

Deidre Anne De Silva

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105
papers

4,235
citations

29
h-index

64
g-index

121
ext. papers

5,083
ext. citations

5.5
avg, IF

4.82
L-index

#	Paper	IF	Citations
105	Effects of alteplase beyond 3 h after stroke in the Echoplanar Imaging Thrombolytic Evaluation Trial (EPITHET): a placebo-controlled randomised trial. <i>Lancet Neurology, The</i> , 2008 , 7, 299-309	24.1	873
104	Ischaemic stroke. <i>Nature Reviews Disease Primers</i> , 2019 , 5, 70	51.1	322
103	Extending thrombolysis to 4.5-9 h and wake-up stroke using perfusion imaging: a systematic review and meta-analysis of individual patient data. <i>Lancet, The</i> , 2019 , 394, 139-147	40	194
102	RAPID automated patient selection for reperfusion therapy: a pooled analysis of the Echoplanar Imaging Thrombolytic Evaluation Trial (EPITHET) and the Diffusion and Perfusion Imaging Evaluation for Understanding Stroke Evolution (DEFUSE) Study. <i>Stroke</i> , 2011 , 42, 1608-14	6.7	191
101	Refining the definition of the malignant profile: insights from the DEFUSE-EPITHET pooled data set. <i>Stroke</i> , 2011 , 42, 1270-5	6.7	176
100	The infarct core is well represented by the acute diffusion lesion: sustained reversal is infrequent. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012 , 32, 50-6	7.3	148
99	Pretreatment diffusion- and perfusion-MR lesion volumes have a crucial influence on clinical response to stroke thrombolysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010 , 30, 1214-25	7.3	137
98	Retinal microvasculature in acute lacunar stroke: a cross-sectional study. <i>Lancet Neurology, The</i> , 2009 , 8, 628-34	24.1	123
97	South Asian patients with ischemic stroke: intracranial large arteries are the predominant site of disease. <i>Stroke</i> , 2007 , 38, 2592-4	6.7	120
96	Postthrombolysis blood pressure elevation is associated with hemorrhagic transformation. <i>Stroke</i> , 2010 , 41, 72-7	6.7	116
95	Assessing reperfusion and recanalization as markers of clinical outcomes after intravenous thrombolysis in the echoplanar imaging thrombolytic evaluation trial (EPITHET). <i>Stroke</i> , 2009 , 40, 2872-4	6.7	102
94	The benefits of intravenous thrombolysis relate to the site of baseline arterial occlusion in the Echoplanar Imaging Thrombolytic Evaluation Trial (EPITHET). <i>Stroke</i> , 2010 , 41, 295-9	6.7	92
93	Microvascular structure and network in the retina of patients with ischemic stroke. <i>Stroke</i> , 2013 , 44, 2126-7	6.7	89
92	Regional very low cerebral blood volume predicts hemorrhagic transformation better than diffusion-weighted imaging volume and thresholded apparent diffusion coefficient in acute ischemic stroke. <i>Stroke</i> , 2010 , 41, 82-8	6.7	89
91	EPITHET: Positive Result After Reanalysis Using Baseline Diffusion-Weighted Imaging/Perfusion-Weighted Imaging Co-Registration. <i>Stroke</i> , 2011 , 42, 59-64	6.7	84
90	Retinal microvascular changes and risk of stroke: the Singapore Malay Eye Study. <i>Stroke</i> , 2013 , 44, 2402-8	6.7	81
89	Pathophysiological determinants of worse stroke outcome in atrial fibrillation. <i>Cerebrovascular Diseases</i> , 2010 , 30, 389-95	3.2	81

88	Worse stroke outcome in atrial fibrillation is explained by more severe hypoperfusion, infarct growth, and hemorrhagic transformation. <i>International Journal of Stroke</i> , 2015 , 10, 534-40	6.3	73
87	The effects of alteplase 3 to 6 hours after stroke in the EPITHET-DEFUSE combined dataset: post hoc case-control study. <i>Stroke</i> , 2013 , 44, 87-93	6.7	73
86	Multiparametric MRI and CT models of infarct core and favorable penumbral imaging patterns in acute ischemic stroke. <i>Stroke</i> , 2013 , 44, 73-9	6.7	71
85	The prognostic effects of poststroke cognitive impairment no dementia and domain-specific cognitive impairments in nondisabled ischemic stroke patients. <i>Stroke</i> , 2011 , 42, 883-8	6.7	69
84	Asian venous thromboembolism guidelines: updated recommendations for the prevention of venous thromboembolism. <i>International Angiology</i> , 2017 , 36, 1-20	2.2	60
83	Advanced imaging improves prediction of hemorrhage after stroke thrombolysis. <i>Annals of Neurology</i> , 2013 , 73, 510-9	9.4	57
82	Inflammatory markers and their association with post stroke cognitive decline. <i>International Journal of Stroke</i> , 2015 , 10, 513-8	6.3	54
81	Sleep duration and risk of stroke mortality among Chinese adults: Singapore Chinese health study. <i>Stroke</i> , 2014 , 45, 1620-5	6.7	46
80	Clinical-diffusion mismatch and benefit from thrombolysis 3 to 6 hours after acute stroke. <i>Stroke</i> , 2009 , 40, 2572-4	6.7	40
79	Neurology of COVID-19 in Singapore. <i>Journal of the Neurological Sciences</i> , 2020 , 418, 117118	3.2	38
78	Deep vein thrombosis following ischemic stroke among Asians. <i>Cerebrovascular Diseases</i> , 2006 , 22, 245-50	2.2	33
77	Associations of ankle-brachial index (ABI) with cerebral arterial disease and vascular events following ischemic stroke. <i>Atherosclerosis</i> , 2012 , 223, 219-22	3.1	31
76	Singapore Tele-technology Aided Rehabilitation in Stroke (STARS) trial: protocol of a randomized clinical trial on tele-rehabilitation for stroke patients. <i>BMC Neurology</i> , 2015 , 15, 161	3.1	29
75	Differential associations of cortical and subcortical cerebral atrophy with retinal vascular signs in patients with acute stroke. <i>Stroke</i> , 2010 , 41, 2143-50	6.7	29
74	Expediting MRI-based proof-of-concept stroke trials using an earlier imaging end point. <i>Stroke</i> , 2009 , 40, 1353-8	6.7	29
73	Amphetamine-associated ischemic stroke: clinical presentation and proposed pathogenesis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2007 , 16, 185-6	2.8	28
72	Effects of MLC601 on early vascular events in patients after stroke: the CHIMES study. <i>Stroke</i> , 2013 , 44, 3580-3	6.7	27
71	Healthcare utilization and cost trajectories post-stroke: role of caregiver and stroke factors. <i>BMC Health Services Research</i> , 2018 , 18, 881	2.9	26

70	Retinal vascular caliber and extracranial carotid disease in patients with acute ischemic stroke: the Multi-Centre Retinal Stroke (MCRS) study. <i>Stroke</i> , 2009 , 40, 3695-9	6.7	24
69	Fluid-attenuated inversion recovery hyperintensity in acute ischemic stroke may not predict hemorrhagic transformation. <i>Cerebrovascular Diseases</i> , 2011 , 32, 401-5	3.2	24
68	Greater effect of stroke thrombolysis in the presence of arterial obstruction. <i>Annals of Neurology</i> , 2011 , 70, 601-5	9.4	22
67	Associations of retinal microvascular signs and intracranial large artery disease. <i>Stroke</i> , 2011 , 42, 812-4	6.7	20
66	Intracranial large artery disease among OCSF subtypes in ethnic South Asian ischemic stroke patients. <i>Journal of the Neurological Sciences</i> , 2007 , 260, 147-9	3.2	20
65	Differing associations of white matter lesions and lacunar infarction with retinal microvascular signs. <i>International Journal of Stroke</i> , 2014 , 9, 921-5	6.3	19
64	Arterial stiffness is associated with intracranial large artery disease among ethnic Chinese and South Asian ischemic stroke patients. <i>Journal of Hypertension</i> , 2009 , 27, 1453-8	1.9	19
63	Call to Action: SARS-CoV-2 and Cerebrovascular Disorders (CASCADE). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104938	2.8	17
62	The Relationship Between Ambient Air Pollution and Acute Ischemic Stroke: A Time-Stratified Case-Crossover Study in a City-State With Seasonal Exposure to the Southeast Asian Haze Problem. <i>Annals of Emergency Medicine</i> , 2018 , 72, 591-601	2.1	16
61	Health-related quality of life loss associated with first-time stroke. <i>PLoS ONE</i> , 2019 , 14, e0211493	3.7	14
60	Metabolic syndrome is associated with intracranial large artery disease among ethnic Chinese patients with stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2009 , 18, 424-7	2.8	14
59	Metabolic syndrome among ethnic South Asian patients with ischemic stroke and comparison with ethnic Chinese patients: the Singapore General Hospital experience. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2007 , 16, 119-21	2.8	13
58	Ischemic cerebrovascular disease: differences between ethnic South Asian and ethnic Chinese patients. <i>Cerebrovascular Diseases</i> , 2005 , 20, 407-9	3.2	13
57	Prognostic factors and treatment effect in the CHIMES study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015 , 24, 823-7	2.8	12
56	Patients with single distal MCA perfusion lesions have a high rate of good outcome with or without reperfusion. <i>International Journal of Stroke</i> , 2014 , 9, 156-9	6.3	12
55	Results of the MRI substudy of the intravenous magnesium efficacy in stroke trial. <i>Stroke</i> , 2009 , 40, 1704-9	6.7	12
54	Can acute clinical outcomes predict health-related quality of life after stroke: a one-year prospective study of stroke survivors. <i>Health and Quality of Life Outcomes</i> , 2018 , 16, 221	3	11
53	Dyadic approach to post-stroke hospitalizations: role of caregiver and patient characteristics. <i>BMC Neurology</i> , 2019 , 19, 267	3.1	8

52	Serum erythrocyte sedimentation rate is higher among ethnic South Asian compared to ethnic Chinese ischemic stroke patients. Is this attributable to metabolic syndrome or central obesity?. <i>Journal of the Neurological Sciences</i> , 2009 , 276, 126-9	3.2	8
51	A protocol for acute stroke unit care during the COVID-19 pandemic. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 105009	2.8	7
50	Trigeminal and cervical radiculitis after tozinameran vaccination against COVID-19. <i>BMJ Case Reports</i> , 2021 , 14,	0.9	7
49	Functional Outcomes after Inpatient Rehabilitation in a Prospective Stroke Cohort. <i>Proceedings of Singapore Healthcare</i> , 2013 , 22, 175-182	0.5	6
48	Ethnic South Asian ischaemic stroke patients have a higher prevalence of a family history of vascular disease compared to age, gender and diabetes-matched ethnic Chinese subjects. <i>Journal of the Neurological Sciences</i> , 2009 , 285, 118-20	3.2	6
47	Dyadic approach to supervised community rehabilitation participation in an Asian setting post-stroke: exploring the role of caregiver and patient characteristics in a prospective cohort study. <i>BMJ Open</i> , 2020 , 10, e036631	3	6
46	Timing of arrival to a tertiary hospital after acute ischaemic stroke - A follow-up survey 5 years later. <i>Annals of the Academy of Medicine, Singapore</i> , 2010 , 39, 513-5	2.8	6
45	Disability impacts length of stay in general internal medicine patients. <i>Journal of General Internal Medicine</i> , 2014 , 29, 885-90	4	5
44	Elevated platelet-derived growth factor AB/BB is associated with a lower risk of recurrent vascular events in stroke patients. <i>International Journal of Stroke</i> , 2015 , 10, 85-9	6.3	5
43	Arterial stiffness and ischemic stroke subtypes. <i>Atherosclerosis</i> , 2011 , 217, 72-3	3.1	5
42	Emergency medical services use and its association with acute ischaemic stroke evaluation and treatment in Singapore. <i>Stroke and Vascular Neurology</i> , 2020 , 5, 121-127	9.1	4
41	Association of Reperfusion After Thrombolysis With Clinical Outcome Across the 4.5- to 9-Hours and Wake-up Stroke Time Window: A Meta-Analysis of the EXTEND and EPITHET Randomized Clinical Trials. <i>JAMA Neurology</i> , 2021 , 78, 236-240	17.2	4
40	Timing of hospital presentation after acute cerebral infarction and patients' acceptance of intravenous thrombolysis. <i>Annals of the Academy of Medicine, Singapore</i> , 2007 , 36, 244-6	2.8	4
39	Persistent hand spasm: movement disorder or seizure?. <i>Journal of the Neurological Sciences</i> , 2007 , 252, 185-8	3.2	3
38	The effectiveness of self-management interventions with action-taking components in improving health-related outcomes for adult stroke survivors: a systematic review and meta-analysis. <i>Disability and Rehabilitation</i> , 2021 , 1-16	2.4	3
37	Vitamin D deficiency and its relation to underlying stroke etiology in ethnic Asian ischemic stroke patients. <i>International Journal of Stroke</i> , 2013 , 8, E18	6.3	2
36	Comparison of small volume infarcts of lacunar and non-lacunar etiologies. <i>International Journal of Stroke</i> , 2013 , 8, E24-5	6.3	2
35	Is routine retinal examination useful in patients with acute ischemic stroke?. <i>Stroke</i> , 2008 , 39, 1352-4	6.7	2

34	Burden of informal care in stroke survivors and its determinants: a prospective observational study in an Asian setting. <i>BMC Public Health</i> , 2021 , 21, 1945	4.1	2
33	Estimating costs and benefits of stroke management: A population-based simulation model. <i>Journal of the Operational Research Society</i> , 2020 , 1-13	2	2
32	Cost Effectiveness of Genotype-Guided Antiplatelet Therapy in Asian Ischemic Stroke Patients: Ticagrelor as an Alternative to Clopidogrel in Patients with CYP2C19 Loss of Function Mutations. <i>Clinical Drug Investigation</i> , 2020 , 40, 1063-1070	3.2	2
31	Home-based tele-rehabilitation presents comparable positive impact on self-reported functional outcomes as usual care: The Singapore Tele-technology Aided Rehabilitation in Stroke (STARS) randomised controlled trial. <i>Journal of Telemedicine and Telecare</i> , 2021 , 27, 231-238	6.8	2
30	Can caregivers report their care recipients' post-stroke hospitalizations and outpatient visits accurately? Findings of an Asian prospective stroke cohort. <i>BMC Health Services Research</i> , 2018 , 18, 817	2.9	2
29	Concomitant coronary artery disease among Asian ischaemic stroke patients. <i>Annals of the Academy of Medicine, Singapore</i> , 2008 , 37, 573-5	2.8	2
28	Using the full span of the SPAN-100 index to predict functional outcome in the CHIMES study. <i>International Journal of Stroke</i> , 2015 , 10, E21	6.3	1
27	Appropriateness of MRI brain orders: Application of American and British guidelines. <i>Journal of the Neurological Sciences</i> , 2020 , 414, 116874	3.2	1
26	Patient Oriented Research: The Duke-NUS Medical Student Experience. <i>Medical Science Educator</i> , 2013 , 23, 141-147	0.7	1
25	Two decades of nation-wide community-based stroke support - The Singapore National Stroke Association. <i>International Journal of Stroke</i> , 2017 , 12, 297-301	6.3	1
24	Ischemic stroke in ethnic South Asians. <i>Stroke</i> , 2009 , 40, e594; author reply e595	6.7	1
23	EPITHET where next? Authors' reply. <i>Lancet Neurology</i> , 2008 , 7, 571-572	24.1	1
22	An unusual case of episodic stupor. <i>Sleep Medicine</i> , 2006 , 7, 380-1	4.6	1
21	Caffeine prevents restenosis and inhibits vascular smooth muscle cell proliferation through the induction of autophagy.. <i>Autophagy</i> , 2022 , 1-11	10.2	1
20	Lessons from Severe Acute Respiratory Syndrome Coronavirus 2003 Pandemic as Evidence to Advocate for Stroke Public Education During the Current Coronavirus Disease 2019 Pandemic. <i>Annals of the Academy of Medicine, Singapore</i> , 2020 , 49, 538-542	2.8	1
19	Long-Term Trends in Ischemic Stroke Incidence and Risk Factors: Perspectives from an Asian Stroke Registry. <i>Journal of Stroke</i> , 2020 , 22, 396-399	5.6	1
18	Lifetime quality of life and cost consequences of delays in endovascular treatment for acute ischaemic stroke: a cost-effectiveness analysis from a Singapore healthcare perspective. <i>BMJ Open</i> , 2020 , 10, e036517	3	1
17	Modifiable Factors Associated with Non-Adherence to Secondary Ischaemic Stroke Prevention Strategies. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 105395	2.8	1

16	Sex and the treatment effect in the Chinese Medicine NeuroAiD Efficacy on Stroke recovery (CHIMES) trial. <i>Journal of Clinical Neuroscience</i> , 2016 , 33, 269-270	2.2	1
15	Cerebral venous thrombosis in a patient with mild COVID-19 infection. <i>Annals of the Academy of Medicine, Singapore</i> , 2021 , 50, 188-190	2.8	1
14	Plasma Vitamin D Levels are Lower among Ethnic Indians in Matched Pairs of Male Acute Ischaemic Stroke Patients of Indian and Chinese Ethnicity. <i>Proceedings of Singapore Healthcare</i> , 2013 , 22, 163-165	0.5	0
13	Fatal Cerebral Haemorrhage in a Thrombolysed Patient with Ischaemic Stroke Who Developed Interval Thrombocytopenia from Acute Dengue Infection. <i>Annals of the Academy of Medicine, Singapore</i> , 2020 , 49, 98-102	2.8	0
12	Changes in Informed Consent Policy and Treatment Delays in Stroke Thrombolysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105551	2.8	0
11	Role of caregiver factors in outpatient medical follow-up post-stroke: observational study in Singapore. <i>BMC Family Practice</i> , 2021 , 22, 74	2.6	0
10	Recurrent ipsilateral hemiparesis in a patient with both uncrossed corticospinal tracts and reorganization of cortical motor areas - An opportune visitation of the motor tracts. <i>Journal of Clinical Neuroscience</i> , 2021 , 86, 139-144	2.2	0
9	Stroke Rehabilitation Use and Caregiver Psychosocial Health Profiles in Singapore: A Latent Profile Transition Analysis. <i>Journal of the American Medical Directors Association</i> , 2021 , 22, 2350-2357.e2	5.9	0
8	B-vitamin supplementation on mitigating post-stroke cognition and neuropsychiatric sequelae: A randomized controlled trial. <i>International Journal of Stroke</i> , 2022 , 17474930221085880	6.3	0
7	Lacunar syndromes: Are they all equally benign?. <i>Neurology and Clinical Neuroscience</i> , 2020 , 8, 55-60	0.3	
6	Cardioembolic stroke secondary to paroxysmal atrial fibrillation in a patient with systemic lupus erythematosus. <i>Proceedings of Singapore Healthcare</i> , 2016 , 25, 194-195	0.5	
5	Lower incidence of vascular events following small artery ischemic stroke. <i>International Journal of Stroke</i> , 2012 , 7, 361-2	6.3	
4	Stroke Patients Without COVID-19 Symptoms: Is There a Need to Screen?. <i>Neurologist</i> , 2021 , 26, 73-74	1.6	
3	Attendance for ischaemic stroke before and during COVID-19 lockdown in Singapore. <i>Annals of the Academy of Medicine, Singapore</i> , 2021 , 50, 359-361	2.8	
2	Putting together lesions in the brain, retina, kidney and pancreas. <i>Annals of the Academy of Medicine, Singapore</i> , 2008 , 37, 990	2.8	
1	Intracranial Large Artery Disease is Independently Associated with Poor Functional Outcome in a Cohort of Ethnic South Asian Ischemic Stroke Patients. <i>Neurology India</i> , 2021 , 69, 1282-1284	0.7	