

# Thomas W Leung

## List of Publications by Year in descending order

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Version: 2024-02-01

137  
papers

4,778  
citations

126907

33  
h-index

128289

60  
g-index

140  
all docs

140  
docs citations

140  
times ranked

5715  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                    | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Prevalence and Outcomes of Symptomatic Intracranial Large Artery Stenoses and Occlusions in China. <i>Stroke</i> , 2014, 45, 663-669.                                                                                      | 2.0  | 492       |
| 2  | Endovascular treatment versus standard medical treatment for vertebrobasilar artery occlusion (BEST): an open-label, randomised controlled trial. <i>Lancet Neurology</i> , The, 2020, 19, 115-122.                        | 10.2 | 383       |
| 3  | Systematic Review of Guidelines for the Management of Asymptomatic and Symptomatic Carotid Stenosis. <i>Stroke</i> , 2015, 46, 3288-3301.                                                                                  | 2.0  | 223       |
| 4  | Risk vs benefit of anti-thrombotic therapy in ischaemic stroke patients with cerebral microbleeds. <i>Journal of Neurology</i> , 2008, 255, 1679-1686.                                                                     | 3.6  | 172       |
| 5  | Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , The, 2019, 18, 653-665.             | 10.2 | 143       |
| 6  | Strategic infarct location for post-stroke cognitive impairment: A multivariate lesion-symptom mapping study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1299-1311.                                  | 4.3  | 136       |
| 7  | Impaired cerebral autoregulation: measurement and application to stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 520-531.                                                                     | 1.9  | 114       |
| 8  | Impact of collaterals on the efficacy and safety of endovascular treatment in acute ischaemic stroke: a systematic review and meta-analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 537-544. | 1.9  | 106       |
| 9  | Myopathic Changes Associated With Severe Acute Respiratory Syndrome. <i>Archives of Neurology</i> , 2005, 62, 1113.                                                                                                        | 4.5  | 104       |
| 10 | Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021, 16, 573-584.                                                                                                                      | 5.9  | 104       |
| 11 | Impact of Collateral Status on Successful Revascularization in Endovascular Treatment: A Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , 2016, 41, 27-34.                                           | 1.7  | 84        |
| 12 | Significance of Good Collateral Compensation in Symptomatic Intracranial Atherosclerosis. <i>Cerebrovascular Diseases</i> , 2012, 33, 517-524.                                                                             | 1.7  | 71        |
| 13 | Current Status of Endovascular Treatment for Acute Large Vessel Occlusion in China. <i>Stroke</i> , 2021, 52, 1203-1212.                                                                                                   | 2.0  | 71        |
| 14 | Geographic and Sex Difference in the Distribution of Intracranial Atherosclerosis in China. <i>Stroke</i> , 2013, 44, 2109-2114.                                                                                           | 2.0  | 68        |
| 15 | Hemodynamics and stroke risk in intracranial atherosclerotic disease. <i>Annals of Neurology</i> , 2019, 85, 752-764.                                                                                                      | 5.3  | 65        |
| 16 | Principles of precision medicine in stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 54-61.                                                                                                    | 1.9  | 64        |
| 17 | Delayed onset dementia after stroke or transient ischemic attack. <i>Alzheimer's and Dementia</i> , 2016, 12, 1167-1176.                                                                                                   | 0.8  | 61        |
| 18 | Autonomic Dysfunction Predicts Clinical Outcomes After Acute Ischemic Stroke. <i>Stroke</i> , 2018, 49, 215-218.                                                                                                           | 2.0  | 59        |

| #  | ARTICLE                                                                                                                                                                                                                                                                                                                      | IF   | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Good collateral circulation predicts favorable outcomes in intravenous thrombolysis: a systematic review and meta-analysis. <i>European Journal of Neurology</i> , 2016, 23, 1738-1749.                                                                                                                                      | 3.3  | 57        |
| 20 | Computational Fluid Dynamics Modeling of Symptomatic Intracranial Atherosclerosis May Predict Risk of Stroke Recurrence. <i>PLoS ONE</i> , 2014, 9, e97531.                                                                                                                                                                  | 2.5  | 54        |
| 21 | Stroke Mechanisms in Symptomatic Intracranial Atherosclerotic Disease. <i>Stroke</i> , 2019, 50, 2692-2699.                                                                                                                                                                                                                  | 2.0  | 54        |
| 22 | External Counterpulsation Augments Blood Pressure and Cerebral Flow Velocities in Ischemic Stroke Patients With Cerebral Intracranial Large Artery Occlusive Disease. <i>Stroke</i> , 2012, 43, 3007-3011.                                                                                                                   | 2.0  | 52        |
| 23 | Comprehensive Assessment for Autonomic Dysfunction in Different Phases after Ischemic Stroke. <i>International Journal of Stroke</i> , 2013, 8, 645-651.                                                                                                                                                                     | 5.9  | 47        |
| 24 | The prognosis of acute symptomatic seizures after ischaemic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 86-94.                                                                                                                                                                              | 1.9  | 46        |
| 25 | Preliminary Findings of External Counterpulsation for Ischemic Stroke Patient With Large Artery Occlusive Disease. <i>Stroke</i> , 2008, 39, 1340-1343.                                                                                                                                                                      | 2.0  | 45        |
| 26 | Symptomatic Intracranial Stenosis: Cerebrovascular Complications from Elective Stent Placement. <i>Radiology</i> , 2007, 243, 188-197.                                                                                                                                                                                       | 7.3  | 42        |
| 27 | The Effectiveness of Dual Antiplatelet Treatment in Acute Ischemic Stroke Patients with Intracranial Arterial Stenosis: A Subgroup Analysis of CLAIR Study. <i>International Journal of Stroke</i> , 2013, 8, 663-668.                                                                                                       | 5.9  | 42        |
| 28 | Acute basilar artery occlusion: Endovascular Interventions versus Standard Medical Treatment (BEST) Trial—Design and protocol for a randomized, controlled, multicenter study. <i>International Journal of Stroke</i> , 2017, 12, 779-785.                                                                                   | 5.9  | 42        |
| 29 | Sustaining cerebral perfusion in intracranial atherosclerotic stenosis: The roles of antegrade residual flow and leptomeningeal collateral flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 126-134.                                                                                                   | 4.3  | 42        |
| 30 | Angioplasty and Stenting of Atherosclerotic Middle Cerebral Arteries with Wingspan: Evaluation of Clinical Outcome, Restenosis, and Procedure Outcome. <i>American Journal of Neuroradiology</i> , 2011, 32, 753-758.                                                                                                        | 2.4  | 38        |
| 31 | Reversible Cerebral Vasoconstriction Syndrome with Posterior Leucoencephalopathy after Oral Contraceptive Pills. <i>Cephalalgia</i> , 2010, 30, 42-45.                                                                                                                                                                       | 3.9  | 37        |
| 32 | Development of imaging-based risk scores for prediction of intracranial haemorrhage and ischaemic stroke in patients taking antithrombotic therapy after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , The, 2021, 20, 294-303. | 10.2 | 37        |
| 33 | Evolution of intracranial atherosclerotic disease under modern medical therapy. <i>Annals of Neurology</i> , 2015, 77, 478-486.                                                                                                                                                                                              | 5.3  | 36        |
| 34 | Is Dynamic Cerebral Autoregulation Bilaterally Impaired after Unilateral Acute Ischemic Stroke?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1081-1087.                                                                                                                                                | 1.6  | 36        |
| 35 | Evaluation of Carotid Angioplasty and Stenting for Radiation-Induced Carotid Stenosis. <i>Stroke</i> , 2014, 45, 1402-1407.                                                                                                                                                                                                  | 2.0  | 35        |
| 36 | Preliminary findings of the effects of autonomic dysfunction on functional outcome after acute ischemic stroke. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 316-320.                                                                                                                                             | 1.4  | 34        |

| #  | ARTICLE                                                                                                                                                                                                                           | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Perforator stroke after elective stenting of symptomatic intracranial stenosis. <i>Neurology</i> , 2007, 68, 1237-1237.                                                                                                           | 1.1 | 33        |
| 38 | Comparison of Newtonian and Non-newtonian Fluid Models in Blood Flow Simulation in Patients With Intracranial Arterial Stenosis. <i>Frontiers in Physiology</i> , 2021, 12, 718540.                                               | 2.8 | 33        |
| 39 | Low-Molecular-Weight Heparin and Early Neurologic Deterioration in Acute Stroke Caused by Large Artery Occlusive Disease. <i>Archives of Neurology</i> , 2012, 69, 1454.                                                          | 4.5 | 32        |
| 40 | Angioplasty and stenting of intracranial atherosclerosis with the Wingspan system: 1-year clinical and radiological outcome in a single Asian center. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 96-102.            | 3.3 | 32        |
| 41 | Learning curve of Wingspan stenting for intracranial atherosclerosis: single-center experience of 95 consecutive patients. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 212-218.                                      | 3.3 | 31        |
| 42 | Early Identification of High-Risk TIA or Minor Stroke Using Artificial Neural Network. <i>Frontiers in Neurology</i> , 2019, 10, 171.                                                                                             | 2.4 | 31        |
| 43 | Postmortem Study Exploring Distribution and Patterns of Intracranial Artery Calcification. <i>Stroke</i> , 2018, 49, 2767-2769.                                                                                                   | 2.0 | 29        |
| 44 | Protocols of non-invasive brain stimulation for neuroplasticity induction. <i>Neuroscience Letters</i> , 2020, 719, 133437.                                                                                                       | 2.1 | 29        |
| 45 | Regional High Wall Shear Stress Associated With Stenosis Regression in Symptomatic Intracranial Atherosclerotic Disease. <i>Stroke</i> , 2020, 51, 3064-3073.                                                                     | 2.0 | 29        |
| 46 | Indoor incense burning impacts cognitive functions and brain functional connectivity in community older adults. <i>Scientific Reports</i> , 2020, 10, 7090.                                                                       | 3.3 | 28        |
| 47 | Stroke Outcome Prediction by Blood Pressure Variability, Heart Rate Variability, and Baroreflex Sensitivity. <i>Stroke</i> , 2020, 51, 1317-1320.                                                                                 | 2.0 | 28        |
| 48 | Statins for Asymptomatic Middle Cerebral Artery Stenosis: The Regression of Cerebral Artery Stenosis Study. <i>Cerebrovascular Diseases</i> , 2009, 28, 18-25.                                                                    | 1.7 | 27        |
| 49 | Low-Molecular-Weight Heparin Versus Aspirin for Acute Ischemic Stroke With Large Artery Occlusive Disease. <i>Stroke</i> , 2012, 43, 346-349.                                                                                     | 2.0 | 27        |
| 50 | Magnetic Resonance Angiography Signal Intensity as a Marker of Hemodynamic Impairment in Intracranial Arterial Stenosis. <i>PLoS ONE</i> , 2013, 8, e80124.                                                                       | 2.5 | 27        |
| 51 | Intracranial arterial stenosis in Caucasian versus Chinese patients with TIA and minor stroke: two contemporaneous cohorts and a systematic review. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 590-597. | 1.9 | 26        |
| 52 | Validation of the ABCD <sup>2</sup> Score to Identify the Patients With High Risk of Late Stroke After a Transient Ischemic Attack or Minor Ischemic Stroke. <i>Stroke</i> , 2010, 41, 1298-1300.                                 | 2.0 | 25        |
| 53 | Converting MMSE to MoCA and MoCA 5-minute protocol in an educationally heterogeneous sample with stroke or transient ischemic attack. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 729-734.                   | 2.7 | 25        |
| 54 | Translesional pressure gradient and leptomeningeal collateral status in symptomatic middle cerebral artery stenosis. <i>European Journal of Neurology</i> , 2018, 25, 404-410.                                                    | 3.3 | 25        |

| #  | ARTICLE                                                                                                                                                                                                                               | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Would Self-Expanding Stent Occlude Middle Cerebral Artery Perforators?. <i>Stroke</i> , 2009, 40, 1910-1912.                                                                                                                          | 2.0 | 24        |
| 56 | Sphenopalatine Ganglion Stimulation to Augment Cerebral Blood Flow. <i>Stroke</i> , 2019, 50, 2108-2117.                                                                                                                              | 2.0 | 24        |
| 57 | Cortico-Muscular Coherence Modulated by High-Definition Transcranial Direct Current Stimulation in People With Chronic Stroke. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 304-313.         | 4.9 | 24        |
| 58 | Clinical features, topographic patterns on DWI and etiology of thalamic infarcts. <i>Journal of the Neurological Sciences</i> , 2008, 267, 147-153.                                                                                   | 0.6 | 23        |
| 59 | Cerebral Microbleeds and Cognitive Function in Ischemic Stroke or Transient Ischemic Attack Patients. <i>Dementia and Geriatric Cognitive Disorders</i> , 2015, 40, 130-136.                                                          | 1.5 | 23        |
| 60 | Long-Term Prognosis of Chinese Patients with A Lacunar Infarct Associated with Small Vessel Disease: A Five-Year Longitudinal Study. <i>International Journal of Stroke</i> , 2009, 4, 81-88.                                         | 5.9 | 22        |
| 61 | Neuropsychiatric Symptom Clusters in Stroke and Transient Ischemic Attack by Cognitive Status and Stroke Subtype: Frequency and Relationships with Vascular Lesions, Brain Atrophy and Amyloid. <i>PLoS ONE</i> , 2016, 11, e0162846. | 2.5 | 22        |
| 62 | Relations between Recent Past Leisure Activities with Risks of Dementia and Cognitive Functions after Stroke. <i>PLoS ONE</i> , 2016, 11, e0159952.                                                                                   | 2.5 | 22        |
| 63 | Symptomatic Ostial Vertebral Artery Stenosis: Treatment with Drug-eluting Stentsâ€™ Clinical and Angiographic Results at 1-year Follow-up. <i>Radiology</i> , 2009, 251, 224-232.                                                     | 7.3 | 21        |
| 64 | Angiographic Features, Collaterals, and Infarct Topography of Symptomatic Occlusive Radiation Vasculopathy. <i>Stroke</i> , 2013, 44, 401-406.                                                                                        | 2.0 | 21        |
| 65 | Regression of Plaque Enhancement Within Symptomatic Middle Cerebral Artery Atherosclerosis: A High-Resolution MRI Study. <i>Frontiers in Neurology</i> , 2020, 11, 755.                                                               | 2.4 | 21        |
| 66 | Interobserver Reproducibility of Signal Intensity Ratio on Magnetic Resonance Angiography for Hemodynamic Impact of Intracranial Atherosclerosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013, 22, e615-e619.        | 1.6 | 20        |
| 67 | Mapping the contribution and strategic distribution patterns of neuroimaging features of small vessel disease in poststroke cognitive impairment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 918-926.       | 1.9 | 20        |
| 68 | Application of the international prognostic index in a study of chinese patients with non-hodgkin's lymphoma and a high incidence of primary extranodal lymphoma. , 1998, 82, 2439-2448.                                              |     | 19        |
| 69 | Risk of Intracerebral Hemorrhage in Patients With Cerebral Microbleeds Undergoing Endovascular Intervention. <i>Stroke</i> , 2012, 43, 1532-1536.                                                                                     | 2.0 | 19        |
| 70 | Dual Antiplatelets Reduce Microembolic Signals in Patients with Transient Ischemic Attack and Minor Stroke: Subgroup Analysis of CLAIR Study. <i>International Journal of Stroke</i> , 2014, 9, 127-132.                              | 5.9 | 19        |
| 71 | Evaluation of Ageâ€™Related White Matter Changes Using Transcranial Doppler Ultrasonography. <i>Journal of Neuroimaging</i> , 2013, 23, 53-57.                                                                                        | 2.0 | 18        |
| 72 | Sex Differences in Epidemiology and Risk Factors of Acute Coronary Syndrome in Chinese Patients with Type 2 Diabetes: A Long-Term Prospective Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0122031.                                     | 2.5 | 18        |

| #  | ARTICLE                                                                                                                                                                                                                                                                                   | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Thrombotic thrombocytopenic purpura with concomitant small- and large-vessel thrombosis, atypical posterior reversible encephalopathy syndrome and cerebral microbleeds. <i>Oxford Medical Case Reports</i> , 2015, 2015, 179-182.                                                        | 0.4 | 18        |
| 74 | High Blood Pressure Increases the Risk of Poor Outcome at Discharge and 12-month Follow-up in Patients with Symptomatic Intracranial Large Artery Stenosis and Occlusions: Subgroup analysis of the <scp>CICAS</scp> Study. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 530-535. | 3.9 | 18        |
| 75 | Estimating current and long-term risks of coronary artery in silico by fractional flow reserve, wall shear stress and low-density lipoprotein filtration rate. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 025006.                                                       | 1.2 | 18        |
| 76 | Beat-to-beat blood pressure variability and heart rate variability in relation to autonomic dysregulation in patients with acute mild-moderate ischemic stroke. <i>Journal of Clinical Neuroscience</i> , 2019, 64, 187-193.                                                              | 1.5 | 18        |
| 77 | Signal Intensity Ratio as a Novel Measure of Hemodynamic Significance for Intracranial Atherosclerosis. <i>International Journal of Stroke</i> , 2013, 8, E46-E46.                                                                                                                        | 5.9 | 17        |
| 78 | Diminished Signal Intensities Distal to Intracranial Arterial Stenosis on Time-of-Flight MR Angiography Might Indicate Delayed Cerebral Perfusion. <i>Cerebrovascular Diseases</i> , 2016, 42, 232-239.                                                                                   | 1.7 | 17        |
| 79 | Rivastigmine in Chinese patients with subcortical vascular dementia. <i>Neuropsychiatric Disease and Treatment</i> , 2007, Volume 3, 943-948.                                                                                                                                             | 2.2 | 16        |
| 80 | Have Medical Therapy and Stenting Been Fairly Compared? A Repercussion upon Termination of Recruitment in the SAMMPRIS Trial. <i>International Journal of Stroke</i> , 2011, 6, 312-314.                                                                                                  | 5.9 | 16        |
| 81 | Age-specific trends of atrial fibrillation-related ischaemic stroke and transient ischaemic attack, anticoagulant use and risk factor profile in Chinese population: a 15-year study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 744-748.                       | 1.9 | 16        |
| 82 | Correlation of Adventitial Vasa Vasorum with Intracranial Atherosclerosis: A Postmortem Study. <i>Journal of Stroke</i> , 2018, 20, 342-349.                                                                                                                                              | 3.2 | 16        |
| 83 | Management of Patients with Symptomatic Intracranial Atherosclerosis. <i>International Journal of Stroke</i> , 2006, 1, 20-25.                                                                                                                                                            | 5.9 | 15        |
| 84 | China Interventional Stroke Registry: Rationale and Study Design. <i>Cerebrovascular Diseases</i> , 2013, 35, 349-354.                                                                                                                                                                    | 1.7 | 15        |
| 85 | Hemodynamic Impact of Systolic Blood Pressure and Hematocrit Calculated by Computational Fluid Dynamics in Patients with Intracranial Atherosclerosis. <i>Journal of Neuroimaging</i> , 2016, 26, 331-338.                                                                                | 2.0 | 14        |
| 86 | Enhancing cerebral perfusion with external counterpulsation after ischaemic stroke: how long does it last?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 531-536.                                                                                                 | 1.9 | 14        |
| 87 | High Extent of Intracranial Carotid Artery Calcification Is Associated with Downstream Microemboli in Stroke Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 442-447.                                                                                         | 1.6 | 14        |
| 88 | Risk of intracerebral haemorrhage in Chinese patients with atrial fibrillation on warfarin with cerebral microbleeds: the IPAAC-Warfarin study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 428-435.                                                             | 1.9 | 14        |
| 89 | Detection of the Siphon Internal Carotid Artery Stenosis: Transcranial Doppler versus Digital Subtraction Angiography. <i>Journal of Neuroimaging</i> , 2010, 20, 234-239.                                                                                                                | 2.0 | 13        |
| 90 | Pilot Study of New Diagnostic Criteria for Middle Cerebral Artery Stenosis by Transcranial Doppler. <i>Journal of Neuroimaging</i> , 2010, 20, 122-129.                                                                                                                                   | 2.0 | 13        |

| #   | ARTICLE                                                                                                                                                                                                                  | IF  | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Increasing pressure of external counterpulsation augments blood pressure but not cerebral blood flow velocity in ischemic stroke. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1148-1152.                         | 1.5 | 13        |
| 92  | Correlation of non-vitamin K antagonist oral anticoagulant exposure and cerebral microbleeds in Chinese patients with atrial fibrillation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 680-686. | 1.9 | 13        |
| 93  | Translesional Pressure Gradient Alters Relationship Between Blood Pressure and Recurrent Stroke in Intracranial Stenosis. <i>Stroke</i> , 2020, 51, 1862-1864.                                                           | 2.0 | 13        |
| 94  | Ethnic Influences on Neurovascular Coupling. <i>Stroke</i> , 2010, 41, 383-384.                                                                                                                                          | 2.0 | 12        |
| 95  | Effect of microcirculatory resistance on coronary blood flow and instantaneous wave-free ratio: A computational study. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 196, 105632.                          | 4.7 | 12        |
| 96  | Long-Term Risk of Cardiovascular Disease among Type 2 Diabetic Patients with Asymptomatic Intracranial Atherosclerosis: A Prospective Cohort Study. <i>PLoS ONE</i> , 2014, 9, e106623.                                  | 2.5 | 11        |
| 97  | Noninvasive fractional flow in intracranial atherosclerotic stenosis: Reproducibility, limitations, and perspectives. <i>Journal of the Neurological Sciences</i> , 2017, 381, 150-152.                                  | 0.6 | 11        |
| 98  | Hemodynamic Significance of Middle Cerebral Artery Stenosis Associated With the Severity of Ipsilateral White Matter Changes. <i>Frontiers in Neurology</i> , 2020, 11, 214.                                             | 2.4 | 11        |
| 99  | Impact of intracranial artery calcification on cerebral hemodynamic changes. <i>Neuroradiology</i> , 2018, 60, 357-363.                                                                                                  | 2.2 | 10        |
| 100 | Antiplatelet therapy after stroke: should it differ in the acute and chronic phase after stroke. <i>Current Opinion in Neurology</i> , 2018, 31, 14-22.                                                                  | 3.6 | 10        |
| 101 | Impact of Side Branches on the Computation of Fractional Flow in Intracranial Arterial Stenosis Using the Computational Fluid Dynamics Method. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 44-52.  | 1.6 | 10        |
| 102 | Autonomic dysfunction in neurological disorders. <i>Aging</i> , 2019, 11, 1903-1904.                                                                                                                                     | 3.1 | 10        |
| 103 | Persistent Benign Oligemia Causes CT Perfusion Mismatch in Patients with Intracranial Large Artery Occlusive Disease during Subacute Stroke. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 635-637.               | 3.9 | 9         |
| 104 | Hemodynamic effect of external counterpulsation is a different measure of impaired cerebral autoregulation from vasoreactivity to breath-holding. <i>European Journal of Neurology</i> , 2014, 21, 326-331.              | 3.3 | 9         |
| 105 | External Counterpulsation Reduces Beat-to-Beat Blood Pressure Variability When Augmenting Blood                                                                                                                          |     |           |

| #   | ARTICLE                                                                                                                                                                                                                                 | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Prolonged Perfusion Predicts Recurrent Ischemic Stroke but not Transient Ischemic Attack in Patients with Symptomatic Intracranial Stenosis. <i>Current Neurovascular Research</i> , 2017, 14, 149-157.                                 | 1.1 | 8         |
| 110 | Presence of anterior temporal artery associates with good outcome in acute atherosclerotic M1-middle cerebral artery occlusion. <i>Neuroradiology</i> , 2014, 56, 1023-1030.                                                            | 2.2 | 7         |
| 111 | Predictors of good functional outcome in counterpulsation-treated recent ischaemic stroke patients. <i>BMJ Open</i> , 2013, 3, e002932.                                                                                                 | 1.9 | 6         |
| 112 | Small vessel disease burden may not portend unfavorable outcome after thrombectomy for acute large vessel occlusion. <i>European Radiology</i> , 2022, 32, 7824-7832.                                                                   | 4.5 | 6         |
| 113 | Collateral Flow in Intracranial Atherosclerotic Disease. <i>Translational Stroke Research</i> , 2023, 14, 38-52.                                                                                                                        | 4.2 | 6         |
| 114 | The safety and long-term outcomes of angioplasty and stenting in symptomatic intracranial atherosclerotic stenosis. <i>International Journal of Cardiology</i> , 2015, 179, 23-24.                                                      | 1.7 | 5         |
| 115 | Long-Term Evolutionary Change in the Lumen of Intracranial Atherosclerotic Stenosis Following Angioplasty and Stenting. <i>Operative Neurosurgery</i> , 2018, 14, 128-138.                                                              | 0.8 | 5         |
| 116 | External counterpulsation enhances neuroplasticity to promote stroke recovery. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 361-363.                                                                            | 1.9 | 5         |
| 117 | Modulation of Functional Connectivity and Low-Frequency Fluctuations After Brain-Computer Interface-Guided Robot Hand Training in Chronic Stroke: A 6-Month Follow-Up Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 611064. | 2.0 | 5         |
| 118 | Elevated Neutrophil to Lymphocyte Ratio Associated With Increased Risk of Recurrent Vascular Events in Older Minor Stroke or TIA Patients. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 646961.                                   | 3.4 | 5         |
| 119 | Intracranial Arterial Calcification and Intracranial Atherosclerosis: Close but Different. <i>Frontiers in Neurology</i> , 2022, 13, 799429.                                                                                            | 2.4 | 5         |
| 120 | THE NIH REGISTRY ON USE OF THE WINGSPAN STENT FOR SYMPTOMATIC 70-99% INTRACRANIAL ARTERIAL STENOSIS. <i>Neurology</i> , 2008, 71, 1124-1125.                                                                                            | 1.1 | 4         |
| 121 | Intravenous alteplase for Chinese patients with stroke and borderline eligibility. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1383-1386.                                                                                       | 1.5 | 3         |
| 122 | Cerebral perfusion difference between hemispheres with symptomatic and asymptomatic intracranial arterial stenosis. <i>International Journal of Stroke</i> , 2017, 12, NP19-NP20.                                                       | 5.9 | 3         |
| 123 | Prevalence and Clinical Correlates of Poststroke Behavioral Dysexecutive Syndrome. <i>Journal of the American Heart Association</i> , 2019, 8, e013448.                                                                                 | 3.7 | 3         |
| 124 | The contemporary management of intracranial atherosclerotic disease. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 701-709.                                                                                                     | 2.8 | 2         |
| 125 | High-resolution magnetic resonance vessel wall imaging of chronic intracranial internal carotid artery occlusion. <i>Journal of Neuroradiology</i> , 2018, 45, 336-337.                                                                 | 1.1 | 2         |
| 126 | Can transcranial Doppler ultrasound be used for screening cerebral small vessel diseases in the community?. <i>Journal of the Neurological Sciences</i> , 2019, 406, 116439.                                                            | 0.6 | 2         |



| #   | ARTICLE                                                                                                                                                                                                         | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Neurological diseases and risk of mortality in patients with COVID-19 and SARS: a territory-wide study in Hong Kong. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 1356-1358.            | 1.9 | 2         |
| 128 | Genome sequencing reveals the role of rare genomic variants in Chinese patients with symptomatic intracranial atherosclerotic disease. <i>Stroke and Vascular Neurology</i> , 2021, , svn-2021-001157.          | 3.3 | 2         |
| 129 | Angioplasty and Stenting. , 2009, , 181-193.                                                                                                                                                                    |     | 1         |
| 130 | Angioplasty and stenting in middle cerebral artery: Results from multicenter China interventional stroke registry. <i>International Journal of Cardiology</i> , 2014, 174, 189-190.                             | 1.7 | 1         |
| 131 | Herbs and Rehabilitation after Stroke Study: A Multi-center, Double-blinded, Randomized Trial in Hong Kong. <i>Journal of Stroke</i> , 2016, 18, 361-363.                                                       | 3.2 | 1         |
| 132 | Benign Oligemia in Subacute Stage Is Associated with Borderzone Infarction in Stroke Patients Caused by Intracranial Large Artery Disease. <i>European Neurology</i> , 2017, 77, 80-86.                         | 1.4 | 1         |
| 133 | Response by Feng et al to Letter Regarding Article, "Stroke Mechanisms in Symptomatic Intracranial Atherosclerotic Disease: Classification and Clinical Implications" <i>Stroke</i> , 2019, 50, e437.           | 2.0 | 1         |
| 134 | The potential synergism by combining external counterpulsation with intermittent theta burst stimulation in post-stroke motor function recovery. <i>Medical Hypotheses</i> , 2016, 93, 140-142.                 | 1.5 | 0         |
| 135 | Response by Lan et al to Letter Regarding Article, "Regional High Wall Shear Stress Associated With Stenosis Regression in Symptomatic Intracranial Atherosclerotic Disease" <i>Stroke</i> , 2021, 52, e80-e81. | 2.0 | 0         |
| 136 | Multimodal computed tomography evaluation before thrombolysis in acute ischaemic stroke. <i>Hong Kong Medical Journal</i> , 2008, 14, 236-9.                                                                    | 0.1 | 0         |
| 137 | Cerebral Augmentation Effect Induced by External Counterpulsation Is Not Related to Impaired Dynamic Cerebral Autoregulation in Ischemic Stroke. <i>Frontiers in Neurology</i> , 2022, 13, 784836.              | 2.4 | 0         |