

Jose Alvarez-Sabin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208
papers

11,493
citations

56
h-index

99
g-index

223
ext. papers

12,941
ext. citations

5.5
avg, IF

5.68
L-index

#	Paper	IF	Citations
208	Ultrasound-enhanced systemic thrombolysis for acute ischemic stroke. <i>New England Journal of Medicine</i> , 2004 , 351, 2170-8	59.2	859
207	Matrix metalloproteinase-9 pretreatment level predicts intracranial hemorrhagic complications after thrombolysis in human stroke. <i>Circulation</i> , 2003 , 107, 598-603	16.7	439
206	Microbubble administration accelerates clot lysis during continuous 2-MHz ultrasound monitoring in stroke patients treated with intravenous tissue plasminogen activator. <i>Stroke</i> , 2006 , 37, 425-9	6.7	374
205	Increased brain expression of matrix metalloproteinase-9 after ischemic and hemorrhagic human stroke. <i>Stroke</i> , 2006 , 37, 1399-406	6.7	321
204	Tandem internal carotid artery/middle cerebral artery occlusion: an independent predictor of poor outcome after systemic thrombolysis. <i>Stroke</i> , 2006 , 37, 2301-5	6.7	282
203	Etiologic diagnosis of ischemic stroke subtypes with plasma biomarkers. <i>Stroke</i> , 2008 , 39, 2280-7	6.7	234
202	Effects of admission hyperglycemia on stroke outcome in reperfused tissue plasminogen activator--treated patients. <i>Stroke</i> , 2003 , 34, 1235-41	6.7	196
201	Thrombolysis-related hemorrhagic infarction: a marker of early reperfusion, reduced infarct size, and improved outcome in patients with proximal middle cerebral artery occlusion. <i>Stroke</i> , 2002 , 33, 1551-6	6.7	194
200	Improving the predictive accuracy of recanalization on stroke outcome in patients treated with tissue plasminogen activator. <i>Stroke</i> , 2004 , 35, 151-6	6.7	185
199	Temporal profile of matrix metalloproteinases and their inhibitors after spontaneous intracerebral hemorrhage: relationship to clinical and radiological outcome. <i>Stroke</i> , 2004 , 35, 1316-22	6.7	179
198	Patterns and predictors of early risk of recurrence after transient ischemic attack with respect to etiologic subtypes. <i>Stroke</i> , 2007 , 38, 3225-9	6.7	177
197	Higher risk of further vascular events among transient ischemic attack patients with diffusion-weighted imaging acute ischemic lesions. <i>Stroke</i> , 2004 , 35, 2313-9	6.7	176
196	Citicoline in the treatment of acute ischaemic stroke: an international, randomised, multicentre, placebo-controlled study (ICTUS trial). <i>Lancet, The</i> , 2012 , 380, 349-57	40	171
195	Predictors of early arterial reocclusion after tissue plasminogen activator-induced recanalization in acute ischemic stroke. <i>Stroke</i> , 2005 , 36, 1452-6	6.7	168
194	Oral citicoline in acute ischemic stroke: an individual patient data pooling analysis of clinical trials. <i>Stroke</i> , 2002 , 33, 2850-7	6.7	168
193	Differential pattern of tissue plasminogen activator-induced proximal middle cerebral artery recanalization among stroke subtypes. <i>Stroke</i> , 2004 , 35, 486-90	6.7	166
192	Acute hyperglycemia state is associated with lower tPA-induced recanalization rates in stroke patients. <i>Stroke</i> , 2005 , 36, 1705-9	6.7	164

191	Factors influencing haemorrhagic transformation in ischaemic stroke. <i>Lancet Neurology, The</i> , 2013 , 12, 689-705	24.1	154
190	C-reactive protein predicts further ischemic events in first-ever transient ischemic attack or stroke patients with intracranial large-artery occlusive disease. <i>Stroke</i> , 2003 , 34, 2463-8	6.7	144
189	Matrix metalloproteinase-9 concentration after spontaneous intracerebral hemorrhage. <i>Journal of Neurosurgery</i> , 2003 , 99, 65-70	3.2	136
188	Prediction of early neurological deterioration using diffusion- and perfusion-weighted imaging in hyperacute middle cerebral artery ischemic stroke. <i>Stroke</i> , 2002 , 33, 2197-203	6.7	133
187	A matrix metalloproteinase protein array reveals a strong relation between MMP-9 and MMP-13 with diffusion-weighted image lesion increase in human stroke. <i>Stroke</i> , 2005 , 36, 1415-20	6.7	132
186	Hyperacute ischemic stroke: middle cerebral artery susceptibility sign at echo-planar gradient-echo MR imaging. <i>Radiology</i> , 2004 , 232, 466-73	20.5	125
185	Impact of admission hyperglycemia on stroke outcome after thrombolysis: risk stratification in relation to time to reperfusion. <i>Stroke</i> , 2004 , 35, 2493-8	6.7	120
184	Safety and efficacy of intravenous tissue plasminogen activator stroke treatment in the 3- to 6-hour window using multimodal transcranial Doppler/MRI selection protocol. <i>Stroke</i> , 2005 , 36, 602-6	6.7	115
183	Comparison of triflusal and aspirin for prevention of vascular events in patients after cerebral infarction: the TACIP Study: a randomized, double-blind, multicenter trial. <i>Stroke</i> , 2003 , 34, 840-8	6.7	113
182	Temporal profile of recanalization after intravenous tissue plasminogen activator: selecting patients for rescue reperfusion techniques. <i>Stroke</i> , 2006 , 37, 1000-4	6.7	106
181	Plasmatic level of neuroinflammatory markers predict the extent of diffusion-weighted image lesions in hyperacute stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003 , 23, 1403-7	7.3	106
180	Elevated serum S100B levels indicate a higher risk of hemorrhagic transformation after thrombolytic therapy in acute stroke. <i>Stroke</i> , 2007 , 38, 2491-5	6.7	104
179	Simvastatin in the acute phase of ischemic stroke: a safety and efficacy pilot trial. <i>European Journal of Neurology</i> , 2008 , 15, 82-90	6	103
178	Admission fibrinolytic profile is associated with symptomatic hemorrhagic transformation in stroke patients treated with tissue plasminogen activator. <i>Stroke</i> , 2004 , 35, 2123-7	6.7	99
177	Impact of blood pressure changes and course on hematoma growth in acute intracerebral hemorrhage. <i>European Journal of Neurology</i> , 2013 , 20, 1277-83	6	97
176	Difficult catheter access to the occluded vessel during endovascular treatment of acute ischemic stroke is associated with worse clinical outcome. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5 Suppl 1, i70-3	7.8	94
175	Diffusion-weighted MR imaging in the acute phase of transient ischemic attacks. <i>American Journal of Neuroradiology</i> , 2002 , 23, 77-83	4.4	90
174	Thrombin-activable fibrinolysis inhibitor levels in the acute phase of ischemic stroke. <i>Stroke</i> , 2003 , 34, 1038-40	6.7	88

173	Headache: A striking prodromal and persistent symptom, predictive of COVID-19 clinical evolution. <i>Cephalalgia</i> , 2020 , 40, 1410-1421	6.1	86
172	A large screening of angiogenesis biomarkers and their association with neurological outcome after ischemic stroke. <i>Atherosclerosis</i> , 2011 , 216, 205-11	3.1	84
171	Serum values of metalloproteinase-2 and metalloproteinase-9 as related to unstable plaque and inflammatory cells in patients with greater than 70% carotid artery stenosis. <i>Journal of Vascular Surgery</i> , 2004 , 40, 469-75	3.5	84
170	Vascular MMP-9/TIMP-2 and neuronal MMP-10 up-regulation in human brain after stroke: a combined laser microdissection and protein array study. <i>Journal of Proteome Research</i> , 2009 , 8, 3191-7	5.6	83
169	Intraplaque MMP-8 levels are increased in asymptomatic patients with carotid plaque progression on ultrasound. <i>Atherosclerosis</i> , 2006 , 187, 161-9	3.1	80
168	Monitoring intracranial pressure in patients with malignant middle cerebral artery infarction: is it useful?. <i>Journal of Neurosurgery</i> , 2010 , 112, 648-57	3.2	78
167	Progression of symptomatic intracranial large artery atherosclerosis is associated with a proinflammatory state and impaired fibrinolysis. <i>Stroke</i> , 2008 , 39, 1456-63	6.7	78
166	Poststroke C-reactive protein is a powerful prognostic tool among candidates for thrombolysis. <i>Stroke</i> , 2006 , 37, 1205-10	6.7	78
165	Hyperglycemia during ischemia rapidly accelerates brain damage in stroke patients treated with tPA. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007 , 27, 1616-22	7.3	77
164	Recanalization and reperfusion therapies for acute ischemic stroke. <i>Cerebrovascular Diseases</i> , 2009 , 27 Suppl 1, 162-7	3.2	76
163	Extending the time window for endovascular procedures according to collateral pial circulation. <i>Stroke</i> , 2011 , 42, 3465-9	6.7	75
162	Admission fibrinolytic profile predicts clot lysis resistance in stroke patients treated with tissue plasminogen activator. <i>Thrombosis and Haemostasis</i> , 2004 , 91, 1146-51	7	72
161	Cost-effectiveness of dabigatran for stroke prevention in non-valvular atrial fibrillation in Spain. <i>Revista Espanola De Cardiologia</i> , 2012 , 65, 901-10	1.5	67
160	Prior statin use may be associated with improved stroke outcome after tissue plasminogen activator. <i>Stroke</i> , 2007 , 38, 1076-8	6.7	66
159	Admission CT perfusion may overestimate initial infarct core: the ghost infarct core concept. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 66-69	7.8	63
158	Mobilization, endothelial differentiation and functional capacity of endothelial progenitor cells after ischemic stroke. <i>Microvascular Research</i> , 2010 , 80, 317-23	3.7	63
157	Bridging intravenous-intra-arterial rescue strategy increases recanalization and the likelihood of a good outcome in nonresponder intravenous tissue plasminogen activator-treated patients: a case-control study. <i>Stroke</i> , 2011 , 42, 993-7	6.7	62
156	Oxidative stress after thrombolysis-induced reperfusion in human stroke. <i>Stroke</i> , 2010 , 41, 653-60	6.7	62

155	Citicoline in vascular cognitive impairment and vascular dementia after stroke. <i>Stroke</i> , 2011 , 42, S40-3	6.7	60
154	Plasma VAP-1/SSAO activity predicts intracranial hemorrhages and adverse neurological outcome after tissue plasminogen activator treatment in stroke. <i>Stroke</i> , 2010 , 41, 1528-35	6.7	59
153	Stroke and multi-infarct dementia as presenting symptoms of giant cell arteritis: report of 7 cases and review of the literature. <i>Medicine (United States)</i> , 2008 , 87, 335-344	1.8	56
152	Mutational analysis of the Cu/Zn superoxide dismutase gene in a Catalan ALS population: should all sporadic ALS cases also be screened for SOD1?. <i>Journal of the Neurological Sciences</i> , 2006 , 247, 21-8	3.2	56
151	Inflammation markers and prediction of post-stroke vascular disease recurrence: the MITICO study. <i>Journal of Neurology</i> , 2009 , 256, 217-24	5.5	55
150	MMP-2/MMP-9 plasma level and brain expression in cerebral amyloid angiopathy-associated hemorrhagic stroke. <i>Brain Pathology</i> , 2012 , 22, 133-41	6	54
149	Outcomes of a contemporary cohort of 536 consecutive patients with acute ischemic stroke treated with endovascular therapy. <i>Stroke</i> , 2014 , 45, 1046-52	6.7	54
148	Long-term treatment with citicoline may improve poststroke vascular cognitive impairment. <i>Cerebrovascular Diseases</i> , 2013 , 35, 146-54	3.2	54
147	MRI findings in aphasic status epilepticus. <i>Epilepsia</i> , 2008 , 49, 1465-9	6.4	53
146	Plasma S100B level after acute spontaneous intracerebral hemorrhage. <i>Stroke</i> , 2006 , 37, 2837-9	6.7	53
145	Association of a genetic variant in the ALOX5AP with higher risk of ischemic stroke: a case-control, meta-analysis and functional study. <i>Cerebrovascular Diseases</i> , 2010 , 29, 528-37	3.2	51
144	Safety profile of tissue plasminogen activator treatment among stroke patients carrying a common polymorphism (C-1562T) in the promoter region of the matrix metalloproteinase-9 gene. <i>Stroke</i> , 2003 , 34, 2851-5	6.7	50
143	Left atria strain is a surrogate marker for detection of atrial fibrillation in cryptogenic strokes. <i>Stroke</i> , 2014 , 45, e164-6	6.7	49
142	Serum low-density lipoprotein cholesterol level predicts hematoma growth and clinical outcome after acute intracerebral hemorrhage. <i>Stroke</i> , 2011 , 42, 2447-52	6.7	48
141	Transcranial Doppler monitoring of transcervical carotid stenting with flow reversal protection: a novel carotid revascularization technique. <i>Stroke</i> , 2006 , 37, 2846-9	6.7	48
140	Differentiating ischemic from hemorrhagic stroke using plasma biomarkers: the S100B/RAGE pathway. <i>Journal of Proteomics</i> , 2012 , 75, 4758-65	3.9	47
139	Lack of evidence for arterial ischemia in transient global amnesia. <i>Stroke</i> , 2008 , 39, 476-9	6.7	47
138	Do bubble characteristics affect recanalization in stroke patients treated with microbubble-enhanced sonothrombolysis?. <i>Ultrasound in Medicine and Biology</i> , 2008 , 34, 1573-7	3.5	47

137	Role of fibrinogen levels and factor XIII V34L polymorphism in thrombolytic therapy in stroke patients. <i>Stroke</i> , 2006 , 37, 2288-93	6.7	47
136	Diagnosis and quantification of patent foramen ovale. Which is the reference technique? Simultaneous study with transcranial Doppler, transthoracic and transesophageal echocardiography. <i>Revista Espanola De Cardiologia</i> , 2011 , 64, 133-9	1.5	46
135	Influence of thrombin-activatable fibrinolysis inhibitor and plasminogen activator inhibitor-1 gene polymorphisms on tissue-type plasminogen activator-induced recanalization in ischemic stroke patients. <i>Journal of Thrombosis and Haemostasis</i> , 2007 , 5, 1862-8	15.4	44
134	Transcranial duplex sonography for monitoring hyperacute intracerebral hemorrhage. <i>Stroke</i> , 2009 , 40, 987-90	6.7	43
133	A panel of biomarkers including caspase-3 and D-dimer may differentiate acute stroke from stroke-mimicking conditions in the emergency department. <i>Journal of Internal Medicine</i> , 2011 , 270, 166-74	10.8	42
132	Angiogenesis in symptomatic intracranial atherosclerosis: predominance of the inhibitor endostatin is related to a greater extent and risk of recurrence. <i>Stroke</i> , 2005 , 36, 92-7	6.7	42
131	Silent myocardial ischemia in patients with symptomatic intracranial atherosclerosis: associated factors. <i>Stroke</i> , 2005 , 36, 1201-6	6.7	42
130	The role of citicoline in neuroprotection and neurorepair in ischemic stroke. <i>Brain Sciences</i> , 2013 , 3, 1395-414	5.4	41
129	Speed of tPA-induced clot lysis predicts DWI lesion evolution in acute stroke. <i>Stroke</i> , 2007 , 38, 955-60	6.7	40
128	Impact of a telemedicine system on acute stroke care in a community hospital. <i>Journal of Telemedicine and Telecare</i> , 2009 , 15, 260-3	6.8	39
127	Determinants of Informal Care, Burden, and Risk of Burnout in Caregivers of Stroke Survivors: The CONOCES Study. <i>Stroke</i> , 2018 , 49, 140-146	6.7	39
126	Headache, comorbidities and lifestyle in an adolescent population (The TEENs Study). <i>Cephalalgia</i> , 2019 , 39, 91-99	6.1	38
125	Impact of time to treatment on tissue-type plasminogen activator-induced recanalization in acute ischemic stroke. <i>Stroke</i> , 2014 , 45, 2734-8	6.7	38
124	Baseline National Institutes of Health stroke scale-adjusted time window for intravenous tissue-type plasminogen activator in acute ischemic stroke. <i>Stroke</i> , 2014 , 45, 1059-63	6.7	38
123	Mechanical Thrombectomy in and Outside the REVASCAT Trial: Insights From a Concurrent Population-Based Stroke Registry. <i>Stroke</i> , 2015 , 46, 3437-42	6.7	36
122	VAP-1/SSAO plasma activity and brain expression in human hemorrhagic stroke. <i>Cerebrovascular Diseases</i> , 2012 , 33, 55-63	3.2	36
121	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, 1984-96	2.8	36
120	Economic impact of patients admitted to stroke units in Spain. <i>European Journal of Health Economics</i> , 2017 , 18, 449-458	3.6	35

119	Age-adjusted infarct volume threshold for good outcome after endovascular treatment. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 418-22	7.8	35
118	Caspase-3 is related to infarct growth after human ischemic stroke. <i>Neuroscience Letters</i> , 2008 , 430, 1-6	3.3	35
117	C-reactive protein predicts further ischemic events in transient ischemic attack patients. <i>Acta Neurologica Scandinavica</i> , 2007 , 115, 60-6	3.8	35
116	Absence of usefulness of ABCD score in the early risk of stroke of transient ischemic attack patients. <i>Stroke</i> , 2007 , 38, 855-6; author reply 857	6.7	35
115	Transcervical carotid stenting with flow reversal protection: experience in high-risk patients. <i>Journal of Vascular Surgery</i> , 2007 , 46, 49-54	3.5	35
114	Trevo versus solitaire a head-to-head comparison between two heavy weights of clot retrieval. <i>Journal of Neuroimaging</i> , 2014 , 24, 167-70	2.8	34
113	Is it time to reassess the SITS-MOST criteria for thrombolysis?: A comparison of patients with and without SITS-MOST exclusion criteria. <i>Stroke</i> , 2009 , 40, 2568-71	6.7	34
112	Fas system activation in perihematomal areas after spontaneous intracerebral hemorrhage. <i>Stroke</i> , 2008 , 39, 1730-4	6.7	34
111	Basic mechanisms in intracranial large-artery atherosclerosis: advances and challenges. <i>Cerebrovascular Diseases</i> , 2005 , 20 Suppl 2, 75-83	3.2	34
110	Transcervical carotid stenting with flow reversal is a safe technique for high-risk patients older than 70 years. <i>Journal of Vascular Surgery</i> , 2012 , 55, 978-84	3.5	33
109	Arterial Stiffness Is Associated With Basal Ganglia Enlarged Perivascular Spaces and Cerebral Small Vessel Disease Load. <i>Stroke</i> , 2018 , 49, 1279-1281	6.7	32
108	Accuracy of serial National Institutes of Health Stroke Scale scores to identify artery status in acute ischemic stroke. <i>Circulation</i> , 2007 , 115, 2660-5	16.7	32
107	Triflusal for preventing serious vascular events in people at high risk. <i>The Cochrane Library</i> , 2005 , CD004326	3.2	32
106	Thrombolysis in anterior versus posterior circulation strokes: timing of recanalization, ischemic tolerance, and other differences. <i>Journal of Neuroimaging</i> , 2011 , 21, 108-12	2.8	31
105	Intra-arterial administration of microbubbles and continuous 2-MHz ultrasound insonation to enhance intra-arterial thrombolysis. <i>Journal of Neuroimaging</i> , 2010 , 20, 224-7	2.8	31
104	Mitral papillary fibroelastoma as a cause of cardiogenic embolic stroke: report of two cases and review of the literature. <i>European Journal of Neurology</i> , 2000 , 7, 449-53	6	31
103	Plasma Amyloid levels in cerebral amyloid angiopathy-associated hemorrhagic stroke. <i>Neurodegenerative Diseases</i> , 2012 , 10, 320-3	2.3	30
102	Outcomes of intravenous thrombolysis after dissemination of the stroke code and designation of new referral hospitals in Catalonia: the Catalan Stroke Code and Thrombolysis (Cat-SCT) Monitored Study. <i>Stroke</i> , 2011 , 42, 2001-6	6.7	30

101	Stroke patients with cardiac atrial septal abnormalities: differential infarct patterns on DWI. <i>Journal of Neuroimaging</i> , 2006 , 16, 334-40	2.8	30
100	Migraine with aura related to the percutaneous closure of an atrial septal defect. <i>Catheterization and Cardiovascular Interventions</i> , 2003 , 60, 540-2	2.7	30
99	Investigating silent strokes in hypertensives: a magnetic resonance imaging study (ISSYS): rationale and protocol design. <i>BMC Neurology</i> , 2013 , 13, 130	3.1	29
98	Biomarker level improves the diagnosis of embolic source in ischemic stroke of unknown origin. <i>Journal of Neurology</i> , 2012 , 259, 2538-45	5.5	29
97	Impact of telemedicine on acute management of stroke patients undergoing endovascular procedures. <i>Cerebrovascular Diseases</i> , 2012 , 34, 436-42	3.2	29
96	Lipoprotein-associated phospholipase A(2) activity is associated with large-artery atherosclerotic etiology and recurrent stroke in TIA patients. <i>Cerebrovascular Diseases</i> , 2012 , 33, 150-8	3.2	29
95	Transcervical carotid stenting with flow reversal is safe in octogenarians: a preliminary safety study. <i>Journal of Vascular Surgery</i> , 2008 , 47, 96-100	3.5	29
94	Citicoline in intracerebral haemorrhage: a double-blind, randomized, placebo-controlled, multi-centre pilot study. <i>Cerebrovascular Diseases</i> , 2006 , 21, 380-5	3.2	29
93	Comparison of the impact of atrial fibrillation on the risk of early death after stroke in women versus men. <i>Journal of Neurology</i> , 2006 , 253, 1484-9	5.5	28
92	Selecting the target and the message for a stroke public education campaign: a local survey conducted by neurologists. <i>European Journal of Epidemiology</i> , 2001 , 17, 581-6	12.1	28
91	Differentiated clinical presentation of early and late-onset Alzheimer's disease: is 65 years of age providing a reliable threshold?. <i>Journal of Neurology</i> , 2015 , 262, 1238-46	5.5	27
90	Predictors of tissue-type plasminogen activator nonresponders according to location of vessel occlusion. <i>Stroke</i> , 2012 , 43, 417-21	6.7	27
89	Brain natriuretic peptide is associated with worsening and mortality in acute stroke patients but adds no prognostic value to clinical predictors of outcome. <i>Cerebrovascular Diseases</i> , 2012 , 34, 240-5	3.2	27
88	Timing of recanalization after microbubble-enhanced intravenous thrombolysis in basilar artery occlusion. <i>Stroke</i> , 2007 , 38, 2931-4	6.7	27
87	PATJ Low Frequency Variants Are Associated With Worse Ischemic Stroke Functional Outcome. <i>Circulation Research</i> , 2019 , 124, 114-120	15.7	27
86	Outcomes measured by mortality rates, quality of life and degree of autonomy in the first year in stroke units in Spain. <i>Health and Quality of Life Outcomes</i> , 2015 , 13, 36	3	26
85	Geographic differences in acute stroke care in Catalunya: impact of a regional interhospital network. <i>Cerebrovascular Diseases</i> , 2008 , 26, 284-8	3.2	25
84	Recurrent transient ischaemic attack and early risk of stroke: data from the PROMAPA study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 596-603	5.5	24

83	Trevo System: single-center experience with a novel mechanical thrombectomy device. <i>Journal of Neuroimaging</i> , 2013 , 23, 7-11	2.8	23
82	Quantitative evaluation of striatal I-123-FP-CIT uptake in essential tremor and parkinsonism. <i>Clinical Nuclear Medicine</i> , 2011 , 36, 991-6	1.7	22
81	C-reactive protein gene C1444T polymorphism and risk of recurrent ischemic events in patients with symptomatic intracranial atherostenoses. <i>Cerebrovascular Diseases</i> , 2009 , 28, 95-102	3.2	22
80	Therapeutic interventions and success in risk factor control for secondary prevention of stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2009 , 18, 460-5	2.8	22
79	ACE gene polymorphisms influence t-PA-induced brain vessel reopening following ischemic stroke. <i>Neuroscience Letters</i> , 2006 , 398, 167-71	3.3	22
78	ACE variants and risk of intracerebral hemorrhage recurrence in amyloid angiopathy. <i>Neurobiology of Aging</i> , 2011 , 32, 551.e13-22	5.6	21
77	Long-term safety and effectiveness of levodopa-carbidopa intestinal gel infusion. <i>Brain and Behavior</i> , 2017 , 7, e00758	3.4	20
76	Osteopontin predicts long-term functional outcome among ischemic stroke patients. <i>Journal of Neurology</i> , 2011 , 258, 486-93	5.5	20
75	Prevalence and associated factors of silent brain infarcts in a Mediterranean cohort of hypertensives. <i>Hypertension</i> , 2014 , 64, 658-63	8.5	19
74	Lipoprotein-associated phospholipase A2 testing usefulness among patients with symptomatic intracranial atherosclerotic disease. <i>Atherosclerosis</i> , 2011 , 218, 181-7	3.1	19
73	Endogenous activated protein C predicts hemorrhagic transformation and mortality after tissue plasminogen activator treatment in stroke patients. <i>Cerebrovascular Diseases</i> , 2009 , 28, 143-50	3.2	19
72	Long-Term Treatment with Citicoline Prevents Cognitive Decline and Predicts a Better Quality of Life after a First Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 390	6.3	18
71	Candidate-gene association study searching for genetic factors involved in migraine chronification. <i>Cephalalgia</i> , 2015 , 35, 500-7	6.1	17
70	Stentrievors versus other endovascular treatment methods for acute stroke: comparison of procedural results and their relationship to outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 265-9	7.8	17
69	Cognitive improvement in patients with severe carotid artery stenosis after transcervical stenting with protective flow reversal. <i>Cerebrovascular Diseases</i> , 2013 , 35, 124-30	3.2	17
68	Decreased levels of angiogenic growth factors in intracranial atherosclerotic disease despite severity-related increase in endothelial progenitor cell counts. <i>Cerebrovascular Diseases</i> , 2013 , 35, 81-8	3.2	16
67	Genes involved in hemorrhagic transformations that follow recombinant t-PA treatment in stroke patients. <i>Pharmacogenomics</i> , 2013 , 14, 495-504	2.6	16
66	Reversible hemichorea associated with extracranial carotid artery stenosis. <i>Journal of the Neurological Sciences</i> , 2011 , 300, 185-6	3.2	16

65	Lower concentrations of thrombin-antithrombin complex (TAT) correlate to higher recanalisation rates among ischaemic stroke patients treated with t-PA. <i>Thrombosis and Haemostasis</i> , 2009 , 102, 759-64	7	16
64	The impact of post-stroke complications on in-hospital mortality depends on stroke severity. <i>European Stroke Journal</i> , 2017 , 2, 54-63	5.6	15
63	CD40-1C>T polymorphism (rs1883832) is associated with brain vessel reocclusion after fibrinolysis in ischemic stroke. <i>Pharmacogenomics</i> , 2010 , 11, 763-72	2.6	15
62	The I/D polymorphism of the ACE1 gene is not associated with ischaemic stroke in Spanish individuals. <i>European Journal of Neurology</i> , 2010 , 17, 1390-2	6	15
61	Headache in cerebral hemorrhage is associated with inflammatory markers and higher residual cavity. <i>Headache</i> , 2005 , 45, 1236-43	4.2	15
60	GRECOS Project (Genotyping Recurrence Risk of Stroke): The Use of Genetics to Predict the Vascular Recurrence After Stroke. <i>Stroke</i> , 2017 , 48, 1147-1153	6.7	12
59	Obstructive sleep apnea and silent cerebral infarction in hypertensive individuals. <i>Journal of Sleep Research</i> , 2018 , 27, 232-239	5.8	12
58	Role of the MMP9 gene in hemorrhagic transformations after tissue-type plasminogen activator treatment in stroke patients. <i>Stroke</i> , 2012 , 43, 1398-400	6.7	12
57	Immunological biomarkers improve the accuracy of clinical risk models of infection in the acute phase of ischemic stroke. <i>Cerebrovascular Diseases</i> , 2013 , 35, 220-7	3.2	12
56	Leukoaraiosis is associated with genes regulating blood-brain barrier homeostasis in ischaemic stroke patients. <i>European Journal of Neurology</i> , 2011 , 18, 826-35	6	12
55	Preferential effect of premorbid statins on atherothrombotic strokes through collateral circulation enhancement. <i>European Neurology</i> , 2012 , 68, 171-6	2.1	12
54	Cryptogenic stroke, aortic arch atheroma and patent foramen ovale. <i>Cerebrovascular Diseases</i> , 2007 , 24 Suppl 1, 84-8	3.2	12
53	Role of endogenous granulocyte-macrophage colony stimulating factor following stroke and relationship to neurological outcome. <i>Current Neurovascular Research</i> , 2009 , 6, 246-51	1.8	12
52	Blood biomarkers predictive of epilepsy after an acute stroke event. <i>Epilepsia</i> , 2020 , 61, 2244-2253	6.4	11
51	Parkinsonism related to Percheron artery infarct. <i>Journal of the Neurological Sciences</i> , 2017 , 373, 21-22	3.2	10
50	Assessment of enlarged perivascular spaces and their relation to target organ damage and mild cognitive impairment in patients with hypertension. <i>European Journal of Neurology</i> , 2016 , 23, 1044-50	6	10
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