Oh Young Bang

List of Publications by Year
in descending order

208 papers	9,693 citations	47006 47 h-index	46799 89 g-index
215 all docs	215 docs citations	215 times ranked	10421 citing authors

#	Article	IF	Citations
1	Autologous mesenchymal stem cell transplantation in stroke patients. Annals of Neurology, 2005, 57, 874-882.	5.3	1,050
2	A Long-Term Follow-Up Study of Intravenous Autologous Mesenchymal Stem Cell Transplantation in Patients With Ischemic Stroke. Stem Cells, 2010, 28, 1099-1106.	3.2	694
3	Collateral Flow Predicts Response to Endovascular Therapy for Acute Ischemic Stroke. Stroke, 2011, 42, 693-699.	2.0	452
4	Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. Lancet, The, 2020, 395, 878-887.	13.7	400
5	Collateral Flow Averts Hemorrhagic Transformation After Endovascular Therapy for Acute Ischemic Stroke. Stroke, 2011, 42, 2235-2239.	2.0	243
6	Collateral Circulation in Ischemic Stroke. Stroke, 2015, 46, 3302-3309.	2.0	208
7	Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. Lancet Neurology, The, 2018, 17, 47-53.	10.2	205
8	Ischemic Stroke in Cancer Patients With and Without Conventional Mechanisms. Stroke, 2010, 41, 798-801.	2.0	201
9	Intracranial Atherosclerosis: Current Understanding and Perspectives. Journal of Stroke, 2014, 16, 27.	3.2	185
10	The Pathophysiology of Moyamoya Disease: An Update. Journal of Stroke, 2016, 18, 12-20.	3.2	158
11	High-Resolution Magnetic Resonance Wall Imaging Findings of Moyamoya Disease. Stroke, 2014, 45, 2457-2460.	2.0	154
12	Coagulopathy and embolic signal in cancer patients with ischemic stroke. Annals of Neurology, 2010, 68, 213-219.	5.3	136
13	Rescue Stenting for Failed Mechanical Thrombectomy in Acute Ischemic Stroke. Stroke, 2018, 49, 958-964.	2.0	135
14	Prediction of hemorrhagic transformation after recanalization therapy using T2*â€permeability magnetic resonance imaging. Annals of Neurology, 2007, 62, 170-176.	5.3	128
15	Efficient scalable production of therapeutic microvesicles derived from human mesenchymal stem cells. Scientific Reports, 2018, 8, 1171.	3.3	122
16	Frequency and mechanisms of stroke recurrence after cryptogenic stroke. Annals of Neurology, 2003, 54, 227-234.	5.3	119
17	Ischemic Stroke and Cancer: Stroke Severely Impacts Cancer Patients, While Cancer Increases the		

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19	Middle Cerebral Artery Stenosis Is a Major Clinical Determinant in Striatocapsular Small, Deep Infarction. Archives of Neurology, 2002, 59, 259.	4.5	106
20	Clues to Occult Cancer in Patients with Ischemic Stroke. PLoS ONE, 2012, 7, e44959.	2.5	105
21	Moyamoya disease: diagnosis and interventions. Lancet Neurology, The, 2022, 21, 747-758.	10.2	102
22	Importance of truncal-type occlusion in stentriever-based thrombectomy for acute stroke. Neurology, 2016, 87, 1542-1550.	1.1	95
23	Mesenchymal Stem Cell-Derived Extracellular Vesicle Therapy for Stroke: Challenges and Progress. Frontiers in Neurology, 2019, 10, 211.	2.4	94
24	Cancer-Related Stroke: An Emerging Subtype of Ischemic Stroke with Unique Pathomechanisms. Journal of Stroke, 2020, 22, 1-10.	3.2	92
25	Hypercoagulability and Mortality of Patients with Stroke and Active Cancer: The OASIS-CANCER Study. Journal of Stroke, 2017, 19, 77-87.	3.2	91
26	Number of Stent Retriever Passes Associated With Futile Recanalization in Acute Stroke. Stroke, 2018, 49, 2088-2095.	2.0	90
27	Adult Stem Cell Therapy for Stroke: Challenges and Progress. Journal of Stroke, 2016, 18, 256-266.	3.2	90
28	Efficacy and Safety of Intravenous Mesenchymal Stem Cells for Ischemic Stroke. Neurology, 2021, 96, e1012-e1023.	1.1	87
29	Evaluation of Cryptogenic Stroke With Advanced Diagnostic Techniques. Stroke, 2014, 45, 1186-1194.	2.0	86
30	Enhancing neurogenesis and angiogenesis with target delivery of stromal cell derived factor-1α using a dual ionic pH-sensitive copolymer. Biomaterials, 2015, 61, 115-125.	11.4	85
31	Cancer and Embolic Stroke of Undetermined Source. Stroke, 2021, 52, 1121-1130.	2.0	84
32	Patterns and Predictors of Blood–Brain Barrier Permeability Derangements in Acute Ischemic Stroke. Stroke, 2009, 40, 454-461.	2.0	81
33	Differential Vascular Pathophysiologic Types of Intracranial Atherosclerotic Stroke. Stroke, 2015, 46, 2815-2821.	2.0	81
34	A novel magnetic resonance imaging approach to collateral flow imaging in ischemic stroke. Annals of Neurology, 2014, 76, 356-369.	5.3	72
35	Rivaroxaban vs Warfarin Sodium in the Ultra-Early Period After Atrial Fibrillation–Related Mild Ischemic Stroke. JAMA Neurology, 2017, 74, 1206.	9.0	72
36	Intravenous transplantation of mesenchymal stem cells preconditioned with early phase stroke serum: current evidence and study protocol for a randomized trial. Trials, 2013, 14, 317.	1.6	67

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37	Moyamoya Disease and Spectrums of RNF213 Vasculopathy. Translational Stroke Research, 2020, 11, 580-589.	4.2	67
38	Adult Moyamoya Disease: A Burden of Intracranial Stenosis in East Asians?. PLoS ONE, 2015, 10, e0130663.	2.5	66
39	BDNF Polymorphism and Differential rTMS Effects on Motor Recovery of Stroke Patients. Brain Stimulation, 2014, 7, 553-558.	1.6	65
40	Nontraditional Risk Factors for Ischemic Stroke. Stroke, 2015, 46, 3571-3578.	2.0	63
41	Clinical Trials of Adult Stem Cell Therapy in Patients with Ischemic Stroke. Journal of Clinical		

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55	Cancer Cell-Derived Extracellular Vesicles Are Associated with Coagulopathy Causing Ischemic Stroke via Tissue Factor-Independent Way: The OASIS-CANCER Study. PLoS ONE, 2016, 11, e0159170.	2.5	43
56	Nonsyndromic Peripheral Pulmonary Artery Stenosis Is Associated With Homozygosity of RNF213 p.Arg4810Lys Regardless of Co-occurrence of Moyamoya Disease. Chest, 2018, 153, 404-413.	0.8	43
57	Large Cerebral Infarction During Praziquantel Therapy in Neurocysticercosis. Stroke, 1997, 28, 211-213.	2.0	42
58	Predictive Value of Computed Tomography Angiography–Determined Occlusion Type in Stent Retriever Thrombectomy. Stroke, 2017, 48, 2746-2752.	2.0	40
59	Circulating DNAs, a Marker of Neutrophil Extracellular Traposis and Cancer-Related Stroke. Stroke, 2019, 50, 2944-2947.	2.0	40
60	Therapeutic-induced hypertension in patients with noncardioembolic acute stroke. Neurology, 2019, 93, e1955-e1963.	1.1	39
61	Impact of metabolic syndrome on distribution of cervicocephalic atherosclerosis: Data from a diverse race-ethnic group. Journal of the Neurological Sciences, 2009, 284, 40-45.	0.6	37
62	Differential Migration of Mesenchymal Stem Cells to Ischemic Regions after Middle Cerebral Artery Occlusion in Rats. PLoS ONE, 2015, 10, e0134920.	2.5	37
63	Caveolin-1, <i>Ring finger protein 213</i>, and endothelial function in Moyamoya disease. International Journal of Stroke, 2016, 11, 999-1008.	5.9	36
64	Infarct Pattern and Collateral Status in Adult Moyamoya Disease. Stroke, 2017, 48, 111-116.	2.0	35
65	Cav-1 (Caveolin-1) and Arterial Remodeling in Adult Moyamoya Disease. Stroke, 2018, 49, 2597-2604.	2.0	35
66	Burden of Intracranial Atherosclerosis Is Associated With Long-Term Vascular Outcome in Patients With Ischemic Stroke. Stroke, 2017, 48, 2819-2826.	2.0	34
67	The emerging value of serum D-dimer measurement in the work-up and management of ischemic stroke. International Journal of Stroke, 2020, 15, 122-131.	5.9	34
68	Comparison of Enoxaparin and Warfarin for Secondary Prevention of Cancer-Associated Stroke. Journal of Oncology, 2015, 2015, 1-6.	1.3	33
69	Clinical and Neuroradiological Features of Patients With Spinocerebellar Ataxias From Korean Kindreds. Archives of Neurology, 2003, 60, 1566.	4.5	32
70	Development and Comparison of a Warfarin-Dosing Algorithm for Korean Patients With Atrial Fibrillation. Clinical Therapeutics, 2011, 33, 1371-1380.	2.5	32
71	Considerations When Subtyping Ischemic Stroke in Asian Patients. Journal of Clinical Neurology		

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73	Predicting Collateral Status With Magnetic Resonance Perfusion Parameters. Stroke, 2015, 46, 2800-2807.	2.0	31
74	Quality of Anticoagulation with Warfarin in Korean Patients with Atrial Fibrillation and Prior		

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91	Ring Finger Protein 213 Variant and Plaque Characteristics, Vascular Remodeling, and Hemodynamics in Patients With Intracranial Atherosclerotic Stroke: A Highâ€Resolution Magnetic Resonance Imaging and Hemodynamic Study. Journal of the American Heart Association, 2019, 8, e011996.	3.7	24
92	Intracranial atherosclerotic stroke: Specific focus on the metabolic syndrome and inflammation. Current Atherosclerosis Reports, 2006, 8, 330-336.	4.8	23
93	The Effect of CXCR4 Overexpression on Mesenchymal Stem Cell Transplantation in Ischemic Stroke. Cell Medicine, 2012, 4, 65-76.	5.0	23
94	Impact of Slow Blood Filling via Collaterals on Infarct Growth: Comparison of Mismatch and Collateral Status. Journal of Stroke, 2017, 19, 88-96.	3.2	23
95	Association of statin pretreatment with collateral circulation and final infarct volume in acute ischemic stroke patients: A meta-analysis. Atherosclerosis, 2019, 282, 75-79.	0.8	23
96	Stroke Induces Mesenchymal Stem Cell Migration to Infarcted Brain Areas Via CXCR4 and C-Met Signaling. Translational Stroke Research, 2017, 8, 449-460.	4.2	23
97	Stunned brain syndrome: serial diffusion perfusion MRI of delayed recovery following revascularisation for acute ischaemic stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 27-32.	1.9	22
98	Role of High-Resolution Magnetic Resonance Imaging in the Diagnosis of Primary Angiitis of the		

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109	Transcranial Doppler findings in middle cerebral arterial occlusive disease in relation to degree of stenosis and presence of concomitant stenoses. Journal of Clinical Ultrasound, 2003, 31, 142-151.	0.8	18
110	Need for rescue treatment and its implication: stent retriever versus contact aspiration thrombectomy. Journal of NeuroInterventional Surgery, 2019, 11, 979-983.	3.3	18
111	Sympathetic skin response and cardiovascular autonomic function tests in Parkinson's disease. Yonsei Medical Journal, 1998, 39, 439.	2.2	17
112	Predicting Stroke Outcome Using Clinical- versus Imaging-based Scoring System. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 642-648.	1.6	17
113	Brain microangiopathy and macroangiopathy share common risk factors and biomarkers. Atherosclerosis, 2016, 246, 71-77.	0.8	17
114	Heads Up! A Novel Provocative Maneuver to Guide Acute Ischemic Stroke Management. Interventional Neurology, 2017, 6, 8-15.	1.8	17
115	Outcomes after ischemic stroke caused by intracranial atherosclerosis vs dissection. Neurology, 2018, 91, e1751-e1759.	1.1	17
116	Clinical MRI Cutoff Points for Predicting Lacunar Stroke May Not Exist: Need for a Grading rather than a Dichotomizing System. Cerebrovascular Diseases, 2007, 24, 520-529.	1.7	16
117	Carotid Artery Stenting and Intracranial Thrombectomy for Tandem Cervical and Intracranial Artery Occlusions. Neurosurgery, 2020, 86, 213-220.	1.1	16
118	Asian Patients with Stroke plus Atrial Fibrillation and the Dose of Non-Vitamin K Oral Anticoagulants. Journal of Stroke, 2016, 18, 169-178.	3.2	16
119	Interpretable machine learning for early neurological deterioration prediction in atrial fibrillation-related stroke. Scientific Reports, 2021, 11, 20610.	3.3	16
120	Arterial Dissection as a Cause of Intracranial Stenosis in East Asians. Journal of the American College of Cardiology, 2017, 70, 2205-2206.	2.8	15
121	Characteristics and Factors for Short-Term Functional Outcome in Stroke Patients With Atrial Fibrillation, Nationwide Retrospective Cohort Study. Frontiers in Neurology, 2019, 10, 1101.	2.4	15
122	Admission Diffusion-Weighted Imaging Lesion Volume in Patients With Large Vessel Occlusion Stroke and Alberta Stroke Program Early CT Score of ≥6 Points. Stroke, 2019, 50, 3115-3120.	2.0	15
123	Prospective Screening of Extracranial Systemic Arteriopathy in Young Adults with Moyamoya Disease. Journal of the American Heart Association, 2020, 9, e016670.	3.7	15
124	Role of the *RNF213* Variant in Vascular Outcomes in Patients With Intracranial Atherosclerosis. Journal of the American Heart Association, 2021, 10, e017660.	3.7	15
125	Frequency and significance of rare RNF213 variants in patients with adult moyamoya disease. PLoS ONE, 2017, 12, e0179689.	2.5	15
126	Multi-ancestry GWAS reveals excitotoxicity associated with outcome after ischaemic stroke. Brain, 2022, 145, 2394-2406.	7.6	15

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127	Early statin use in ischemic stroke patients treated with recanalization therapy: retrospective observational study. BMC Neurology, 2015, 15, 122.	1.8	14
128	Association of Left Atrial Enlargement with Cortical Infarction in Subjects with Patent Foramen Ovale. Journal of Stroke, 2016, 18, 304-311.	3.2	14
129	Stem cell-derived extracellular vesicle therapy for acute brain insults and neurodegenerative diseases. BMB Reports, 2022, 55, 20-29.	2.4	14
130	Global aphasia without hemiparesis: lesion analysis and its mechanism in 11 Korean patients. Journal of the Neurological Sciences, 2004, 217, 101-106.	0.6	13
131	Evaluation of 16 genotype-guided Warfarin Dosing Algorithms in 310 Korean Patients Receiving Warfarin Treatment: Poor Prediction Performance in VKORC1 1173C Carriers. Clinical Therapeutics, 2016, 38, 2666-2674.e1.	2.5	13
132	Genetic and Non-Genetic Factors Affecting the Quality of Anticoagulation Control and Vascular Events in Atrial Fibrillation. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 1383-1390.	1.6	13
133	Endovascular Therapy for Acute Ischemic Stroke of Intracranial Atherosclerotic Origin—Neuroimaging Perspectives. Frontiers in Neurology, 2019, 10, 269.	2.4	13
134	Achieved low-density lipoprotein cholesterol level and stroke risk: A meta-analysis of 23 randomised trials. European Journal of Preventive Cardiology, 2021, 28, 905-916.	1.8	13
135	Lack of Association of Clinical Factors (SAMe-TT$_2$R$_2$) with *CYP2C9*/*VKORC1* Genotype and Anticoagulation Control Quality. Journal of Stroke, 2015, 17, 192.	3.2	13
136	Echoing Plaque Activity of the Coronary and Intracranial Arteries in Patients With Stroke. Stroke, 2016, 47, 1527-1533.	2.0	12
137	D-dimer levels and cerebral infarction in critically ill cancer patients. BMC Cancer, 2017, 17, 591.	2.6	12
138	Cerebral Hemodynamics and Vascular Reactivity in Mild and Severe Ischemic Rodent Middle Cerebral Artery Occlusion Stroke Models. Experimental Neurobiology, 2016, 25, 130-138.	1.6	11
139	Different infarction patterns in patients with aortic atheroma compared to those with cardioembolism or large artery atherosclerosis. Journal of Neurology, 2018, 265, 151-158.	3.6	11
140	Identification of High Risk Carotid Artery Stenosis: A Multimodal Vascular and Perfusion Imaging Study. Frontiers in Neurology, 2019, 10, 765.	2.4	11
141	Baseline D-Dimer Levels as a Risk Assessment Biomarker for Recurrent Stroke in Patients with Combined Atrial Fibrillation and Atherosclerosis. Journal of Clinical Medicine, 2019, 8, 1457.	2.4	11
142	Paradoxical Procoagulant Effect of Early Doses of Warfarin: Possible Role of Non-Vitamin K Oral Anticoagulant in Patients with Atrial Fibrillation-Related Stroke. Journal of Stroke, 2015, 17, 216.	3.2	11
143	Collateral Status and Outcomes after Thrombectomy. Translational Stroke Research, 2023, 14, 22-37.	4.2	11
144	Benign Oligemia Despite a Malignant MRI Profile in Acute Ischemic Stroke. Journal of Clinical		

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145	Effective method of combining rTMS and motor training in stroke patients. Restorative Neurology and Neuroscience, 2014, 32, 223-232.	0.7	10
146	Free fatty acid as a determinant of ischemic lesion volume in nonarterial-origin embolic stroke. Journal of the Neurological Sciences, 2017, 382, 116-121.	0.6	10
147	NIHSS sub-item scores predict collateral flow in acute middle cerebral artery infarction. Interventional Neuroradiology, 2018, 24, 678-683.	1.1	10
148	Elevated troponin levels are associated with early neurological worsening in ischemic stroke with atrial fibrillation. Scientific Reports, 2020, 10, 12626.	3.3	10
149	White matter hyperintensity determines ischemic stroke severity in symptomatic carotid artery stenosis. Neurological Sciences, 2021, 42, 3367-3374.	1.9	10
150	Imaging criteria across pivotal randomized controlled trials for late window thrombectomy patient selection. Journal of NeuroInterventional Surgery, 2021, 13, 985-989.	3.3	10
151	Characteristics of Patients with Target Magnetic Resonance Mismatch Profile: Data from Two Geographically and Racially Distinct Populations. Cerebrovascular Diseases, 2010, 29, 87-94.	1.7	9
152	Improving the Clinical Outcome in Stroke Patients Receiving Thrombolytic or Endovascular Treatment in Korea: from the SECRET Study. Journal of Clinical Medicine, 2020, 9, 717.	2.4	9
153	How Cerebral Vessel Tortuosity Affects Development and Recurrence of Aneurysm: Outer Curvature versus Bifurcation Type. Journal of Stroke, 2021, 23, 213-222.	3.2	9
154	Prediction of Early Recanalization after Intravenous Thrombolysis in Patients with Large-Vessel Occlusion. Journal of Stroke, 2021, 23, 244-252.	3.2	9
155	Probable Factors Associated with Response to Mesenchymal Stem Cell Therapy in Stroke Patients: A Post Hoc Analysis of the STARTING-2 Trial. Journal of Personalized Medicine, 2021, 11, 1137.	2.5	9
156	Prediction of hemorrhagic transformation in patients with mild atrial fibrillation-associated stroke treated with early anticoagulation: post hoc analysis of the Triple AXEL Trial. Clinical Neurology and Neurosurgery, 2018, 174, 156-162.	1.4	7
157	Perfusion recovery on TTP maps after endovascular stroke treatment might predict favorable neurological outcomes. European Radiology, 2020, 30, 6421-6431.	4.5	7
158	Novel Estimation of Penumbra Zone Based on Infarct Growth Using Machine Learning Techniques in Acute Ischemic Stroke. Journal of Clinical Medicine, 2020, 9, 1977.	2.4	7
159	CHADS2, CHA2DS2-VASc, ATRIA, and Essen stroke risk scores in stroke with atrial fibrillation. Medicine (United States), 2021, 100, e24000.	1.0	7
160	Initiation of Guideline-Matched Oral Anticoagulant in Atrial Fibrillation-Related Stroke. Journal of Stroke, 2021, 23, 113-123.	3.2	7
161	Brain morphological and connectivity changes on MRI after stem cell therapy in a rat stroke model. PLoS ONE, 2021, 16, e0246817.	2.5	7
162	Neuroprotective strategies for acute ischemic stroke: recent progress and future perspectives. Precision and Future Medicine, 2017, 1, 115-121.	1.6	7

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163	Selection of Candidates for Endovascular Treatment: Characteristics According to Three Different Selection Methods. Journal of Stroke, 2019, 21, 332-339.	3.2	7
164	The Role of Transcranial Doppler in Symptomatic Striatocapsular Small Deep Infarction. Journal of Neuroimaging, 2003, 13, 48-52.	2.0	6
165	Characteristic lesion pattern and echocardiographic findings in extra-cardiac shunt-related stroke. Journal of the Neurological Sciences, 2016, 369, 176-180.	0.6	6
166	Comorbidity index for predicting mortality at 6 months after reperfusion therapy. Scientific Reports, 2021, 11, 5963.	3.3	6
167	Atherosclerotic Burden and Vascular Risk in Stroke Patients With Atrial Fibrillation. Stroke, 2021, 52, 1662-1672.	2.0	6
168	Long-Term Outcomes of Real-World Korean Patients with Atrial-Fibrillation-Related Stroke and		

#	Article	IF	Citations
181	The Need for a Coagulation Assay after Initiation of New Oral Anticoagulants in Patients with Renal		

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199	The Usefulness of MDCT Angiography in the Diagnosis of Vertebrobasilar Artery Dissection. Journal of the Korean Radiological Society, 2007, 56, 101.	0.0	0
200	Response to Letter Regarding Article, "High-Resolution Magnetic Resonance Wall Imaging Findings of Moyamoya Disease". Stroke, 2014, 45, e300.	2.0	0
201	Visualization of basilar artery atherosclerotic plaques by conventional T2-weighted magnetic resonance imaging: A case-control study. PLoS ONE, 2019, 14, e0212570.	2.5	0
202	Development and Validation of a Novel Warfarin Dosing Algorithm for Korean Patients With <i>VKORC1</i> 1173C. Annals of Laboratory Medicine, 2020, 40, 216-223.	2.5	0
203	Editorial: Preventive and Acute Intervention for Intracranial Atherosclerotic Disease. Frontiers in Neurology, 2020, 11, 442.	2.4	0
204	Treatment Pattern of Antithrombotic Therapy over Time after Percutaneous Coronary Intervention in Patients with Atrial Fibrillation in Real-World Practice in Korea. Healthcare (Switzerland), 2021, 9, 1185.	2.0	0
205	Fimasartan-Based Blood Pressure Control after Acute Cerebral Ischemia: The Fimasartan-Based Blood		