

Sang-Bae Ko

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

2,684
citations

218592

26
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233338

45
g-index

114
all docs

114
docs citations

114
times ranked

3530
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mesenchymal stem cell-derived magnetic extracellular nanovesicles for targeting and treatment of ischemic stroke. <i>Biomaterials</i> , 2020, 243, 119942. | 5.7 | 176 |
| 2 | Prevention of Shivering During Therapeutic Temperature Modulation: The Columbia Anti-Shivering Protocol. <i>Neurocritical Care</i> , 2011, 14, 389-394. | 1.2 | 159 |
| 3 | High Neutrophil-to-Lymphocyte Ratio Predicts Stroke-Associated Pneumonia. <i>Stroke</i> , 2018, 49, 1886-1892. | 1.0 | 152 |
| 4 | Cerebral Perfusion Pressure Thresholds for Brain Tissue Hypoxia and Metabolic Crisis After Poor-Grade Subarachnoid Hemorrhage. <i>Stroke</i> , 2011, 42, 1351-1356. | 1.0 | 138 |
| 5 | The Significance of Blood Pressure Variability for the Development of Hemorrhagic Transformation in Acute Ischemic Stroke. <i>Stroke</i> , 2010, 41, 2512-2518. | 1.0 | 97 |
| 6 | Quantitative Analysis of Hemorrhage Volume for Predicting Delayed Cerebral Ischemia After Subarachnoid Hemorrhage. <i>Stroke</i> , 2011, 42, 669-674. | 1.0 | 83 |
| 7 | Lesion Patterns and Mechanism of Ischemia in Internal Carotid Artery Disease. <i>Archives of Neurology</i> , 2002, 59, 1577. | 4.9 | 78 |
| 8 | Diffusion-weighted MR findings of central pontine and extrapontine myelinolysis. <i>Acta Neurologica Scandinavica</i> , 2001, 104, 385-388. | 1.0 | 67 |
| 9 | Multimodality Monitoring for Cerebral Perfusion Pressure Optimization in Comatose Patients With Intracerebral Hemorrhage. <i>Stroke</i> , 2011, 42, 3087-3092. | 1.0 | 66 |
| 10 | Update of the Korean Clinical Practice Guidelines for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. <i>Journal of Stroke</i> , 2016, 18, 102-113. | 1.4 | 61 |
| 11 | D-dimer as a predictor of early neurologic deterioration in cryptogenic stroke with active cancer. <i>European Journal of Neurology</i> , 2017, 24, 205-211. | 1.7 | 60 |
| 12 | Blood pressure variability and hemorrhagic transformation in patients with successful recanalization after endovascular recanalization therapy: A retrospective observational study. <i>Annals of Neurology</i> , 2019, 85, 574-581. | 2.8 | 57 |
| 13 | Global Cerebral Edema and Brain Metabolism After Subarachnoid Hemorrhage. <i>Stroke</i> , 2011, 42, 1534-1539. | 1.0 | 56 |
| 14 | Intracerebral Monitoring of Silent Infarcts After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2011, 14, 162-167. | 1.2 | 54 |
| 15 | Endovascular Recanalization Therapy in Acute Ischemic Stroke: Updated Meta-analysis of Randomized Controlled Trials. <i>Journal of Stroke</i> , 2015, 17, 268-281. | 1.4 | 51 |
| 16 | Pretreatment with low-dose fimasartan ameliorates NLRP3 inflammasome-mediated neuroinflammation and brain injury after intracerebral hemorrhage. <i>Experimental Neurology</i> , 2018, 310, 22-32. | 2.0 | 46 |
| 17 | 2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. <i>Journal of Stroke</i> , 2019, 21, 231-240. | 1.4 | 44 |
| 18 | Significant association of metabolic syndrome with silent brain infarction in elderly people. <i>Journal of Neurology</i> , 2009, 256, 1825-1831. | 1.8 | 41 |

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|----|---|-----|-----------|
| 19 | Perioperative stroke: pathophysiology and management. Korean Journal of Anesthesiology, 2018, 71, 3. | 0.9 | 41 |
| 20 | Status Epilepticusâ€“Induced Hyperemia and Brain Tissue Hypoxia After Cardiac Arrest. Archives of Neurology, 2011, 68, 1323. | 4.9 | 39 |
| 21 | Geriatric nutritional risk index predicts poor outcomes in patients with acute ischemic strokeâ€“Automated undernutrition screen tool. PLoS ONE, 2020, 15, e0228738. | 1.1 | 39 |
| 22 | Multimodality Monitoring in the Neurointensive Care Unit: A Special Perspective for Patients with Stroke. Journal of Stroke, 2013, 15, 99. | 1.4 | 38 |
| 23 | Acute Effects of Nimodipine on Cerebral Vasculature and Brain Metabolism in High Grade Subarachnoid Hemorrhage Patients. Neurocritical Care, 2012, 16, 363-367. | 1.2 | 37 |
| 24 | Treatment of Cryptogenic Stroke with Active Cancer with a New Oral Anticoagulant. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 2976-2980. | 0.7 | 33 |
| 25 | Predictors of 30-day mortality and the risk of recurrent systemic thromboembolism in cancer patients suffering acute ischemic stroke. PLoS ONE, 2017, 12, e0172793. | 1.1 | 31 |
| 26 | Real time estimation of brain water content in comatose patients. Annals of Neurology, 2012, 72, 344-350. | 2.8 | 26 |
| 27 | Quantification of Cerebral Edema After Subarachnoid Hemorrhage. Neurocritical Care, 2016, 25, 64-70. | 1.2 | 26 |
| 28 | Intravenous Thrombolysis in Acute Ischemic Stroke with Active Cancer. BioMed Research International, 2017, 2017, 1-5. | 0.9 | 26 |
| 29 | Senolytic Therapy for Cerebral Ischemia-Reperfusion Injury. International Journal of Molecular Sciences, 2021, 22, 11967. | 1.8 | 26 |
| 30 | Fluid Responsiveness and Brain Tissue Oxygen Augmentation After Subarachnoid Hemorrhage. Neurocritical Care, 2014, 20, 247-254. | 1.2 | 25 |
| 31 | Assessment of cerebral autoregulation using continuous-wave near-infrared spectroscopy during squat-stand maneuvers in subjects with symptoms of orthostatic intolerance. Scientific Reports, 2018, 8, 13257. | 1.6 | 25 |
| 32 | A Case of Multiple Brain Infarctions Associated With Erysipelothrix rhusiopathiae Endocarditis. Archives of Neurology, 2003, 60, 434. | 4.9 | 24 |
| 33 | Ferrous and ferric iron accumulates in the brain of aged Longâ€“Evans Cinnamon rats, an animal model of Wilson's disease. Neuroscience Letters, 2005, 382, 143-147. | 1.0 | 24 |
| 34 | Anti-inflammatory effects of fimasartan via Akt, ERK, and NFÎ²B pathways on astrocytes stimulated by hemolysate. Inflammation Research, 2016, 65, 115-123. | 1.6 | 24 |
| 35 | Effectiveness and Safety of Direct Oral Anticoagulant for Secondary Prevention in Asians with Atrial Fibrillation. Journal of Clinical Medicine, 2019, 8, 2228. | 1.0 | 24 |
| 36 | Significance of aortic atherosclerotic disease in possibly embolic stroke: 64-multidetector row computed tomography study. Journal of Neurology, 2010, 257, 699-705. | 1.8 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Characteristics and management of stroke in Korea: 2014–2018 data from Korean Stroke Registry. <i>International Journal of Stroke</i> , 2020, 15, 619-626. | 2.9 | 23 |
| 38 | Neurological Pupil Index as an Indicator of Neurological Worsening in Large Hemispheric Strokes. <i>Neurocritical Care</i> , 2020, 33, 575-581. | 1.2 | 22 |
| 39 | DYT1 mutation in Korean primary dystonia patients. <i>Parkinsonism and Related Disorders</i> , 2004, 10, 421-423. | 1.1 | 21 |
| 40 | Neutrophil-to-lymphocyte ratio predicts early worsening in stroke due to large vessel disease. <i>PLoS ONE</i> , 2019, 14, e0221597. | 1.1 | 20 |
| 41 | Morphine-Sensitive Paroxysmal Sympathetic Storm in Pontine Intracerebral Hemorrhage. <i>Neurologist</i> , 2010, 16, 384-385. | 0.4 | 19 |
| 42 | Nocturnal Desaturation in the Stroke Unit Is Associated With Wake-Up Ischemic Stroke. <i>Stroke</i> , 2016, 47, 1748-1753. | 1.0 | 19 |
| 43 | Targeted Delivery of Iron Oxide Nanoparticle-Loaded Human Embryonic Stem Cell-Derived Spherical Neural Masses for Treating Intracerebral Hemorrhage. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3658. | 1.8 | 19 |
| 44 | A Case of Adult Onset Tic Disorder Following Carbon Monoxide Intoxication. <i>Canadian Journal of Neurological Sciences</i> , 2004, 31, 268-270. | 0.3 | 18 |
| 45 | Mechanisms of Functional Recovery after Stroke. <i>Frontiers of Neurology and Neuroscience</i> , 2013, 32, 1-8. | 3.0 | 17 |
| 46 | Prognostic importance of weight change on short-term functional outcome in acute ischemic stroke. <i>International Journal of Stroke</i> , 2015, 10, 62-68. | 2.9 | 16 |
| 47 | Regional Arterial Spin Labeling Perfusion Defect Is Associated With Early Ischemic Recurrence in Patients With a Transient Ischemic Attack. <i>Stroke</i> , 2020, 51, 186-192. | 1.0 | 16 |
| 48 | Short-term glycemic variability and hemorrhagic transformation after successful endovascular thrombectomy. <i>Translational Stroke Research</i> , 2021, 12, 968-975. | 2.3 | 16 |
| 49 | Clinical Practice Guidelines for the Medical and Surgical Management of Primary Intracerebral Hemorrhage in Korea. <i>Journal of Korean Neurosurgical Society</i> , 2014, 56, 175. | 0.5 | 16 |
| 50 | Diastolic Dysfunction and Outcome in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2016, 41, 148-155. | 0.8 | 15 |
| 51 | Acute effects of intraventricular nicardipine on cerebral hemodynamics: A preliminary finding. <i>Clinical Neurology and Neurosurgery</i> , 2016, 144, 48-52. | 0.6 | 15 |
| 52 | Blood Pressure Management for Acute Ischemic and Hemorrhagic Stroke: The Evidence. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2017, 38, 718-725. | 0.8 | 15 |
| 53 | Triglyceride-glucose index is associated with early neurological deterioration in single subcortical infarction: Early prognosis in single subcortical infarctions. <i>International Journal of Stroke</i> , 2021, 16, 944-952. | 2.9 | 15 |
| 54 | Prolonged sleep increases the risk of intracerebral haemorrhage: a nationwide case-control study. <i>European Journal of Neurology</i> , 2016, 23, 1036-1043. | 1.7 | 14 |

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|----|---|-----|-----------|
| 55 | FLAIR vascular hyperintensities predict early ischemic recurrence in TIA. <i>Neurology</i> , 2018, 90, e738-e744. | 1.5 | 14 |
| 56 | 2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. <i>Neurointervention</i> , 2019, 14, 71-81. | 0.5 | 14 |
| 57 | Effect of Long-Term Treatment with Fimasartan on Transient Focal Ischemia in Rat Brain. <i>BioMed Research International</i> , 2015, 2015, 1-9. | 0.9 | 13 |
| 58 | Tachycardia burden in stroke unit is associated with functional outcome after ischemic stroke. <i>International Journal of Stroke</i> , 2016, 11, 313-320. | 2.9 | 13 |
| 59 | Epileptiform discharge detection with the 4-channel frontal electroencephalography during post-resuscitation care. <i>Resuscitation</i> , 2017, 117, 8-13. | 1.3 | 13 |
| 60 | Combined Intravenous and Intraarterial Revascularization Therapy Using MRI Perfusion/Diffusion Mismatch Selection for Acute Ischemic Stroke at 3-6 Hours After Symptom Onset. <i>Neurocritical Care</i> , 2008, 8, 353-359. | 1.2 | 12 |
| 61 | Clinical Syndromes and Management of Intracerebral Hemorrhage. <i>Current Atherosclerosis Reports</i> , 2012, 14, 307-313. | 2.0 | 12 |
| 62 | Updated Korean Clinical Practice Guidelines on Decompressive Surgery for Malignant Middle Cerebral Artery Territory Infarction. <i>Journal of Stroke</i> , 2015, 17, 369-376. | 1.4 | 12 |
| 63 | Cystatin C is a useful predictor of early neurological deterioration following ischaemic stroke in elderly patients with normal renal function. <i>European Stroke Journal</i> , 2017, 2, 23-30. | 2.7 | 12 |
| 64 | Decompressive craniectomy for herpes simplex encephalitis complicated by frank intracerebral hemorrhage: a case report and review of the literature. <i>BMC Neurology</i> , 2018, 18, 176. | 0.8 | 12 |
| 65 | Temporal changes in the neutrophil to lymphocyte ratio and the neurological progression in cryptogenic stroke with active cancer. <i>PLoS ONE</i> , 2018, 13, e0194286. | 1.1 | 12 |
| 66 | Optimizing Nitrogen Balance Is Associated with Better Outcomes in Neurocritically Ill Patients. <i>Nutrients</i> , 2020, 12, 3137. | 1.7 | 12 |
| 67 | Pearls & Oysters: The effects of renal replacement therapy on cerebral autoregulation. <i>Neurology</i> , 2012, 78, e36-8. | 1.5 | 11 |
| 68 | Early Detection of Cerebral Infarction With Middle Cerebral Artery Occlusion With Functional Near-Infrared Spectroscopy: A Pilot Study. <i>Frontiers in Neurology</i> , 2018, 9, 898. | 1.1 | 11 |
| 69 | Role of Cardiac Multidetector Computed Tomography in Acute Ischemic Stroke: A Preliminary Report. <i>Cerebrovascular Diseases</i> , 2010, 29, 313-320. | 0.8 | 10 |
| 70 | Nocturnal Desaturation is Associated With Neurological Deterioration Following Ischemic Stroke: A Retrospective Observational Study. <i>Journal of Clinical Sleep Medicine</i> , 2017, 13, 1273-1279. | 1.4 | 10 |
| 71 | Building Linked Big Data for Stroke in Korea: Linkage of Stroke Registry and National Health Insurance Claims Data. <i>Journal of Korean Medical Science</i> , 2018, 33, e343. | 1.1 | 9 |
| 72 | Prognostication of neurological outcome after cardiac arrest using wavelet phase coherence analysis of cerebral oxygen. <i>Resuscitation</i> , 2020, 150, 41-49. | 1.3 | 9 |

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|----|---|------|-----------|
| 73 | Predicting Functional Outcome Based on Linked Data After Acute Ischemic Stroke: S-SMART Score. <i>Translational Stroke Research</i> , 2020, 11, 1296-1305. | 2.3 | 9 |
| 74 | Management of Acute Stroke Patients Amid the Coronavirus Disease 2019 Pandemic: Scientific Statement of the Korean Stroke Society. <i>Journal of Stroke</i> , 2020, 22, 203-205. | 1.4 | 9 |
| 75 | Impact of Fever Prevention in Brain-Injured Patients (INTREPID): Study Protocol for a Randomized Controlled Trial. <i>Neurocritical Care</i> , 2021, 35, 577-589. | 1.2 | 8 |
| 76 | Effect of a rapid response system on code rates and in-hospital mortality in medical wards. <i>Acute and Critical Care</i> , 2019, 34, 246-254. | 0.6 | 8 |
| 77 | Metronidazole-induced encephalopathy in a patient with Crohn's disease. <i>Intestinal Research</i> , 2017, 15, 124. | 1.0 | 8 |
| 78 | 2022 Update of the Korean Clinical Practice Guidelines for Stroke: Antithrombotic Therapy for Patients with Acute Ischemic Stroke or Transient Ischemic Attack. <i>Journal of Stroke</i> , 2022, 24, 166-175. | 1.4 | 8 |
| 79 | Giant Rectus Sheath Hematoma After Therapeutic Paracentesis Resulting in Hemodynamic Instability in the Intensive Care Unit. <i>Hospital Practice (1995)</i> , 2010, 38, 52-55. | 0.5 | 7 |
| 80 | Clopidogrel may decrease the risk of post-stroke infection after ischaemic stroke. <i>European Journal of Neurology</i> , 2019, 26, 261-267. | 1.7 | 7 |
| 81 | Predictors of ischemic stroke for low-risk patients with atrial fibrillation: A matched case-control study. <i>Heart Rhythm</i> , 2021, 18, 702-708. | 0.3 | 7 |
| 82 | Carotid cavernous fistula with cervical myelopathy. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 1350-1353. | 0.8 | 6 |
| 83 | Changes in Stroke Patients' Health-Seeking Behavior by COVID-19 Epidemic Regions: Data from the Korean Stroke Registry. <i>Cerebrovascular Diseases</i> , 2022, 51, 169-177. | 0.8 | 6 |
| 84 | Impact of the Dedicated Neurointensivists on the Outcome in Patients with Ischemic Stroke Based on the Linked Big Data for Stroke in Korea. <i>Journal of Korean Medical Science</i> , 2020, 35, e135. | 1.1 | 6 |
| 85 | Implication of Neurological Pupil Index for Monitoring of Brain Edema. <i>Acute and Critical Care</i> , 2018, 33, 57-60. | 0.6 | 5 |
| 86 | Teaching NeuroImage: Hippocampal involvement in a patient with hypoglycemic coma. <i>Neurology</i> , 2008, 71, e63-e63. | 1.5 | 3 |
| 87 | General Management of Acute Stroke. <i>Journal of the Korean Medical Association</i> , 2009, 52, 334. | 0.1 | 3 |
| 88 | Acute Optic-Nerve Infarction in Carotid Dissection. <i>New England Journal of Medicine</i> , 2010, 363, 765-765. | 13.9 | 3 |
| 89 | Quantitative analysis of hemorrhage clearance and delayed cerebral ischemia after subarachnoid hemorrhage. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 923-926. | 2.0 | 3 |
| 90 | Modification of Acute Stroke Pathway in Korea After the Coronavirus Disease 2019 Outbreak. <i>Frontiers in Neurology</i> , 2020, 11, 597785. | 1.1 | 3 |

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| 91 | Neostigmine for Treating Acute Colonic Pseudo-Obstruction in Neurocritically Ill Patients. Journal of | | |
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|-----|---|-----|-----------|
| 109 | Response to the comment "Long sleep duration: an epiphenomenon or a risk for stroke?" TM . European Journal of Neurology, 2016, 23, e45. | 1.7 | 0 |
| 110 | Critical and Medical Management in Acute Stage of Ischemic Stroke. , 2017, , 157-169. | | 0 |
| 111 | Idiopathic Intracranial Hypertension in Patient with Polycystic Ovary Syndromes. Journal of the Korean Neurological Association, 2015, 33, 232-234. | 0.0 | 0 |
| 112 | Abstract 3280: Cystatin C, a Novel Indicator of Kidney Function, Reflects Severity of Cerebral Small Vessel Disease. Stroke, 2012, 43, . | 1.0 | 0 |