Deidre Anne De Silva

List of Publications by Year
in descending order

116 papers	5,848 citations	136740 32 h-index	76769 74 g-index
121 all docs	121 docs citations	121 times ranked	6748 citing authors

#	Article	IF	Citations
1	Effects of alteplase beyond 3 h after stroke in the Echoplanar Imaging Thrombolytic Evaluation Trial (EPITHET): a placebo-controlled randomised trial. Lancet Neurology, The, 2008, 7, 299-309.	4.9	971
2	Ischaemic stroke. Nature Reviews Disease Primers, 2019, 5, 70.	18.1	849
3	Extending thrombolysis to 4Â·5â€“9 h and wake-up stroke using perfusion imaging: a systematic review and meta-analysis of individual patient data. Lancet, The, 2019, 394, 139-147.	6.3	321
4	RAPID Automated Patient Selection for Reperfusion Therapy. Stroke, 2011, 42, 1608-1614.	1.0	235
5	Refining the Definition of the Malignant Profile. Stroke, 2011, 42, 1270-1275.	1.0	209
6	The Infarct Core is Well Represented by the Acute Diffusion Lesion: Sustained Reversal is Infrequent. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 50-56.	2.4	172
7	Pretreatment Diffusion- and Perfusion-MR Lesion Volumes Have a Crucial Influence on Clinical Response to Stroke Thrombolysis. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1214-1225.	2.4	151
8	Retinal microvasculature in acute lacunar stroke: a cross-sectional study. Lancet Neurology, The, 2009, 8, 628-634.	4.9	145
9	South Asian Patients With Ischemic Stroke. Stroke, 2007, 38, 2592-2594.	1.0	142
10	Postthrombolysis Blood Pressure Elevation Is Associated With Hemorrhagic Transformation. Stroke, 2010, 41, 72-77.	1.0	139
11	Assessing Reperfusion and Recanalization as Markers of Clinical Outcomes After Intravenous Thrombolysis in the Echoplanar Imaging Thrombolytic Evaluation Trial (EPITHET). Stroke, 2009, 40, 2872-2874.	1.0	129
12	Microvascular Structure and Network in the Retina of Patients With Ischemic Stroke. Stroke, 2013, 44, 2121-2127.	1.0	120
13	Retinal Microvascular Changes and Risk of Stroke. Stroke, 2013, 44, 2402-2408.	1.0	118
14	Worse Stroke Outcome in Atrial Fibrillation is Explained by More Severe Hypoperfusion, Infarct Growth, and Hemorrhagic Transformation. International Journal of Stroke, 2015, 10, 534-540.	2.9	118
15	Pathophysiological Determinants of Worse Stroke Outcome in Atrial Fibrillation. Cerebrovascular Diseases, 2010, 30, 389-395.	0.8	110
16	Regional Very Low Cerebral Blood Volume Predicts Hemorrhagic Transformation Better Than Diffusion-Weighted Imaging Volume and Thresholded Apparent Diffusion Coefficient in Acute Ischemic Stroke. Stroke, 2010, 41, 82-88.	1.0	109
17	The Benefits of Intravenous Thrombolysis Relate to the Site of Baseline Arterial Occlusion in the Echoplanar Imaging Thrombolytic Evaluation Trial (EPITHET). Stroke, 2010, 41, 295-299.	1.0	108
18	Asian venous thromboembolism guidelines: updated recommendations for the prevention of venous thromboembolism. International Angiology, 2017, 36, 1-20.	0.4	108

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19	The Prognostic Effects of Poststroke Cognitive Impairment No Dementia and Domain-Specific Cognitive Impairments in Nondisabled Ischemic Stroke Patients. Stroke, 2011, 42, 883-888.	1.0	92
20	EPITHET. Stroke, 2011, 42, 59-64.	1.0	90
21	The Effects of Alteplase 3 to 6 Hours After Stroke in the EPITHETâ€“DEFUSE Combined Dataset. Stroke, 2013, 44, 87-93.	1.0	82
22	Inflammatory Markers and Their Association with Post Stroke Cognitive Decline. International Journal of Stroke, 2015, 10, 513-518.	2.9	79
23	Multiparametric MRI and CT Models of Infarct Core and Favorable Penumbral Imaging Patterns in Acute Ischemic Stroke. Stroke, 2013, 44, 73-79.	1.0	75
24	Advanced imaging improves prediction of hemorrhage after stroke thrombolysis. Annals of Neurology, 2013, 73, 510-519.	2.8	70
25	Sleep Duration and Risk of Stroke Mortality Among Chinese Adults. Stroke, 2014, 45, 1620-1625.	1.0	63
26	Neurology of COVID-19 in Singapore. Journal of the Neurological Sciences, 2020, 418, 117118.	0.3	61
27	Singapore Tele-technology Aided Rehabilitation in Stroke (STARS) trial: protocol of a randomized clinical trial on tele-rehabilitation for stroke patients. BMC Neurology, 2015, 15, 161.	0.8	44
28	Clinicalâ€“Diffusion Mismatch and Benefit From Thrombolysis 3 to 6 Hours After Acute Stroke. Stroke, 2009, 40, 2572-2574.	1.0	42
29	Deep Vein Thrombosis following Ischemic Stroke among Asians. Cerebrovascular Diseases, 2006, 22, 245-250.	0.8	38
30	Amphetamine-Associated Ischemic Stroke: Clinical Presentation and Proposed Pathogenesis. Journal of Stroke and Cerebrovascular Diseases, 2007, 16, 185-186.	0.7	37
31	Associations of ankle-brachial index (ABI) with cerebral arterial disease and vascular events following ischemic stroke. Atherosclerosis, 2012, 223, 219-222.	0.4	36
32	Healthcare utilization and cost trajectories post-stroke: role of caregiver and stroke factors. BMC Health Services Research, 2018, 18, 881.	0.9	36
33	Effects of MLC601 on Early Vascular Events in Patients After Stroke. Stroke, 2013, 44, 3580-3583.	1.0	33
34	Expediting MRI-Based Proof-of-Concept Stroke Trials Using an Earlier Imaging End Point. Stroke, 2009, 40, 1353-1358.	1.0	32
35	Differential Associations of Cortical and Subcortical Cerebral Atrophy With Retinal Vascular Signs in Patients With Acute Stroke. Stroke, 2010, 41, 2143-2150.	1.0	31
36	Retinal Vascular Caliber and Extracranial Carotid Disease in Patients With Acute Ischemic Stroke. Stroke, 2009, 40, 3695-3699.	1.0	28

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37	Fluid-Attenuated Inversion Recovery Hyperintensity in Acute Ischemic Stroke May Not Predict Hemorrhagic Transformation. Cerebrovascular Diseases, 2011, 32, 401-405.	0.8	28
38	Greater effect of stroke thrombolysis in the presence of arterial obstruction. Annals of Neurology, 2011, 70, 601-605.	2.8	26
39	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. Annals of Emergency Medicine, 2018, 72, 591-601.	0.3	26
40	Associations of Retinal Microvascular Signs and Intracranial Large Artery Disease. Stroke, 2011, 42, 812-814.	1.0	25
41	Differing Associations of White Matter Lesions and Lacunar Infarction with Retinal Microvascular Signs. International Journal of Stroke, 2014, 9, 921-925.	2.9	25
42	Intracranial large artery disease among OCSP subtypes in ethnic South Asian ischemic stroke patients. Journal of the Neurological Sciences, 2007, 260, 147-149.	0.3	24
43	Health-related quality of life loss associated with first-time stroke. PLoS ONE, 2019, 14, e0211493.	1.1	24
44	Call to Action: SARS-CoV-2 and CerebrovAscular DisordErs (CASCADE). Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104938.	0.7	24
45	Arterial stiffness is associated with intracranial large artery disease among ethnic Chinese and South Asian ischemic stroke patients. Journal of Hypertension, 2009, 27, 1453-1458.	0.3	23
46	Trigeminal and cervical radiculitis after tozinameran vaccination against COVID-19. BMJ Case Reports, 2021, 14, e242344.	0.2	20
47	Metabolic Syndrome Is Associated with Intracranial Large Artery Disease among Ethnic Chinese Patients with Stroke. Journal of Stroke and Cerebrovascular Diseases, 2009, 18, 424-427.	0.7	18
48	Ischemic Cerebrovascular Disease: Differences between Ethnic South Asian and Ethnic Chinese Patients. Cerebrovascular Diseases, 2005, 20, 407-409.	0.8	17
49	Can acute clinical outcomes predict health-related quality of life after stroke: a one-year prospective study of stroke survivors. Health and Quality of Life Outcomes, 2018, 16, 221.	1.0	16
50	Burden of informal care in stroke survivors and its determinants: a prospective observational study in an Asian setting. BMC Public Health, 2021, 21, 1945.	1.2	16
51	Results of the MRI Substudy of the Intravenous Magnesium Efficacy in Stroke Trial. Stroke, 2009, 40, 1704-1709.	1.0	15
52	Prognostic Factors and Treatment Effect in the CHIMES Study. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 823-827.	0.7	15
53	Metabolic Syndrome Among Ethnic South Asian Patients With Ischemic Stroke and Comparison With Ethnic Chinese Patients: The Singapore General Hospital Experience. Journal of Stroke and Cerebrovascular Diseases, 2007, 16, 119-121.	0.7	14
54	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. Clinical Drug Investigation, 2020, 40, 1063-1070.	1.1	14

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55	Patients with Single Distal MCA Perfusion Lesions Have a High Rate of Good Outcome with or without Reperfusion. International Journal of Stroke, 2014, 9, 156-159.	2.9	13
56	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. Journal of Telemedicine and Telecare, 2021, 27, 231-238.	1.4	13
57	Dyadic approach to post-stroke hospitalizations: role of caregiver and patient characteristics. BMC Neurology, 2019, 19, 267.	0.8	12
58	Association of Reperfusion After Thrombolysis With Clinical Outcome Across the 4.5- to 9-Hours and Wake-up Stroke Time Window. JAMA Neurology, 2021, 78, 236.	4.5	12
59	A protocol for acute stroke unit care during the COVID-19 pandemic. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105009.	0.7	11
60	Emergency medical services use and its association with acute ischaemic stroke evaluation and treatment in Singapore. Stroke and Vascular Neurology, 2020, 5, 121-127.	1.5	11
61	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. Disability and Rehabilitation, 2022, 44, 7751-7766.	0.9	11
62	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. BMJ Open, 2020, 10, e036631.	0.8	10
63	Long-Term Trends in Ischemic Stroke Incidence and Risk Factors: Perspectives from an Asian Stroke Registry. Journal of Stroke, 2020, 22, 396-399.	1.4	10
64	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?. Journal of the Neurological Sciences, 2009, 276, 126-129.	0.3	9
65	Functional Outcomes after Inpatient Rehabilitation in a Prospective Stroke Cohort. Proceedings of Singapore Healthcare, 2013, 22, 175-182.	0.2	9
66	Disability Impacts Length of Stay in General Internal Medicine Patients. Journal of General Internal Medicine, 2014, 29, 885-90.	1.3	9
67	Estimating costs and benefits of stroke management: A population-based simulation model. Journal of the Operational Research Society, 2021, 72, 2122-2134.	2.1	9
68	Caffeine prevents restenosis and inhibits vascular smooth muscle cell proliferation through the induction of autophagy. Autophagy, 2022, 18, 2150-2160.	4.3	9
69	Elevated Platelet-Derived Growth Factor AB/BB is Associated with a Lower Risk of Recurrent Vascular Events in Stroke Patients. International Journal of Stroke, 2015, 10, 85-89.	2.9	8
70	Modifiable Factors Associated with Non-Adherence to Secondary Ischaemic Stroke Prevention Strategies. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105395.	0.7	8
71	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. Journal of the Neurological Sciences, 2009, 285, 118-120.	0.3	7
72	Stroke Rehabilitation Use and Caregiver Psychosocial Health Profiles in Singapore: A Latent Profile Transition Analysis. Journal of the American Medical Directors Association, 2021, 22, 2350-2357.e2.	1.2	6

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73	Timing of hospital presentation after acute cerebral infarction and patients' acceptance of intravenous thrombolysis. Annals of the Academy of Medicine, Singapore, 2007, 36, 244-6.	0.2	6
74	Timing of arrival to a tertiary hospital after acute ischaemic stroke - A follow-up survey 5 years later. Annals of the Academy of Medicine, Singapore, 2010, 39, 513-5.	0.2	6
75	Arterial stiffness and ischemic stroke subtypes. Atherosclerosis, 2011, 217, 72-73.	0.4	5
76	Persistent hand spasm: Movement disorder or seizure?. Journal of the Neurological Sciences, 2007, 252, 185-188.	0.3	4
77	Comparison of Small Volume Infarcts of Lacunar and Non-Lacunar Etiologies. International Journal of Stroke, 2013, 8, E24-E25.	2.9	4
78	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. BMJ Open, 2020, 10, e036517.	0.8	4
79	Is Routine Retinal Examination Useful in Patients With Acute Ischemic Stroke?. Stroke, 2008, 39, 1352-1354.	1.0	3
80	Vitamin D Deficiency and its Relation to Underlying Stroke Etiology in Ethnic Asian Ischemic Stroke Patients. International Journal of Stroke, 2013, 8, E18-E18.	2.9	3
81	Cultural issues of the National Institutes of Health Stroke Scale dysphasia and dysarthria components in Singapore â€“ A survey of healthcare workers. International Journal of Stroke, 2016, 11, NP93-NP93.	2.9	3
82	Can caregivers report their care recipientsâ€™ post-stroke hospitalizations and outpatient visits accurately? Findings of an Asian prospective stroke cohort. BMC Health Services Research, 2018, 18, 817.	0.9	3
83	Cerebral venous thrombosis in a patient with mild COVID-19 infection. Annals of the Academy of Medicine, Singapore, 2021, 50, 188-190.	0.2	3
84	Changes in Informed Consent Policy and Treatment Delays in Stroke Thrombolysis. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105551.	0.7	3
85	Impact of beliefs about medication on the relationship between trust in physician with medication adherence after stroke. Patient Education and Counseling, 2022, 105, 1025-1029.	1.0	3
86	An unusual case of episodic stupor. Sleep Medicine, 2006, 7, 380-381.	0.8	2
87	Patient Oriented Research: The Duke-NUS Medical Student Experience. Medical Science Educator, 2013, 23, 141-147.	0.7	2
88	Sex and the treatment effect in the Chinese Medicine NeuroAiD Efficacy on Stroke recovery (CHIMES) trial. Journal of Clinical Neuroscience, 2016, 33, 269-270.	0.8	2
89	Appropriateness of MRI brain orders: Application of American and British guidelines. Journal of the Neurological Sciences, 2020, 414, 116874.	0.3	2
90	Recurrent ipsilateral hemiparesis in a patient with both uncrossed corticospinal tracts and reorganization of cortical motor areas â€“ An opportune visitation of the motor tracts. Journal of Clinical Neuroscience, 2021, 86, 139-144.	0.8	2

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91	Incentives for Uptake of and Adherence to Outpatient Stroke Rehabilitation Services: A 3-Arm Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2022, 103, 1-7.e4.	0.5	2
92	Lessons from Severe Acute Respiratory Syndrome Coronavirus 2003 Pandemic as Evidence to Advocate for Stroke Public Education During the Current Coronavirus Disease 2019 Pandemic. Annals of the Academy of Medicine, Singapore, 2020, 49, 538-542.	0.2	2
93	Concomitant coronary artery disease among Asian ischaemic stroke patients. Annals of the Academy of Medicine, Singapore, 2008, 37, 573-5.	0.2	2
94	EPITHETâ€"where next? â€“ Authors' reply. Lancet Neurology, The, 2008, 7, 571-572.	4.9	1
95	Ischemic Stroke in Ethnic South Asians. Stroke, 2009, 40, e594; author reply e595.	1.0	1
96	Plasma Vitamin D Levels are Lower among Ethnic Indians in Matched Pairs of Male Acute Ischaemic Stroke Patients of Indian and Chinese Ethnicity. Proceedings of Singapore Healthcare, 2013, 22, 163-165.	0.2	1
97	Using the Full Span of the SPAN-100 Index to Predict Functional Outcome in the CHIMES Study. International Journal of Stroke, 2015, 10, E21-E21.	2.9	1
98	Two decades of nation-wide community-based stroke support â€“ The Singapore National Stroke Association. International Journal of Stroke, 2017, 12, 297-301.	2.9	1
99	Lacunar syndromes: Are they all equally benign?. Neurology and Clinical Neuroscience, 2020, 8, 55-60.	0.2	1
100	Role of caregiver factors in outpatient medical follow-up post-stroke: observational study in Singapore. BMC Family Practice, 2021, 22, 74.	2.9	1
101	Fatal Cerebral Haemorrhage in a Thrombolysed Patient with Ischaemic Stroke Who Developed Interval Thrombocytopaenia from Acute Dengue Infection. Annals of the Academy of Medicine, Singapore, 2020, 49, 98-102.	0.2	1
102	National Institutes of Health Stroke Scale: comparison of original and modified versions for Singapore culture. Singapore Medical Journal, 2023, 64, 563-566.	0.3	1
103	B-vitamin supplementation on mitigating post-stroke cognition and neuropsychiatric sequelae: A randomized controlled trial. International Journal of Stroke, 2022, , 174749302210858.	2.9	1
104	Abstract 92: MRI Patient Selection In Acute Stroke Trials: Implications For Sample Size. Stroke, 2012, 43, .	1.0	1
105	Response to Letter by Sheikh. Stroke, 2008, 39, .	1.0	0
106	Lower Incidence of Vascular Events following Small Artery Ischemic Stroke. International Journal of Stroke, 2012, 7, 361-362.	2.9	0
107	Cardioembolic stroke secondary to paroxysmal atrial fibrillation in a patient with systemic lupus erythematosus. Proceedings of Singapore Healthcare, 2016, 25, 194-195.	0.2	0
108	Stroke Patients Without COVID-19 Symptoms. Neurologist, 2021, 26, 73-74.	0.4	0

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109	Attendance for ischaemic stroke before and during COVID-19 lockdown in Singapore. Annals of the Academy of Medicine, Singapore, 2021, 50, 359-361.	0.2	0
110	Abstract TP211: Long-Term Trends in Ischemic Stroke Risk Factors and Outcomes in a Multiethnic Population. Stroke, 2020, 51, .	1.0	0
111	Abstract 100: Reperfusion Improves Clinical Outcome Across the 4.5-9h and Wake-Up Stroke Time Continuum in EXTEND and EPITHET. Stroke, 2020, 51, .	1.0	0
112	Putting together lesions in the brain, retina, kidney and pancreas. Annals of the Academy of Medicine, Singapore, 2008, 37, 990.	0.2	0
113	Intracranial Large Artery Disease is Independently Associated with Poor Functional Outcome in a Cohort of Ethnic South Asian Ischemic Stroke Patients. Neurology India, 2021, 69, 1282-1284.	0.2	0
114	Abstract 95: Regional Very Low Cerebral Blood Volume with Subsequent Local Reperfusion Predicts Hemorrhagic Transformation in Acute Ischemic Stroke. Stroke, 2012, 43, .	1.0	0
115	Abstract TP47: Infarct Growth Does Not Predict Functional Outcome For Small Vessel Stroke. Stroke, 2013, 44, .	1.0	0
116	Abstract WMP53: Vitamin D Levels Are Lower In Acute Ischemic Stroke Patients Compared To Matched Controls. Stroke, 2013, 44, .	1.0	0