 6, 28724.	3.3	30
103	Age- and Sex-Specific Risk Profiles and In-Hospital Mortality in 13,932 Spanish Stroke Patients. <i>Cerebrovascular Diseases</i> , 2019, 47, 151-164.	1.7	30
104	Biological Signatures of Brain Damage Associated with High Serum Ferritin Levels in Patients with Acute Ischemic Stroke and Thrombolytic Treatment. <i>Disease Markers</i> , 2008, 25, 181-188.	1.3	29
105	Cd34 <sup>+</sup> progenitor cells likely are involved in the good functional recovery after intracerebral hemorrhage in humans. <i>Journal of Neuroscience Research</i> , 2011, 89, 979-985.	2.9	29
106	Worse Outcome in Stroke Patients Treated with rt-PA Without Early Reperfusion: Associated Factors. <i>Translational Stroke Research</i> , 2018, 9, 347-355.	4.2	29
107	Periodontitis is associated with systemic inflammation and vascular endothelial dysfunction in patients with lacunar infarct. <i>Journal of Periodontology</i> , 2019, 90, 465-474.	3.4	29
108	Regulatory T cells participate in the recovery of ischemic stroke patients. <i>BMC Neurology</i> , 2020, 20, 68.	1.8	29

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109	Unfractionated heparin is associated with a lower rise of serum vascular cell adhesion molecule-1 in acute ischemic stroke patients. <i>Neuroscience Letters</i> , 2002, 328, 229-232.	2.1	27
110	Evolving Paradigms for Neuroprotection: Molecular Identification of Ischemic Penumbra. <i>Cerebrovascular Diseases</i> , 2006, 21, 71-79.	1.7	27
111	Prevalence of carotid stenosis and silent myocardial ischemia in asymptomatic subjects with a low ankle-brachial index. <i>Journal of Vascular Surgery</i> , 2009, 49, 104-108.	1.1	27
112	External Validation of the SEDAN Score for Prediction of Intracerebral Hemorrhage in Stroke Thrombolysis. <i>Stroke</i> , 2013, 44, 1595-1600.	2.0	27
113	Obesity Paradox in Ischemic Stroke: Clinical and Molecular Insights. <i>Translational Stroke Research</i> , 2019, 10, 639-649.	4.2	27
114	High Serum Levels of Pro-Brain Natriuretic Peptide (pro BNP) Identify Cardioembolic Origin in Undetermined Stroke. <i>Disease Markers</i> , 2009, 26, 189-195.	1.3	26
115	Glutamate oxaloacetate transaminase: A new key in the dysregulation of glutamate in migraine patients. <i>Cephalalgia</i> , 2013, 33, 1148-1154.	3.9	26
116	Blood Glutamate Grabbing Does Not Reduce the Hematoma in an Intracerebral Hemorrhage Model but it is a Safe Excitotoxic Treatment Modality. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1206-1212.	4.3	26
117	Serum Amino Acid Levels after Permanent Middle Cerebral Artery Occlusion in the Rat. <i>Cerebrovascular Diseases</i> , 2000, 10, 449-454.	1.7	25
118	Neuroprotective effect of neuroserpin in rat primary cortical cultures after oxygen and glucose deprivation and tPA. <i>Neurochemistry International</i> , 2011, 58, 337-343.	3.8	25
119	Association between neuroserpin and molecular markers of brain damage in patients with acute ischemic stroke. <i>Journal of Translational Medicine</i> , 2011, 9, 58.	4.4	25
120	High Blood Pressure and Inflammation Are Associated with Poor Prognosis in Lacunar Infarctions. <i>Cerebrovascular Diseases</i> , 2006, 22, 123-129.	1.7	24
121	Neuroprotection afforded by antagonists of endothelin-1 receptors in experimental stroke. <i>Neuropharmacology</i> , 2012, 63, 1279-1285.	4.1	24
122	Vectorized nanodelivery systems for ischemic stroke: a concept and a need. <i>Journal of Nanobiotechnology</i> , 2017, 15, 30.	9.1	24
123	CM352 Reduces Brain Damage and Improves Functional Recovery in a Rat Model of Intracerebral Hemorrhage. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	24
124	Hyperthermia in Human Ischemic and Hemorrhagic Stroke: Similar Outcome, Different Mechanisms. <i>PLoS ONE</i> , 2013, 8, e78429.	2.5	24
125	Platelet-Rich Plasma Serotonin Levels in Tension-Type Headache and Depression. <i>Cephalalgia</i> , 1993, 13, 346-348.	3.9	23
126	Endovascular treatment of an acutely ruptured intracranial aneurysm in pregnancy: report of eight cases. <i>Emergency Radiology</i> , 2010, 17, 205-207.	1.8	23



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127	Value of Carotid Intima-Media Thickness and Significant Carotid Stenosis as Markers of Stroke Recurrence. <i>Stroke</i> , 2011, 42, 3099-3104.	2.0	23
128	The natural tissue plasminogen activator inhibitor neuroserpin and acute ischaemic stroke outcome. <i>Thrombosis and Haemostasis</i> , 2011, 105, 421-429.	3.4	22
129	Oxidative stress markers are associated to vascular recurrence in non-cardioembolic stroke patients non-treated with statins. <i>BMC Neurology</i> , 2012, 12, 65.	1.8	22
130	Influence of the separation procedure on the properties of magnetic nanoparticles: Gaining in vitro stability and T1â€”T2 magnetic resonance imaging performance. <i>Journal of Colloid and Interface Science</i> , 2016, 472, 229-236.	9.4	22
131	Proteomic analysis shows differential protein expression in endothelial progenitor cells between healthy subjects and ischemic stroke patients. <i>Neurological Research</i> , 2011, 33, 1057-1063.	1.3	21
132	The ARTICO study: identification of patients at high risk of vascular recurrence after a first non-cardioembolic stroke. <i>BMC Neurology</i> , 2015, 15, 28.	1.8	21
133	Protective Effects and Magnetic Resonance Imaging Temperature Mapping of Systemic and Focal Hypothermia in Cerebral Ischemia. <i>Stroke</i> , 2016, 47, 2386-2396.	2.0	21
134	In vivo ultrasound-activated delivery of recombinant tissue plasminogen activator from the cavity of sub-micrometric capsules. <i>Journal of Controlled Release</i> , 2019, 308, 162-171.	9.9	21
135	Blood glutamate EAAT2-cell grabbing therapy in cerebral ischemia. <i>EBioMedicine</i> , 2019, 39, 118-131.	6.1	21
136	Potential Mechanisms of Worsening. <i>Cerebrovascular Diseases</i> , 1997, 7, 19-24.	1.7	20
137	Headache in Cerebral Hemorrhage Is Associated With Inflammatory Markers and Higher Residual Cavity. <i>Headache</i> , 2005, 45, 1236-1243.	3.9	20
138	Age Determines the Effects of Blood Pressure Lowering During the Acute Phase of Ischemic Stroke. <i>Hypertension</i> , 2009, 54, 769-774.	2.7	20
139	CDP-choline treatment increases circulating endothelial progenitor cells in acute ischemic stroke. <i>Neurological Research</i> , 2011, 33, 572-577.	1.3	20
140	A higher body temperature is associated with haemorrhagic transformation in patients with acute stroke untreated with recombinant tissue-type plasminogen activator (rtPA). <i>Clinical Science</i> , 2012, 122, 113-119.	4.3	20
141	Major advances in the treatment of stroke. <i>Nature Reviews Neurology</i> , 2013, 9, 68-70.	10.1	20
142	Light-Emitting Diode Photobiomodulation After Cerebral Ischemia. <i>Frontiers in Neurology</i> , 2019, 10, 911.	2.4	20
143	Periodontitis as a risk indicator and predictor of poor outcome for lacunar infarct. <i>Journal of Clinical Periodontology</i> , 2019, 46, 20-30.	4.9	20
144	Association of growth factors with arterial recanalization and clinical outcome in patients with ischemic stroke treated with tPA. <i>Journal of Thrombosis and Haemostasis</i> , 2010, 8, 1567-1574.	3.8	19

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145	Alcohol exposure“induced neurovascular inflammatory priming impacts ischemic stroke and is linked with brain perivascular macrophages. JCI Insight, 2020, 5, .	5.0	19
146	Stroke with polyvascular atherothrombotic disease. Atherosclerosis, 2010, 208, 587-592.	0.8	18
147	Neuroprotection or Increased Brain Damage Mediated by Temperature in Stroke Is Time Dependent. PLoS ONE, 2012, 7, e30700.	2.5	18
148	Interleukin-10 facilitates the selection of patients for systemic thrombolysis. BMC Neurology, 2013, 13, 62.	1.8	18
149	Endothelial progenitor cells as a therapeutic option in intracerebral hemorrhage. Neural Regeneration Research, 2017, 12, 558.	3.0	18
150	Glutamate Is a Marker for Cerebral Ischemia in Cortical but Not Deep Infarcts. Cerebrovascular Diseases, 1997, 7, 245-250.	1.7	17
151	Neuroplasticity and Cellular Therapy in Cerebral Infarction. Cerebrovascular Diseases, 2007, 24, 167-180.	1.7	17
152	The effect of simvastatin on the proteome of detergent-resistant membrane domains: Decreases of specific proteins previously related to cytoskeleton regulation, calcium homeostasis and cell fate. Proteomics, 2010, 10, 1954-1965.	2.2	17
153	NT-pro-BNP: A novel predictor of stroke risk after transient ischemic attack. International Journal of Cardiology, 2020, 298, 93-97.	1.7	17
154	Single-Nucleotide Polymorphism <i>309T>G</i> in the <i>MDM2</i> Promoter Determines Functional Outcome After Stroke. Stroke, 2018, 49, 2437-2444.	2.0	16
155	Multifunctional Superparamagnetic Stiff Nanoreservoirs for Blood Brain Barrier Applications. Nanomaterials, 2019, 9, 449.	4.1	16
156	Association of High Serum Levels of Growth Factors with Good Outcome in Ischemic Stroke: a Multicenter Study. Translational Stroke Research, 2020, 11, 653-663.	4.2	16
157	Study of Protein Expression in Peri-Infarct Tissue after Cerebral Ischemia. Scientific Reports, 2015, 5, 12030.	3.3	15
158	Cold stress protein RBM3 responds to hypothermia and is associated with good stroke outcome. Brain Communications, 2020, 2, fcaa078.	3.3	15
159	Review: Statins and stroke. Therapeutic Advances in Cardiovascular Disease, 2008, 2, 157-166.	2.1	14
160	Endothelial Progenitor Cells and Vascular Alterations in Alzheimer’s Disease. Frontiers in Aging Neuroscience, 2021, 13, 811210.	3.4	14
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