# Hyo Suk Nam

#### List of Publications by Citations

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36 4,209 233 53 h-index g-index citations papers 255 5,207 4.5 5.44 L-index avg, IF ext. papers ext. citations

#	Paper	IF	Citations
233	Yonsei Stroke Registry. Analysis of 1,000 patients with acute cerebral infarctions. <i>Cerebrovascular Diseases</i> , <b>2001</b> , 12, 145-51	3.2	194
232	A randomized trial of mesenchymal stem cells in multiple system atrophy. <i>Annals of Neurology</i> , <b>2012</b> , 72, 32-40	9.4	172
231	Machine Learning-Based Model for Prediction of Outcomes in Acute Stroke. <i>Stroke</i> , <b>2019</b> , 50, 1263-12	<b>65</b> 6.7	112
230	Different prognostic value of white blood cell subtypes in patients with acute cerebral infarction. <i>Atherosclerosis</i> , <b>2012</b> , 222, 464-7	3.1	109
229	A new subtype classification of ischemic stroke based on treatment and etiologic mechanism. <i>European Neurology</i> , <b>2007</b> , 57, 96-102	2.1	102
228	Red blood cell distribution width is associated with poor clinical outcome in acute cerebral infarction. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 108, 349-56	7	91
227	Rescue Stenting for Failed Mechanical Thrombectomy in Acute Ischemic Stroke: A Multicenter Experience. <i>Stroke</i> , <b>2018</b> , 49, 958-964	6.7	85
226	Stenting as a Rescue Treatment After Failure of Mechanical Thrombectomy for Anterior Circulation Large Artery Occlusion. <i>Stroke</i> , <b>2016</b> , 47, 2360-3	6.7	85
225	Stroke awareness decreases prehospital delay after acute ischemic stroke in Korea. <i>BMC Neurology</i> , <b>2011</b> , 11, 2	3.1	84
224	Importance of truncal-type occlusion in stentriever-based thrombectomy for acute stroke. <i>Neurology</i> , <b>2016</b> , 87, 1542-1550	6.5	68
223	Increases in cerebral atherosclerosis according to CHADS2 scores in patients with stroke with nonvalvular atrial fibrillation. <i>Stroke</i> , <b>2011</b> , 42, 930-4	6.7	62
222	Outcomes of Endovascular Treatment for Acute Intracranial Atherosclerosis-Related Large Vessel Occlusion. <i>Stroke</i> , <b>2018</b> , 49, 2699-2705	6.7	60
221	Association of cerebral microbleeds with mortality in stroke patients having atrial fibrillation. <i>Neurology</i> , <b>2014</b> , 83, 1308-15	6.5	58
220	Serial brain SPECT images in a case of Sydenham chorea. <i>Archives of Neurology</i> , <b>1999</b> , 56, 237-40		57
219	The association between cerebral atherosclerosis and arterial stiffness in acute ischemic stroke. <i>Atherosclerosis</i> , <b>2011</b> , 219, 887-91	3.1	56
218	Frequency and significance of cardiac sources of embolism in the TOAST classification. <i>Cerebrovascular Diseases</i> , <b>2007</b> , 24, 463-8	3.2	55
217	Number of Stent Retriever Passes Associated With Futile Recanalization in Acute Stroke. <i>Stroke</i> , <b>2018</b> , 49, 2088-2095	6.7	54

216	Long-term mortality in patients with stroke of undetermined etiology. Stroke, 2012, 43, 2948-56	6.7	53
215	The frequency and risk of preclinical coronary artery disease detected using multichannel cardiac computed tomography in patients with ischemic stroke. <i>Cerebrovascular Diseases</i> , <b>2012</b> , 33, 286-94	3.2	50
214	Prediction of long-term outcome by percent improvement after the first day of thrombolytic treatment in stroke patients. <i>Journal of the Neurological Sciences</i> , <b>2009</b> , 281, 69-73	3.2	50
213	A computerized in-hospital alert system for thrombolysis in acute stroke. <i>Stroke</i> , <b>2010</b> , 41, 1978-83	6.7	50
212	Time-Dependent Thrombus Resolution After Tissue-Type Plasminogen Activator in Patients With Stroke and Mice. <i>Stroke</i> , <b>2015</b> , 46, 1877-82	6.7	49
211	Brachial-ankle pulse wave velocity is a strong predictor for mortality in patients with acute stroke. <i>Hypertension</i> , <b>2014</b> , 64, 240-6	8.5	48
210	Association of aortic plaque with intracranial atherosclerosis in patients with stroke. <i>Neurology</i> , <b>2006</b> , 67, 1184-8	6.5	45
209	Improved time intervals by implementation of computerized physician order entry-based stroke team approach. <i>Cerebrovascular Diseases</i> , <b>2007</b> , 23, 289-93	3.2	45
208	Histologic features of acute thrombi retrieved from stroke patients during mechanical reperfusion therapy. <i>International Journal of Stroke</i> , <b>2016</b> , 11, 1036-1044	6.3	45
207	Early neurological outcomes according to CHADS2 score in stroke patients with non-valvular atrial fibrillation. <i>European Journal of Neurology</i> , <b>2012</b> , 19, 284-90	6	44
206	Effect of cilostazol in acute lacunar infarction based on pulsatility index of transcranial Doppler (ECLIPse): a multicenter, randomized, double-blind, placebo-controlled trial. <i>European Neurology</i> , <b>2013</b> , 69, 33-40	2.1	43
205	The frequency of cerebral microbleeds increases with CHADS(2) scores in stroke patients with non-valvular atrial fibrillation. <i>European Journal of Neurology</i> , <b>2013</b> , 20, 502-508	6	43
204	Total Cerebral Small-Vessel Disease Score is Associated with Mortality during Follow-Up after Acute Ischemic Stroke. <i>Journal of Clinical Neurology (Korea</i> , <b>2017</b> , 13, 187-195	1.7	42
203	Mechanism of medullary infarction based on arterial territory involvement. <i>Journal of Clinical Neurology (Korea</i> , <b>2012</b> , 8, 116-22	1.7	40
202	Incidence of embolism associated with carotid artery stenting: open-cell versus closed-cell stents. Journal of Neurosurgery, <b>2013</b> , 119, 642-7	3.2	40
201	Interarm blood pressure difference and mortality in patients with acute ischemic stroke. <i>Neurology</i> , <b>2013</b> , 80, 1457-64	6.5	39
200	The distribution of cerebral microbleeds determines their association with arterial stiffness in non-cardioembolic acute stroke patients. <i>European Journal of Neurology</i> , <b>2014</b> , 21, 463-9	6	37
199	Gut Microbiota and Ischemic Stroke: The Role of Trimethylamine N-Oxide. <i>Journal of Stroke</i> , <b>2019</b> , 21, 151-159	5.6	37

198	Collateral status affects the onset-to-reperfusion time window for good outcome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, 903-909	5.5	36
197	Association between Aortic Atheroma and Cerebral Small Vessel Disease in Patients with Ischemic Stroke. <i>Journal of Stroke</i> , <b>2016</b> , 18, 312-320	5.6	36
196	Decreased expression of sirtuin 6 is associated with release of high mobility group box-1 after cerebral ischemia. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 438, 388-94	3.4	35
195	The different infarct patterns between adulthood-onset and childhood-onset moyamoya disease. Journal of Neurology, Neurosurgery and Psychiatry, <b>2011</b> , 82, 38-40	5.5	35
194	Clinical manifestations of cerebellar infarction according to specific lobular involvement. <i>Cerebellum</i> , <b>2010</b> , 9, 571-9	4.3	34
193	Stroke mechanism in patients with non-valvular atrial fibrillation according to the CHADS2 and CHA2 DS2 -VASc scores. <i>European Journal of Neurology</i> , <b>2012</b> , 19, 473-9	6	33
192	Serum alkaline phosphatase and phosphate in cerebral atherosclerosis and functional outcomes after cerebral infarction. <i>Stroke</i> , <b>2013</b> , 44, 3547-9	6.7	31
191	Effects of Mesenchymal Stem Cell Treatment on the Expression of Matrix Metalloproteinases and Angiogenesis during Ischemic Stroke Recovery. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144218	3.7	31
190	Balloon Guide Catheter Is Beneficial in Endovascular Treatment Regardless of Mechanical Recanalization Modality. <i>Stroke</i> , <b>2019</b> , 50, 1490-1496	6.7	30
189	Classic risk factors for atherosclerosis are not major determinants for location of extracranial or intracranial cerebral atherosclerosis. <i>Neuroepidemiology</i> , <b>2009</b> , 32, 201-7	5.4	29
188	Effect and Safety of Rosuvastatin in Acute Ischemic Stroke. <i>Journal of Stroke</i> , <b>2016</b> , 18, 87-95	5.6	29
187	Wingspan stenting for intracranial atherosclerotic stenosis: clinical outcomes and risk factors for in-stent restenosis. <i>Neurosurgery</i> , <b>2013</b> , 72, 596-604; discussion 604	3.2	28
186	Computed Tomography-Based Thrombus Imaging for the Prediction of Recanalization after Reperfusion Therapy in Stroke. <i>Journal of Stroke</i> , <b>2017</b> , 19, 40-49	5.6	27
185	Brachial-ankle pulse wave velocity for predicting functional outcome in acute stroke. <i>Stroke</i> , <b>2014</b> , 45, 2305-10	6.7	25
184	Association of plasma osteoprotegerin levels with stroke severity and functional outcome in acute ischaemic stroke patients. <i>Biomarkers</i> , <b>2012</b> , 17, 738-44	2.6	25
183	Predictive Value of Computed Tomography Angiography-Determined Occlusion Type in Stent Retriever Thrombectomy. <i>Stroke</i> , <b>2017</b> , 48, 2746-2752	6.7	24
182	Distribution of cerebral microbleeds determines their association with impaired kidney function. Journal of Clinical Neurology (Korea, <b>2014</b> , 10, 222-8	1.7	24
181	Cilostazol decreases cerebral arterial pulsatility in patients with mild white matter hyperintensities: subgroup analysis from the Effect of Cilostazol in Acute Lacunar Infarction Based on Pulsatility Index of Transcranial Doppler (ECLIPse) study. <i>Cerebrovascular Diseases</i> , <b>2014</b> , 38, 197-203	3.2	24

### (2016-2010)

180	Transoesophageal echocardiography in patients with acute stroke with sinus rhythm and no cardiac disease history. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, 412-5	5.5	24	
179	Nonalcoholic Fatty Liver Disease and Sarcopenia Are Independently Associated With Cardiovascular Risk. <i>American Journal of Gastroenterology</i> , <b>2020</b> , 115, 584-595	0.7	24	
178	Development of smartphone application that aids stroke screening and identifying nearby acute stroke care hospitals. <i>Yonsei Medical Journal</i> , <b>2014</b> , 55, 25-9	3	23	
177	Facilitating Stroke Management using Modern Information Technology. <i>Journal of Stroke</i> , <b>2013</b> , 15, 13	5- <del>4</del> .8	23	
176	Quality of Anticoagulation with Warfarin in Korean Patients with Atrial Fibrillation and Prior Stroke: A Multicenter Retrospective Observational Study. <i>Journal of Clinical Neurology (Korea</i> , <b>2017</b> , 13, 273-28)	30 <sup>1.7</sup>	22	
175	Thrombus Volume as a Predictor of Nonrecanalization After Intravenous Thrombolysis in Acute Stroke. <i>Stroke</i> , <b>2018</b> , 49, 2108-2115	6.7	22	
174	Low ankle-brachial index is an independent predictor of poor functional outcome in acute cerebral infarction. <i>Atherosclerosis</i> , <b>2012</b> , 224, 113-7	3.1	22	
173	Mechanism of infarction involving ipsilateral carotid and posterior cerebral artery territories. <i>Cerebrovascular Diseases</i> , <b>2007</b> , 24, 445-51	3.2	22	
172	Effect of Cumulative Case Volume on Procedural and Clinical Outcomes in Endovascular Thrombectomy. <i>Stroke</i> , <b>2019</b> , 50, 1178-1183	6.7	21	
171	Predictive value of thrombus volume for recanalization in stent retriever thrombectomy. <i>Scientific Reports</i> , <b>2017</b> , 7, 15938	4.9	21	
170	Safety and outcome after thrombolytic treatment in ischemic stroke patients with high-risk cardioembolic sources and prior subtherapeutic warfarin use. <i>Journal of the Neurological Sciences</i> , <b>2010</b> , 298, 101-5	3.2	21	
169	Stroke severity in concomitant cardiac sources of embolism in patients with atrial fibrillation. <i>Journal of the Neurological Sciences</i> , <b>2010</b> , 298, 23-7	3.2	21	
168	Evaluation of Diffusion Lesion Volume Measurements in Acute Ischemic Stroke Using Encoder-Decoder Convolutional Network. <i>Stroke</i> , <b>2019</b> , 50, 1444-1451	6.7	20	
167	Increasing frequency and burden of cerebral artery atherosclerosis in Korean stroke patients. <i>Yonsei Medical Journal</i> , <b>2010</b> , 51, 318-25	3	19	
166	Self-expanding stent for recanalization of acute embolic or dissecting intracranial artery occlusion. <i>American Journal of Neuroradiology</i> , <b>2010</b> , 31, 459-63	4.4	19	
165	Prediction of thrombus resolution after intravenous thrombolysis assessed by CT-based thrombus imaging. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 107, 786-94	7	19	
164	Repeated thrombolytic therapy in patients with recurrent acute ischemic stroke. <i>Journal of Stroke</i> , <b>2013</b> , 15, 182-8	5.6	19	
163	Incremental Value of Left Atrial Global Longitudinal Strain for Prediction of Post Stroke Atrial Fibrillation in Patients with Acute Ischemic Stroke. <i>Journal of Cardiovascular Imaging</i> , <b>2016</b> , 24, 20-7	Ο	19	

162	Effect of balloon guide catheter utilization on contact aspiration thrombectomy. <i>Journal of Neurosurgery</i> , <b>2018</b> , 1-7	3.2	18
161	Pathophysiologic and Therapeutic Perspectives Based on Thrombus Histology in Stroke. <i>Journal of Stroke</i> , <b>2020</b> , 22, 64-75	5.6	18
160	Effects of first pass recanalization on outcomes of contact aspiration thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , <b>2020</b> , 12, 466-470	7.8	18
159	Histological features of intracranial thrombi in stroke patients with cancer. <i>Annals of Neurology</i> , <b>2019</b> , 86, 143-149	9.4	17
158	Thrombolytic effects of the snake venom disintegrin saxatilin determined by novel assessment methods: a FeCl3-induced thrombosis model in mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e81165	3.7	17
157	Liver Fibrosis, Not Steatosis, Associates with Long-Term Outcomes in Ischaemic Stroke Patients. <i>Cerebrovascular Diseases</i> , <b>2019</b> , 47, 32-39	3.2	16
156	Requirement Analysis and Implementation of Smart Emergency Medical Services. <i>IEEE Access</i> , <b>2018</b> , 6, 42022-42029	3.5	16
155	Low ankle-brachial index is a predictive factor for initial severity of acute ischaemic stroke. <i>European Journal of Neurology</i> , <b>2012</b> , 19, 892-8	6	16
154	Plasma osteoprotegerin levels increase with the severity of cerebral artery atherosclerosis. <i>Clinical Biochemistry</i> , <b>2013</b> , 46, 1036-1040	3.5	16
153	D-dimer for prediction of long-term outcome in cryptogenic stroke patients with patent foramen ovale. <i>Thrombosis and Haemostasis</i> , <b>2015</b> , 114, 614-22	7	16
152	Ischaemic cardiovascular mortality in patients with non-valvular atrial fibrillation according to CHADSI3core. <i>Thrombosis and Haemostasis</i> , <b>2011</b> , 105, 712-20	7	16
151	Failure of complete recanalization is associated with poor outcome after cardioembolic stroke. <i>European Journal of Neurology</i> , <b>2011</b> , 18, 1171-8	6	16
150	Use of Machine Learning Classifiers and Sensor Data to Detect Neurological Deficit in Stroke Patients. <i>Journal of Medical Internet Research</i> , <b>2017</b> , 19, e120	7.6	16
149	Poor Outcome of Stroke Patients With Atrial Fibrillation in the Presence of Coexisting Spontaneous Echo Contrast. <i>Stroke</i> , <b>2016</b> , 47, 1920-2	6.7	16
148	Need for rescue treatment and its implication: stent retriever versus contact aspiration thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , <b>2019</b> , 11, 979-983	7.8	15
147	Ischemic stroke: measurement of intracranial artery calcifications can improve prediction of asymptomatic coronary artery disease. <i>Radiology</i> , <b>2013</b> , 268, 842-9	20.5	15
146	Identification of oxidized serum albumin in the cerebrospinal fluid of ischaemic stroke patients. <i>European Journal of Neurology</i> , <b>2011</b> , 18, 1151-8	6	15
145	Serum cholesterol levels and the risk of multiple system atrophy: a case-control study. <i>Movement Disorders</i> , <b>2009</b> , 24, 752-8	7	15

144	A Bayesian Network Model for Predicting Post-stroke Outcomes With Available Risk Factors. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 699	4.1	15	
143	Endovascular and Clinical Outcomes of Vertebrobasilar Intracranial Atherosclerosis-Related Large Vessel Occlusion. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 215	4.1	14	
142	Unobtrusive and Continuous Monitoring of Alcohol-impaired Gait Using Smart Shoes. <i>Methods of Information in Medicine</i> , <b>2017</b> , 56, 74-82	1.5	14	
141	Non-cardioembolic risk factors in atrial fibrillation-associated ischemic stroke. <i>PLoS ONE</i> , <b>2018</b> , 13, e020	03,0,62	14	
140	Poor long-term outcomes in stroke patients with asymptomatic coronary artery disease in heart CT. <i>Atherosclerosis</i> , <b>2017</b> , 265, 7-13	3.1	13	
139	Isolated cerebellar variant of adrenoleukodystrophy with a de novo adenosine triphosphate-binding cassette D1 (ABCD1) gene mutation. <i>Yonsei Medical Journal</i> , <b>2014</b> , 55, 1157-60	3	13	
138	A service-oriented medical framework for fast and adaptive information delivery in mobile environment. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2009</b> , 13, 1049-56		13	
137	Cilostazol Versus Aspirin in Ischemic Stroke Patients With High-Risk Cerebral Hemorrhage: Subgroup Analysis of the PICASSO Trial. <i>Stroke</i> , <b>2020</b> , 51, 931-937	6.7	13	
136	Carotid stenting in acute ischemic stroke patients with intraluminal thrombus. <i>Neuroradiology</i> , <b>2011</b> , 53, 773-8	3.2	12	
135	Hemodynamic Impact of Systolic Blood Pressure and Hematocrit Calculated by Computational Fluid Dynamics in Patients with Intracranial Atherosclerosis. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 331-8	2.8	12	
134	Prognostic value of urine dipstick proteinuria on mortality after acute ischemic stroke. <i>Atherosclerosis</i> , <b>2016</b> , 253, 118-123	3.1	12	
133	Short-Term Outcome of Ischemic Stroke Patients With Systemic Malignancy. <i>Stroke</i> , <b>2019</b> , 50, 507-511	6.7	12	
132	Value of utilizing both ASPECTS and CT angiography collateral score for outcome prediction in acute ischemic stroke. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 1018-23	6.3	11	
131	Long-term mortality in patients with coexisting potential causes of ischemic stroke. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 541-6	6.3	11	
130	Use of a handheld, computerized device as a decision support tool for stroke classification. <i>European Journal of Neurology</i> , <b>2012</b> , 19, 426-30	6	11	
129	Quantification of intracranial internal carotid artery calcification on brain unenhanced CT: evaluation of its feasibility and assessment of the reliability of visual grading scales. <i>European Radiology</i> , <b>2013</b> , 23, 20-7	8	11	
128	Effects of Triflusal and Clopidogrel on the Secondary Prevention of Stroke Based on Cytochrome P450 2C19 Genotyping. <i>Journal of Stroke</i> , <b>2017</b> , 19, 356-364	5.6	10	
127	Brachial-ankle pulse wave velocity for predicting functional outcomes in patients with cryptogenic stroke. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 69, 214-219	2.2	10	

126	Recurrent Cardioembolic Stroke Treated Successfully with Repeated Mechanical Thrombectomy within the Acute Index Stroke Period. <i>Journal of Clinical Neurology (Korea,</i> <b>2015</b> , 11, 275-8	1.7	10
125	Nonrelevant cerebral atherosclerosis is a strong prognostic factor in acute cerebral infarction. <i>Stroke</i> , <b>2013</b> , 44, 2013-5	6.7	10
124	Systemic atherosclerosis in patients with perforating artery territorial infarction. <i>European Journal of Neurology</i> , <b>2010</b> , 17, 788-93	6	10
123	Comprehensive code stroke program to reduce reperfusion delay for in-hospital stroke patients. <i>International Journal of Stroke</i> , <b>2016</b> , 11, 656-62	6.3	10
122	Impact of Non-vitamin K Antagonist Oral Anticoagulant Withdrawal on Stroke Outcomes. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 1095	4.1	10
121	Collateral augmentation treatment with a combination of acetazolamide and head-down tilt in a rat ischemic stroke model. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 73, 252-258	2.2	9
120	Comparison Between Perfusion- and Collateral-Based Triage for Endovascular Thrombectomy in a Late Time Window. <i>Stroke</i> , <b>2019</b> , 50, 3465-3470	6.7	9
119	Long-term mortality according to the characteristics of early neurological deterioration in ischemic stroke patients. <i>Yonsei Medical Journal</i> , <b>2014</b> , 55, 669-75	3	9
118	Process improvement to enhance existing stroke team activity toward more timely thrombolytic treatment. <i>Journal of Clinical Neurology (Korea</i> , <b>2014</b> , 10, 328-33	1.7	9
117	Hemorrhagic Wernicke encephalopathy in a patient with liver transplantation. <i>Neurology</i> , <b>2009</b> , 73, 142	36.5	9
116	Mechanism of tuberothalamic infarction. European Journal of Neurology, 2008, 15, 1118-23	6	9
116	Mechanism of tuberothalamic infarction. <i>European Journal of Neurology</i> , <b>2008</b> , 15, 1118-23  Carotid Intima-Media Thickness is Inversely Related to Bone Density in Female but not in Male Patients with Acute Stroke. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 83-8	2.8	9
	Carotid Intima-Media Thickness is Inversely Related to Bone Density in Female but not in Male		
115	Carotid Intima-Media Thickness is Inversely Related to Bone Density in Female but not in Male Patients with Acute Stroke. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 83-8  Carotid Artery Stenting and Intracranial Thrombectomy for Tandem Cervical and Intracranial Artery	2.8	9
115 114	Carotid Intima-Media Thickness is Inversely Related to Bone Density in Female but not in Male Patients with Acute Stroke. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 83-8  Carotid Artery Stenting and Intracranial Thrombectomy for Tandem Cervical and Intracranial Artery Occlusions. <i>Neurosurgery</i> , <b>2020</b> , 86, 213-220  Body Mass Index and Prognosis in Ischemic Stroke Patients With Type 2 Diabetes Mellitus. <i>Frontiers</i>	2.8	9
115 114 113	Carotid Intima-Media Thickness is Inversely Related to Bone Density in Female but not in Male Patients with Acute Stroke. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 83-8  Carotid Artery Stenting and Intracranial Thrombectomy for Tandem Cervical and Intracranial Artery Occlusions. <i>Neurosurgery</i> , <b>2020</b> , 86, 213-220  Body Mass Index and Prognosis in Ischemic Stroke Patients With Type 2 Diabetes Mellitus. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 563  The Ischemic Stroke Predictive Risk Score Predicts Early Neurological Deterioration. <i>Journal of</i>	2.8 3.2 4.1	9 9 8
115 114 113	Carotid Intima-Media Thickness is Inversely Related to Bone Density in Female but not in Male Patients with Acute Stroke. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 83-8  Carotid Artery Stenting and Intracranial Thrombectomy for Tandem Cervical and Intracranial Artery Occlusions. <i>Neurosurgery</i> , <b>2020</b> , 86, 213-220  Body Mass Index and Prognosis in Ischemic Stroke Patients With Type 2 Diabetes Mellitus. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 563  The Ischemic Stroke Predictive Risk Score Predicts Early Neurological Deterioration. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2016</b> , 25, 819-24  Factors associated with ischemic stroke on therapeutic anticoagulation in patients with nonvalvular	2.8 3.2 4.1 2.8	9 9 8 8

## (2010-2020)

108	Automatic Grading of Stroke Symptoms for Rapid Assessment Using Optimized Machine Learning and 4-Limb Kinematics: Clinical Validation Study. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e20641	7.6	8
107	Timely Interventions can Increase Smoking Cessation Rate in Men with Ischemic Stroke. <i>Journal of Korean Academy of Nursing</i> , <b>2016</b> , 46, 610-7	1.3	8
106	Contraversive ocular tilt reaction after the lateral medullary infarction. Neurologist, 2015, 19, 79-81	1.6	7
105	Dabigatran reduces endothelial permeability through inhibition of thrombin-induced cytoskeleton reorganization. <i>Thrombosis Research</i> , <b>2018</b> ,	8.2	7
104	Delayed Intravenous Thrombolysis in Patients with Minor Stroke. <i>Cerebrovascular Diseases</i> , <b>2018</b> , 46, 52-58	3.2	7
103	Stroke units and stroke care services in Korea. <i>International Journal of Stroke</i> , <b>2012</b> , 7, 336-40	6.3	7
102	Comparison of stent retriever and intra-arterial fibrinolysis in patients with acute ischaemic stroke. <i>European Journal of Neurology</i> , <b>2014</b> , 21, 779-84	6	7
101	Determinants of infarction patterns in cardioembolic stroke. European Neurology, 2011, 66, 145-50	2.1	7
100	Elevation of the Gut Microbiota Metabolite Trimethylamine N-Oxide Predicts Stroke Outcome. Journal of Stroke, <b>2019</b> , 21, 350-352	5.6	7
99	Serum Uric Acid Is Associated with Cerebral White Matter Hyperintensities in Patients with Acute Lacunar Infarction. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 351-4	2.8	7
98	Different infarction patterns in patients with aortic atheroma compared to those with cardioembolism or large artery atherosclerosis. <i>Journal of Neurology</i> , <b>2018</b> , 265, 151-158	5.5	7
97	Stroke Severity in Patients on Non-Vitamin K Antagonist Oral Anticoagulants with a Standard or Insufficient Dose. <i>Thrombosis and Haemostasis</i> , <b>2018</b> , 118, 2145-2151	7	7
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93	Effect of warfarin withdrawal on thrombolytic treatment in patients with ischaemic stroke. <i>European Journal of Neurology</i> , <b>2011</b> , 18, 1165-70	6	6
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90	Mirror pattern of cerebral artery atherosclerosis in patients with ischaemic stroke. <i>European Journal of Neurology</i> , <b>2009</b> , 16, 1159-64	6	6
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88	Histopathological Findings of Intracranial Thrombi in Nonbacterial Thrombotic Endocarditis. Journal of Stroke, <b>2017</b> , 19, 367-369	5.6	6
87	Efficacy of language-appropriate cueing on micrographia in Korean patients with Parkinsonß disease. <i>Geriatrics and Gerontology International</i> , <b>2015</b> , 15, 647-51	2.9	5
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85	Increased Risk of Cardiovascular Events in Stroke Patients Who had Not Undergone Evaluation for Coronary Artery Disease. <i>Yonsei Medical Journal</i> , <b>2017</b> , 58, 114-122	3	5
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83	Relationship Between Sleep Apnea and Coronary Artery Calcium in Patients With Ischemic Stroke. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 819	4.1	5
82	Differential impact of unrecognised brain infarction on stroke outcome in non-valvular atrial fibrillation. <i>Thrombosis and Haemostasis</i> , <b>2014</b> , 112, 1312-8	7	5
81	Beneficial effects of stroke-unit care in stroke patients with atrial fibrillation. <i>Yonsei Medical Journal</i> , <b>2013</b> , 54, 301-5	3	5
80	Outcome of Stroke Patients with Cancer and Nonbacterial Thrombotic Endocarditis. <i>Journal of Stroke</i> , <b>2020</b> , 22, 245-253	5.6	5
79	Prior antithrombotic use is significantly associated with decreased blood viscosity within 24 hours of symptom onset in patients with acute ischemic stroke. <i>Journal of Neurocritical Care</i> , <b>2019</b> , 12, 85-91	0.6	5
78	Advanced Liver Fibrosis Predicts Unfavorable Long-Term Prognosis in First-Ever Ischemic Stroke or Transient Ischemic Attack. <i>Cerebrovascular Diseases</i> , <b>2020</b> , 49, 474-480	3.2	5
77	Consensus Statements by Korean Society of Interventional Neuroradiology and Korean Stroke Society: Hyperacute Endovascular Treatment Workflow to Reduce Door-to-Reperfusion Time. <i>Korean Journal of Radiology</i> , <b>2018</b> , 19, 838-848	6.9	5
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56	Heterogeneity in costs and prognosis for acute ischemic stroke treatment by comorbidities. <i>Journal of Neurology</i> , <b>2019</b> , 266, 1429-1438	5.5	2	
55	Novel Estimation of Penumbra Zone Based on Infarct Growth Using Machine Learning Techniques in Acute Ischemic Stroke. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2	

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53	Impact of the Total Number of Carotid Plaques on the Outcome of Ischemic Stroke Patients with Atrial Fibrillation. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	2
52	Incidence and risk factors for diffusion-weighted imaging (+) lesions after intracranial stenting and its relationship with symptomatic ischemic complications. <i>Stroke</i> , <b>2014</b> , 45, 3298-303	6.7	2
51	A computerized red glass test for quantifying diplopia. <i>BMC Ophthalmology</i> , <b>2017</b> , 17, 71	2.3	2
50	Carotid Artery Disease in Duplex Sonography: 3 Cases. <i>Korean Journal of Clinical Laboratory Science</i> , <b>2019</b> , 51, 114-118	0.4	2
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48	Non-vitamin K oral anticoagulants as first-line regimen for acute ischemic stroke with non-valvular atrial fibrillation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2020</b> , 29, 105025	2.8	2
47	Hyperattenuating lesions after mechanical thrombectomy in acute ischaemic stroke: factors predicting symptomatic haemorrhage and clinical outcomes. <i>Clinical Radiology</i> , <b>2021</b> , 76, 80.e15-80.e23	2.9	2
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43	Fc-saxatilin suppresses hypoxia-induced vascular leakage by regulating endothelial occludin expression. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 595-605	7	1
42	Response to Letter by DfAnna et al regarding article, "Long-term mortality in patients with stroke of undetermined etiology". <i>Stroke</i> , <b>2013</b> , 44, e4-5	6.7	1
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40	An adaptive streaming technique for interactive medical systems in mobile environment 2009,		1
39	Dual-Energy Computed Tomography Quantification of Extravasated Iodine and Hemorrhagic Transformation after Thrombectomy <i>Journal of Stroke</i> , <b>2022</b> , 24, 152-155	5.6	1
38	Impact of temporary opening using a stent retriever on clinical outcome in acute ischemic stroke. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124551	3.7	1
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36	Agreement and Reliability Analysis of Machine Learning Scaling and Wireless Monitoring in the Assessment of Acute Proximal Weakness by Experts and Non-Experts: A Feasibility Study <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12,	3.6	1
35	Gray-Matter Volume Estimate Score: A Novel Semi-Automatic Method Measuring Early Ischemic Change on CT. <i>Journal of Stroke</i> , <b>2016</b> , 18, 80-6	5.6	1
34	Characterization of Ferric Chloride-Induced Arterial Thrombosis Model of Mice and the Role of Red Blood Cells in Thrombosis Acceleration. <i>Yonsei Medical Journal</i> , <b>2021</b> , 62, 1032-1041	3	1
33	Extracranial Carotid Duplex Ultrasonography. Part I - Basic Principles and Standard Examination for Carotid and Vertebral Arteries, and Jugular Veins <b>2018</b> , 10, 47-60		1
32	The Factors Associated with the Decision of r-tPA Use in Acute Ischemic Stroke Patients Aged 80 Years or Older. <i>Korean Journal of Stroke</i> , <b>2011</b> , 13, 79		1
31	Effects of dabigatran and rivaroxaban on stroke severity according to the results of routine coagulation tests. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240483	3.7	1
30	Low Hypoperfusion Intensity Ratio Is Associated with a Favorable Outcome Even in Large Ischemic Core and Delayed Recanalization Time. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	1
29	Prediction of Early Recanalization after Intravenous Thrombolysis in Patients with Large-Vessel Occlusion. <i>Journal of Stroke</i> , <b>2021</b> , 23, 244-252	5.6	1
28	Immediate and Long-Term Outcomes of Reperfusion Therapy in Patients With Cancer. <i>Stroke</i> , <b>2021</b> , 52, 2026-2034	6.7	1
27	Percutaneous Left Atrial Appendage Occlusion Yields Favorable Neurological Outcomes in Patients with Non-Valvular Atrial Fibrillation. <i>Korean Circulation Journal</i> , <b>2021</b> , 51, 626-638	2.2	1
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23	Clinical Implications of Atrial Fibrillation Detection Using Wearable Devices in Patients With Cryptogenic Stroke (CANDLE-AF) Trial: Design and Rationale <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 837958	5.4	1
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