Byung-Woo Yoon

List of Publications by Year in descending order

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94433 91884 5,410 126 37 69 citations g-index h-index papers 130 130 130 8093 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source. New England Journal of Medicine, 2018, 378, 2191-2201.	27.0	730
2	Epidemiology, Risk Factors, and Clinical Features of Intracerebral Hemorrhage: An Update. Journal of Stroke, 2017, 19, 3-10.	3.2	584
3	Stroke Statistics in Korea: Part I. Epidemiology and Risk Factors: A Report from the Korean Stroke Society and Clinical Research Center for Stroke. Journal of Stroke, 2013, 15, 2.	3.2	283
4	Hyperglycemia Exacerbates Brain Edema and Perihematomal Cell Death After Intracerebral Hemorrhage. Stroke, 2003, 34, 2215-2220.	2.0	234
5	Human neural stem cells can migrate, differentiate, and integrate after intravenous transplantation in adult rats with transient forebrain ischemia. Neuroscience Letters, 2003, 343, 129-133.	2.1	185
6	Case Characteristics, Hyperacute Treatment, and Outcome Information from the Clinical Research Center for Stroke-Fifth Division Registry in South Korea. Journal of Stroke, 2015, 17, 38.	3.2	178
7	Mesenchymal stem cell-derived magnetic extracellular nanovesicles for targeting and treatment of ischemic stroke. Biomaterials, 2020, 243, 119942.	11.4	176
8	Metabolic Syndrome as an Independent Risk Factor of Silent Brain Infarction in Healthy People. Stroke, 2006, 37, 466-470.	2.0	138
9	Embolic strokes of undetermined source: Prevalence and patient features in the ESUS Global Registry. International Journal of Stroke, 2016, 11, 526-533.	5.9	113
10	Targeted <i>hsp70.1</i> Disruption Increases Infarction Volume After Focal Cerebral Ischemia in Mice. Stroke, 2001, 32, 2905-2912.	2.0	110
11	Human neural stem cells promote proliferation of endogenous neural stem cells and enhance angiogenesis in ischemic rat brain. Neural Regeneration Research, 2016, 11, 298.	3.0	84
12	Rivaroxaban for secondary stroke prevention in patients with embolic strokes of undetermined source: Design of the NAVIGATE ESUS randomized trial. European Stroke Journal, 2016, 1, 146-154.	5 . 5	83
13	Rivaroxaban vs Warfarin Sodium in the Ultra-Early Period After Atrial Fibrillation–Related Mild Ischemic Stroke. JAMA Neurology, 2017, 74, 1206.	9.0	72
14	Prevention of cardiovascular events in Asian patients with ischaemic stroke at high risk of cerebral haemorrhage (PICASSO): a multicentre, randomised controlled trial. Lancet Neurology, The, 2018, 17, 509-518.	10.2	72
15	Effects of Hsp70.1 Gene Knockout on the Mitochondrial Apoptotic Pathway After Focal Cerebral Ischemia. Stroke, 2004, 35, 2195-2199.	2.0	68
16	Hydrogen sulfide treatment induces angiogenesis after cerebral ischemia. Journal of Neuroscience Research, 2014, 92, 1520-1528.	2.9	67
17	Labeling Efficacy of Superparamagnetic Iron Oxide Nanoparticles to Human Neural Stem Cells: Comparison of Ferumoxides, Monocrystalline Iron Oxide, Cross-linked Iron Oxide (CLIO)-NH2 and tat-CLIO. Korean Journal of Radiology, 2007, 8, 365.	3.4	65
18	Obesity-stroke paradox and initial neurological severity. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 743-747.	1.9	63

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19	Reduced neurogenesis after suppressed inflammation by minocycline in transient cerebral ischemia in rat. Journal of the Neurological Sciences, 2009, 279, 70-75.	0.6	62
20	Global Survey of the Frequency of Atrial Fibrillation–Associated Stroke. Stroke, 2016, 47, 2197-2202.	2.0	62
21	Distribution and in situ proliferation patterns of intravenously injected immortalized human neural stem-like cells in rats with focal cerebral ischemia. Neuroscience Research, 2004, 50, 459-465.	1.9	58
22	Blood pressure variability and hemorrhagic transformation in patients with successful recanalization after endovascular recanalization therapy: A retrospective observational study. Annals of Neurology, 2019, 85, 574-581.	5.3	57
23	Na+/Ca2+ exchanger 2 is neuroprotective by exporting Ca2+ during a transient focal cerebral ischemia in the mouse. Cell Calcium, 2008, 43, 482-491.	2.4	55
24	Recurrent Ischemic Lesions After Acute Atherothrombotic Stroke. Stroke, 2016, 47, 2323-2330.	2.0	54
25	Monitoring Cerebral Perfusion Changes after Revascularization in Patients with Moyamoya Disease by Using Arterial Spin-labeling MR Imaging. Radiology, 2018, 288, 565-572.	7.3	54
26	MRI tracking of intravenously transplanted human neural stem cells in rat focal ischemia model. Neuroscience Research, 2009, 64, 235-239.	1.9	50
27	A comparison of dexmedetomidine versus propofol during drugâ€induced sleep endoscopy in sleep apnea patients. Laryngoscope, 2016, 126, 763-767.	2.0	50
28	Using a Neodymium Magnet to Target Delivery of Ferumoxide-Labeled Human Neural Stem Cells in a Rat Model of Focal Cerebral Ischemia. Human Gene Therapy, 2010, 21, 603-610.	2.7	47
29	Identifying Target Risk Factors Using Population Attributable Risks of Ischemic Stroke by Age and Sex. Journal of Stroke, 2015, 17, 302-311.	3.2	47
30	Characterization of Patients with Embolic Strokes of Undetermined Source in the NAVIGATE ESUS Randomized Trial. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 1673-1682.	1.6	46
31	Pretreatment with low-dose fimasartan ameliorates NLRP3 inflammasome-mediated neuroinflammation and brain injury after intracerebral hemorrhage. Experimental Neurology, 2018, 310, 22-32.	4.1	46
32	Elevated Calcium after Acute Ischemic Stroke: Association with a Poor Short-Term Outcome and Long-Term Mortality. Journal of Stroke, 2015, 17, 54.	3.2	44
33	Bright Vessel Appearance on Arterial Spin Labeling MRI for Localizing Arterial Occlusion in Acute Ischemic Stroke. Stroke, 2015, 46, 564-567.	2.0	43
34	Significant association of metabolic syndrome with silent brain infarction in elderly people. Journal of Neurology, 2009, 256, 1825-1831.	3.6	41
35	Monitoring Cerebrovascular Reactivity through the Use of Arterial Spin Labeling in Patients with Moyamoya Disease. Radiology, 2016, 278, 205-213.	7.3	40
36	High-resolution Magnetic Resonance Imaging Reveals Hidden Etiologies of Symptomatic Vertebral Arterial Lesions. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 293-302.	1.6	39

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37	Geriatric nutritional risk index predicts poor outcomes in patients with acute ischemic strokeÂ-Automated undernutrition screen tool. PLoS ONE, 2020, 15, e0228738.	2.5	39
38	Parity and risk of hemorrhagic strokes. Neurology, 2010, 74, 1424-1429.	1.1	38
39	Gender Differences in the Age-Stratified Prevalence of Risk Factors in Korean Ischemic Stroke Patients: A Nationwide Stroke Registry-Based Cross-Sectional Study. International Journal of Stroke, 2014, 9, 759-765.	5.9	37
40	Geldanamycin protects rat brain through overexpression of HSP70 and reducing brain edema after cerebral focal ischemia. Neurological Research, 2008, 30, 740-745.	1.3	34
41	Detrimental Effects of Leptin on Intracerebral Hemorrhage via the STAT3 Signal Pathway. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 944-953.	4.3	33
42	Treatment of Cryptogenic Stroke with Active Cancer with a New Oral Anticoagulant. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 2976-2980.	1.6	33
43	Predictors of 30-day mortality and the risk of recurrent systemic thromboembolism in cancer patients suffering acute ischemic stroke. PLoS ONE, 2017, 12, e0172793.	2.5	31
44	High serum alkaline phosphatase in relation to cerebral small vessel disease. Atherosclerosis, 2014, 232, 313-318.	0.8	30
45	Identification of cerebral perfusion using arterial spin labeling in patients with seizures in acute settings. PLoS ONE, 2017, 12, e0173538.	2.5	30
46	Effectiveness of mechanical thrombectomy in cancer-related stroke and associated factors with unfavorable outcome. BMC Neurology, 2021, 21, 57.	1.8	30
47	Ischemic intensity influences the distribution of delayed infarction and apoptotic cell death following transient focal cerebral ischemia in rats. Brain Research, 2002, 956, 14-23.	2.2	29
48	Expression of Cu/Zn SOD Protein Is Suppressed in hsp 70.1 Knockout Mice. BMB Reports, 2005, 38, 111-114.	2.4	28
49	Long-Term Effects of Magnetically Targeted Ferumoxide-Labeled Human Neural Stem Cells in Focal Cerebral Ischemia. Cell Transplantation, 2015, 24, 183-190.	2.5	26
50	Intravenous Thrombolysis in Acute Ischemic Stroke with Active Cancer. BioMed Research International, 2017, 2017, 1-5.	1.9	26
51	Clinical Outcomes Depending on Acute Blood Pressure After Cerebral Hemorrhage. Annals of Neurology, 2019, 85, 105-113.	5.3	25
52	Cystatin C, a novel indicator of renal function, reflects severity of cerebral microbleeds. BMC Neurology, 2014, 14, 127.	1.8	24
53	Anti-inflammatory effects of fimasartan via Akt, ERK, and NF $\hat{\mathbb{P}}$ B pathways on astrocytes stimulated by hemolysate. Inflammation Research, 2016, 65, 115-123.	4.0	24
54	Enforced physical training promotes neurogenesis in the subgranular zone after focal cerebral ischemia. Journal of the Neurological Sciences, 2008, 269, 54-61.	0.6	23

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55	Characteristics and management of stroke in Korea: 2014–2018 data from Korean Stroke Registry. International Journal of Stroke, 2020, 15, 619-626.	5.9	23
56	Atorvastatin enhances hypothermia-induced neuroprotection after stroke. Journal of the Neurological Sciences, 2008, 275, 64-68.	0.6	22
57	Medication Adherence of Statin Users after Acute Ischemic Stroke. European Neurology, 2018, 80, 106-114.	1.4	21
58	Down-regulation of MHC class I expression in human neuronal stem cells using viral stealth mechanism. Biochemical and Biophysical Research Communications, 2005, 326, 825-835.	2.1	20
59	Effects of Duplicate Administration of Human Neural Stem Cell After Focal Cerebral Ischemia in the Rat. International Journal of Neuroscience, 2011, 121, 457-461.	1.6	20
60	Caffeine-Containing Medicines Increase the Risk of Hemorrhagic Stroke. Stroke, 2013, 44, 2139-2143.	2.0	20
61	Nocturnal Desaturation in the Stroke Unit Is Associated With Wake-Up Ischemic Stroke. Stroke, 2016, 47, 1748-1753.	2.0	19
62	Targeted Delivery of Iron Oxide Nanoparticle-Loaded Human Embryonic Stem Cell-Derived Spherical Neural Masses for Treating Intracerebral Hemorrhage. International Journal of Molecular Sciences, 2020, 21, 3658.	4.1	19
63	Excessive Work and Risk of Haemorrhagic Stroke: A Nationwide Case-Control Study. International Journal of Stroke, 2013, 8, 56-61.	5.9	17
64	Officeâ€based biopsies for laryngeal lesions: Analysis of consecutive 581 cases. Laryngoscope, 2016, 126, 2513-2519.	2.0	17
65	Effects of Temperature and Pressure on Acute Stroke Incidence Assessed Using a Korean Nationwide Insurance Database. Journal of Stroke, 2017, 19, 295-303.	3.2	17
66	Intracranial and systemic atherosclerosis in the NAVIGATE ESUS trial: Recurrent stroke risk and response to antithrombotic therapy. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104936.	1.6	17
67	Association of obesity with cerebral microbleeds in neurologically asymptomatic elderly subjects. Journal of Neurology, 2012, 259, 2599-2604.	3.6	16
68	Prognostic importance of weight change on short-term functional outcome in acute ischemic stroke. International Journal of Stroke, 2015, 10, 62-68.	5.9	16
69	Regional Arterial Spin Labeling Perfusion Defect Is Associated With Early Ischemic Recurrence in Patients With a Transient Ischemic Attack. Stroke, 2020, 51, 186-192.	2.0	16
70	Blood Pressure Management for Acute Ischemic and Hemorrhagic Stroke: The Evidence. Seminars in Respiratory and Critical Care Medicine, 2017, 38, 718-725.	2.1	15
71	Triglyceride-glucose index is associated with early neurological deterioration in single subcortical infarction: Early prognosis in single subcortical infarctions. International Journal of Stroke, 2021, 16, 944-952.	5.9	15
72	FLAIR vascular hyperintensities predict early ischemic recurrence in TIA. Neurology, 2018, 90, e738-e744.	1.1	14

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73	Adjuvant interferon-1 ³ treatment in two cases of refractory tuberculosis of the brain. Clinical Neurology and Neurosurgery, 2012, 114, 732-734.	1.4	13
74	Effect of Long-Term Treatment with Fimasartan on Transient Focal Ischemia in Rat Brain. BioMed Research International, 2015, 2015, 1-9.	1.9	13
75	Tachycardia burden in stroke unit is associated with functional outcome after ischemic stroke. International Journal of Stroke, 2016, 11, 313-320.	5.9	13
76	Monitoring cerebral blood flow change through use of arterial spin labelling in acute ischaemic stroke patients after intra-arterial thrombectomy. European Radiology, 2018, 28, 3276-3284.	4.5	13
77	Elevated leukocyte count in asymptomatic subjects is associated with a higher risk for cerebral white matter lesions. Clinical Neurology and Neurosurgery, 2011, 113, 177-180.	1.4	12
78	Cystatin C is a useful predictor of early neurological deterioration following ischaemic stroke in elderly patients with normal renal function. European Stroke Journal, 2017, 2, 23-30.	5.5	12
79	Temporal changes in the neutrophil to lymphocyte ratio and the neurological progression in cryptogenic stroke with active cancer. PLoS ONE, 2018, 13, e0194286.	2.5	12
80	The iScore Predicts Clinical Response to Tissue Plasminogen Activator in Korean Stroke Patients. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 367-373.	1.6	11
81	Nocturnal Desaturation is Associated With Neurological Deterioration Following Ischemic Stroke: A Retrospective Observational Study. Journal of Clinical Sleep Medicine, 2017, 13, 1273-1279.	2.6	10
82	Nonpulsatile Cerebral Perfusion in Takayasu's Arteritis. Journal of Neuroimaging, 2003, 13, 169-171.	2.0	9
83	Building Linked Big Data for Stroke in Korea: Linkage of Stroke Registry and National Health Insurance Claims Data. Journal of Korean Medical Science, 2018, 33, e343.	2.5	9
84	Predicting Functional Outcome Based on Linked Data After Acute Ischemic Stroke: S-SMART Score. Translational Stroke Research, 2020, 11, 1296-1305.	4.2	9
85	Practical Issues to Prevent Stroke Associated with Non-valvular Atrial Fibrillation. Journal of Stroke, 2013, 15, 144.	3.2	9
86	Management of Acute Stroke Patients Amid the Coronavirus Disease 2019 Pandemic: Scientific Statement of the Korean Stroke Society. Journal of Stroke, 2020, 22, 203-205.	3.2	9
87	Negative pressure wound therapy for cervical esophageal perforation with abscess. Auris Nasus Larynx, 2015, 42, 254-257.	1.2	8
88	Frequency and Patterns of Brain Infarction in Patients With Embolic Stroke of Undetermined Source: NAVIGATE ESUS Trial. Stroke, 2022, 53, 45-52.	2.0	8
89	Rivaroxaban versus aspirin for prevention of covert brain infarcts in patients with embolic stroke of undetermined source: NAVIGATE ESUS MRI substudy. International Journal of Stroke, 2022, 17, 799-805.	5.9	8
90	2022 Update of the Korean Clinical Practice Guidelines for Stroke: Antithrombotic Therapy for Patients with Acute Ischemic Stroke or Transient Ischemic Attack. Journal of Stroke, 2022, 24, 166-175.	3.2	8

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91	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
92	Antithrombotic Management of Patients with Nonvalvular Atrial Fibrillation and Ischemic Stroke or Transient Ischemic Attack: Executive Summary of the Korean Clinical Practice Guidelines for Stroke. Journal of Stroke, 2015, 17, 210.	3.2	7
93	Optimal Dosing of Intravenous Unfractionated Heparin Bolus in Transient Ischemic Attack or Stroke. Clinical and Applied Thrombosis/Hemostasis, 2010, 16, 126-131.	1.7	6
94	Staged carotid artery stenting in patients with severe carotid stenosis: Multicenter experience. Journal of Clinical Neuroscience, 2018, 53, 74-78.	1.5	6
95	Effects of Carotid Calcification on Restenosis After Carotid Artery Stenting: A Follow-Up Study with Computed Tomography Angiography. World Neurosurgery, 2018, 117, e514-e521.	1.3	6
96	Risk Allele Frequency Analysis of Single-Nucleotide Polymorphisms for Vitamin D Concentrations in Different Ethnic Group. Genes, 2021, 12, 1530.	2.4	6
97	Changes in Stroke Patients' Health-Seeking Behavior by COVID-19 Epidemic Regions: Data from the Korean Stroke Registry. Cerebrovascular Diseases, 2022, 51, 169-177.	1.7	6
98	Impact of the Dedicated Neurointensivists on the Outcome in Patients with Ischemic Stroke Based on the Linked Big Data for Stroke in Korea. Journal of Korean Medical Science, 2020, 35, e135.	2.5	6
99	Symptomatic intracerebral hematomas in posterior circulation stroke patients anticoagulated with heparin. Journal of Thrombosis and Thrombolysis, 2006, 21, 249-255.	2.1	5
100	Differential expression of HSP70 mRNA in the mouse brain after treatment with geldanamycin. Neurological Research, 2009, 31, 541-544.	1.3	5
101	Lithium fails to enhance neurogenesis in subventricular zone and dentate subgranular zone after intracerebral hemorrhage in rats. Neurological Research, 2014, 36, 79-85.	1.3	5
102	Impact of Guidelines on Clinical Practice. Stroke, 2016, 47, 1577-1583.	2.0	5
103	latrogenic nasal vestibular stenosis after maxillofacial reconstructive surgery. Brazilian Journal of Otorhinolaryngology, 2018, 84, 126-130.	1.0	5
104	Intensive blood pressure lowering with nicardipine and outcomes after intracerebral hemorrhage: An individual participant data systematic review. International Journal of Stroke, 2022, 17, 494-505.	5.9	5
105	Effects of decompressive craniectomy, hypothermia and their combination in a permanent focal cerebral ischemia model. Neuroscience Research Communications, 2004, 35, 73-82.	0.2	4
106	Trends in the Effectiveness of Endovascular Recanalization for Acute Stroke: Is a Change Taking Place?. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 866-873.	1.6	4
107	Personalized Consideration of Admission-Glucose Gap between Estimated Average and Initial Glucose Levels on Short-Term Stroke Outcome. Journal of Personalized Medicine, 2021, 11, 139.	2.5	4
108	Stroke Care During the COVID-19 Pandemic: Asian Stroke Advisory Panel Consensus Statement. Journal of Stroke Medicine, 2021, 4, 7-14.	0.3	4

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109	Glycated Albumin, a Novel Biomarker for Short-Term Functional Outcomes in Acute Ischemic Stroke. Brain Sciences, 2021, 11, 337.	2.3	4
110	Acute Ischemic Stroke in a Young Patient with Left Ventricular Thrombus Attributed to Doxorubicin Cardiomyopathy. Case Reports in Neurology, 2020, 12, 178-182.	0.7	4
111	Teaching Neurolmage: Hippocampal involvement in a patient with hypoglycemic coma. Neurology, 2008, 71, e63-e63.	1.1	3
112	Modification of Acute Stroke Pathway in Korea After the Coronavirus Disease 2019 Outbreak. Frontiers in Neurology, 2020, 11, 597785.	2.4	3
113	Abstract 13: Asymmetry of Deep Medullary Veins in Susceptibility Weighted Imaging is associated with Poor Collaterals in Patients with Acute Ischemic Stroke. Stroke, 2013, 44, .	2.0	3
114	Renal Dysfunction Is Associated with Middle Cerebral Artery Pulsatility Index and Total Burden of Cerebral Small Vessel Disease. Cerebrovascular Diseases, 2021, 50, 722-728.	1.7	1
115	Ischemic preconditioning promotes neurogenesis and angiogenesis after focal cerebral ischemia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S222-S222.	4.3	1
116	Response by Nam et al to Letters Regarding Article, "High Neutrophil-to-Lymphocyte Ratio Predicts Stroke-Associated Pneumonia― Stroke, 2018, 49, e323-e324.	2.0	0
117	Time-dependent systematic migration of intravenously transplanted human neural stem cells in ischemic rats. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S515-S515.	4.3	0
118	Abstract WP100: Hydrogen Sulfide Increases Angiogenesis And Improves Functional Outcome After Stroke, 2013, 44, .	2.0	0
119	10-Year Follow-Up of a Patient with Cerebral Amyloid Angiopathy. Case Reports in Neurology, 2020, 12, 202-206.	0.7	0
120	Asia Pacific Stroke Organization. Stroke, 2021, 52, e844-e845.	2.0	0
121	10th Anniversary of Asia Pacific Stroke Organization: State of Stroke Care and Stroke Research in the Asia Pacific. Cerebrovascular Diseases Extra, 2021, , .	1.5	0
122	Asia Pacific Stroke Conference 2021: Stroke Care in Challenging Times. Cerebrovascular Diseases, 2021, 50, III-VI.	1.7	0
123	Effects of Dose Titration on Dipyridamole-Induced Headache: A Randomized, Double-Blind Clinical Trial. Cerebrovascular Diseases, 2022, 51, 493-498.	1.7	0
124	Abstract 3280: Cystatin C, a Novel Indicator of Kidney Function, Reflects Severity of Cerebral Small Vessel Disease. Stroke, 2012, 43, .	2.0	0
125	Abstract TMP39: Identifying Cerebrovascular Reserve Capacity by Arterial Spin Labeling MR in Patients with Moyamoya Disease. Stroke, 2013, 44, .	2.0	0
126	Abstract T P140: The Intriguing Metabolically Healthy but Obese Phenotype: Association With the Prognosis After Ischemic Stroke. Stroke, 2014, 45, .	2.0	0