Byung-Chul Lee

List of Publications by Year
in descending order

125 papers	4,192 citations	159585 30 h-index	133252 59 g-index
129 all docs	129 docs citations	129 times ranked	5307 citing authors

#	Article	IF	Citations
1	Dabigatran for Prevention of Stroke after Embolic Stroke of Undetermined Source. New England Journal of Medicine, 2019, 380, 1906-1917.	27.0	568
2	A Comparison of Two LDL Cholesterol Targets after Ischemic Stroke. New England Journal of Medicine, 2020, 382, 9-19.	27.0	339
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	Predictive Value of Pulse Pressure in Acute Ischemic Stroke for Future Major Vascular Events. Stroke, 2018, 49, 46-53.	2.0	196
5	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
6	MRI-based Algorithm for Acute Ischemic Stroke Subtype Classification. Journal of Stroke, 2014, 16, 161.	3.2	132
7	Strategic infarct locations for post-stroke cognitive impairment: a pooled analysis of individual patient data from 12 acute ischaemic stroke cohorts. Lancet Neurology, The, 2021, 20, 448-459.	10.2	120
8	Profile of and risk factors for poststroke cognitive impairment in diverse ethnoregional groups. Neurology, 2019, 93, e2257-e2271.	1.1	117
9	Cognitive Impairment Evaluated With Vascular Cognitive Impairment Harmonization Standards in a Multicenter Prospective Stroke Cohort in Korea. Stroke, 2013, 44, 786-788.	2.0	103
10	Current Status of Acute Stroke Management in Korea: A Report on a Multicenter, Comprehensive Acute Stroke Registry. International Journal of Stroke, 2014, 9, 514-518.	5.9	99
11	Stroke outcomes are worse with larger leukoaraiosis volumes. Brain, 2017, 140, 158-170.	7.6	96
12	Secular Trends in Ischemic Stroke Characteristics in a Rapidly Developed Country. Circulation: Cardiovascular Quality and Outcomes, 2012, 5, 327-334.	2.2	87
13	Efficacy of early administration of escitalopram on depressive and emotional symptoms and neurological dysfunction after stroke: a multicentre, double-blind, randomised, placebo-controlled study. Lancet Psychiatry,the, 2017, 4, 33-41.	7.4	85
14	Clinical Outcomes of Posterior Versus Anterior Circulation Infarction With Low National Institutes of Health Stroke Scale Scores. Stroke, 2017, 48, 55-62.	2.0	67
15	Air Pollution Is Associated With Ischemic Stroke via Cardiogenic Embolism. Stroke, 2017, 48, 17-23.	2.0	55
16	Grading and Interpretation of White Matter Hyperintensities Using Statistical Maps. Stroke, 2014, 45, 3567-3575.	2.0	54
17	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
18	International Experience in Stroke Registries. American Journal of Preventive Medicine, 2006, 31, S243-S245.	3.0	46

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19	Mapping the Supratentorial Cerebral Arterial Territories Using 1160 Large Artery Infarcts. JAMA Neurology, 2019, 76, 72.	9.0	46
20	Modest Blood Pressure Reduction with Valsartan in Acute Ischemic Stroke: A Prospective, Randomized, Open-Label, Blinded-End-Point Trial. International Journal of Stroke, 2015, 10, 745-751.	5.9	44
21	Neurologic deterioration in patients with acute ischemic stroke or transient ischemic attack. Neurology, 2020, 95, e2178-e2191.	1.1	44
22	2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. Journal of Stroke, 2019, 21, 231-240.	3.2	44
23	Cortical Hubs and Subcortical Cholinergic Pathways as Neural Substrates of Poststroke Dementia. Stroke, 2014, 45, 1069-1076.	2.0	43
24	STROKOG (stroke and cognition consortium): An international consortium to examine the epidemiology, diagnosis, and treatment of neurocognitive disorders in relation to cerebrovascular disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 7, 11-23.	2.4	41
25	Futile reperfusion and predicted therapeutic benefits after successful endovascular treatment according to initial stroke severity. BMC Neurology, 2019, 19, 11.	1.8	40
26	Benefit of Targeting a LDL (Low-Density Lipoprotein) Cholesterol <70 mg/dL During 5 Years After Ischemic Stroke. Stroke, 2020, 51, 1231-1239.	2.0	39
27	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
28	Recurrent Stroke, Myocardial Infarction, and Major Vascular Events during the First Year after Acute Ischemic Stroke: The Multicenter Prospective Observational Study about Recurrence and Its Determinants after Acute Ischemic Stroke I. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 656-664.	1.6	37
29	Effect of Heart Rate on Stroke Recurrence and Mortality in Acute Ischemic Stroke With Atrial Fibrillation. Stroke, 2020, 51, 162-169.	2.0	36
30	White matter hyperintensity load on stroke recurrence and mortality at 1 year after ischemic stroke. Neurology, 2019, 93, e578-e589.	1.1	34
31	Magnetic Resonance Imaging Versus Computed Tomography Angiography Based Selection for Endovascular Therapy in Patients With Acute Ischemic Stroke. Stroke, 2019, 50, 365-372.	2.0	34
32	Atrial Fibrillation-Associated Ischemic Stroke Patients With Prior Anticoagulation Have Higher Risk for Recurrent Stroke. Stroke, 2020, 51, 1150-1157.	2.0	34
33	Association of ischemic stroke onset time with presenting severity, acute progression, and long-term outcome: A cohort study. PLoS Medicine, 2022, 19, e1003910.	8.4	34
34	Anatomy of phonemic and semantic fluency: A lesion and disconnectome study in 1231 stroke patients. Cortex, 2021, 143, 148-163.	2.4	32
35	Secondary prevention by stroke subtype: a nationwide follow-up study in 46 108 patients after acute ischaemic stroke. European Heart Journal, 2013, 34, 2760-2767.	2.2	31
36	Quality of Anticoagulation with Warfarin in Korean Patients with Atrial Fibrillation and Prior		

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37	Trajectory Groups of 24-Hour Systolic Blood Pressure After Acute Ischemic Stroke and Recurrent Vascular Events. Stroke, 2018, 49, 1836-1842.	2.0	31
38	Association of Prediabetes and Type 2 Diabetes With Cognitive Function After Stroke. Stroke, 2020, 51, 1640-1646.	2.0	29
39	High Neutrophil–Lymphocyte Ratio Predicts Post-stroke Cognitive Impairment in Acute Ischemic Stroke Patients. Frontiers in Neurology, 2021, 12, 693318.	2.4	27
40	Effect of pre-stroke statin use on stroke severity and early functional recovery: a retrospective cohort study. BMC Neurology, 2015, 15, 120.	1.8	26
41	Burden of Ischemic Stroke in Korea: Analysis of Disability-Adjusted Life Years Lost. Journal of Clinical		

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55	High Triglyceride Glucose Index Is Associated with Poor Outcomes in Ischemic Stroke Patients after Reperfusion Therapy. Cerebrovascular Diseases, 2021, 50, 691-699.	1.7	15
56	Simple Estimates of Symptomatic Intracranial Hemorrhage Risk and Outcome after Intravenous Thrombolysis Using Age and Stroke Severity. Journal of Stroke, 2017, 19, 229-231.	3.2	15
57	Serotonin transporter gene polymorphisms may be associated with poststroke neurological recovery after escitalopram use. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 271-276.	1.9	14
58	Validity of the Montreal Cognitive Assessment (MoCA) Index Scores: a Comparison with the Cognitive Domain Scores of the Seoul Neuropsychological Screening Battery (SNSB). Dementia and Neurocognitive Disorders, 2021, 20, 28.	1.4	14
59	2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. Neurointervention, 2019, 14, 71-81.	0.8	14
60	Nationwide Estimation of Eligibility for Endovascular Thrombectomy Based on the DAWN Trial. Journal of Stroke, 2018, 20, 277-279.	3.2	14
61	Intracranial Hemorrhage in the TST Trial. Stroke, 2022, 53, 457-462.	2.0	14
62	Medial Temporal Atrophy and Memory Dysfunction in Poststroke Cognitive Impairment-No Dementia.		

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73	Comparative Effectiveness of Dual Antiplatelet Therapy With Aspirin and Clopidogrel Versus Aspirin Monotherapy in Mild-to-Moderate Acute Ischemic Stroke According to the Risk of Recurrent Stroke. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e006474.	2.2	10
74	A Methodological Perspective on the Longitudinal Cognitive Change after Stroke. Dementia and Geriatric Cognitive Disorders, 2017, 44, 311-319.	1.5	9
75	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
76	Predicting Functional Outcome Based on Linked Data After Acute Ischemic Stroke: S-SMART Score. Translational Stroke Research, 2020, 11, 1296-1305.	4.2	9
77	Relation of Preâ€Stroke Aspirin Use With Cerebral Infarct Volume and Functional Outcomes. Annals of Neurology, 2021, 90, 763-776.	5.3	9
78	A Case of Painful Hemimasticatory Spasm with Masseter Muscle Hypertrophy Responsive to Botulinum Toxin. Journal of Movement Disorders, 2009, 2, 95-97.	1.3	8
79	Long-term prognosis of symptomatic isolated middle cerebral artery disease in Korean stroke patients. BMC Neurology, 2011, 11, 138.	1.8	8
80	Effectiveness of Adding Antiplatelets to Oral Anticoagulants in Patients with Acute Ischemic Stroke with Atrial Fibrillation and Concomitant Large Artery Steno-Occlusion. Translational Stroke Research, 2020, 11, 1322-1331.	4.2	8
81	Effects of Glycemic Gap on Post-Stroke Cognitive Impairment in Acute Ischemic Stroke Patients. Brain Sciences, 2021, 11, 612.	2.3	8
82	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
83	Disproportionate Decline of Executive Functions in Early Mild Cognitive Impairment, Late Mild Cognitive Impairment, and Mild Alzheimerâ€™s Disease. Dementia and Neurocognitive Disorders, 2016, 15, 159.	1.4	7
84	Impact of 25-Hydroxyvitamin D on the Prognosis of Acute Ischemic Stroke: Machine Learning Approach. Frontiers in Neurology, 2020, 11, 37.	2.4	7
85	Strategic Infarct Locations for Poststroke Depressive Symptoms: A Lesion- and Disconnection-Symptom Mapping Study. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2023, 8, 387-396.	1.5	7
86	Risk of recurrent stroke and antiplatelet choice in breakthrough stroke while on aspirin. Scientific Reports, 2020, 10, 16723.	3.3	6
87	Factors associated with the dosing of edoxaban for stroke prevention in patients with atrial fibrillation from South Korea and Taiwan: 1-year data from the Global ETNA-AF Program. Journal of the Chinese Medical Association, 2021, 84, 485-490.	1.4	6
88	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
89	Effect of Heart Rate on 1â€Year Outcome for Patients With Acute Ischemic Stroke. Journal of the American Heart Association, 2022, 11, e025861.	3.7	6
90	Effect of Transport Time on the Use of Reperfusion Therapy for Patients with Acute Ischemic Stroke in Korea. Journal of Korean Medical Science, 2021, 36, e77.	2.5	5

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91	Dabigatran or Aspirin in East Asian Patients With Embolic Stroke of Undetermined Source. Stroke, 2021, 52, 1069-1073.	2.0	5
92	Intravenous Tissue Plasminogen Activator Improves the Outcome in Very Elderly Korean Patients with Acute Ischemic Stroke. Journal of Stroke, 2015, 17, 327-335.	3.2	5
93	Prestroke Antiplatelet Effect on Symptomatic Intracranial Hemorrhage and Functional Outcome in Intravenous Thrombolysis. Journal of Stroke, 2016, 18, 344-351.	3.2	5
94	Estimation of Acute Infarct Volume with Reference Maps: A Simple Visual Tool for Decision Making in Thrombectomy Cases. Journal of Stroke, 2019, 21, 69-77.	3.2	5
95	Transesophageal Echocardiography in Ischemic Stroke With Atrial Fibrillation. Journal of the American Heart Association, 2021, 10, e022242.	3.7	5
96	Stroke of Other Determined Etiology: Results From the Nationwide Multicenter Stroke Registry. Stroke, 2022, 53, 2597-2606.	2.0	5
97	Prediction of White Matter Hyperintensity in Brain MRI Using Fundus Photographs via Deep Learning. Journal of Clinical Medicine, 2022, 11, 3309.	2.4	5
98	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
99	Post-Stroke Depressive Symptoms: Varying Responses to Escitalopram by Individual Symptoms and Lesion Location. Journal of Geriatric Psychiatry and Neurology, 2021, 34, 565-573.	2.3	4
100	Timing of Transfusion, not Hemoglobin Variability, Is Associated with 3-Month Outcomes in Acute Ischemic Stroke. Journal of Clinical Medicine, 2020, 9, 1566.	2.4	4
101	Depressive Symptoms in Stroke Patients: Are There Sex Differences?. Cerebrovascular Diseases, 2020, 49, 19-25.	1.7	4
102	Cilostazol and Probucol for Cognitive Decline after Stroke: A Cognitive Outcome Substudy of the PICASSO Trial. Journal of Stroke, 2021, 23, 128-131.	3.2	4
103	Treatment Intensification for Elevated Blood Pressure and Risk of Recurrent Stroke. Journal of the American Heart Association, 2021, 10, e019457.	3.7	4
104	Comparative effectiveness of combined antiplatelet treatments in acute minor ischaemic stroke. Stroke and Vascular Neurology, 2021, , svn-2020-000841.	3.3	4
105	CHA2DS2-VASc score in acute ischemic stroke with atrial fibrillation: results from the Clinical Research Collaboration for Stroke in Korea. Scientific Reports, 2021, 11, 793.	3.3	4
106	Physicians' Attitudes Toward Guidelines for Stroke: A Survey of Korean Neurologists. Journal of Stroke, 2014, 16, 81.	3.2	4
107	Network impact score is an independent predictor of post-stroke cognitive impairment: A multicenter cohort study in 2341 patients with acute ischemic stroke. NeuroImage: Clinical, 2022, 34, 103018.	2.7	4
108	Individual-Level Lesion-Network Mapping to Visualize the Effects of a Stroke Lesion on the Brain		

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109	Differential effects of body mass index on domain-specific cognitive outcomes after stroke. Scientific Reports, 2021, 11, 14168.	3.3	3
110	Association between Serum Insulin-Like Growth Factor-1 and Neurological Severity in Acute Ischemic		