

# Vladimir Hachinski

## List of Publications by Citations

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117  
papers

6,765  
citations

29  
h-index

82  
g-index

129  
ext. papers

8,417  
ext. citations

7.1  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
117	Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. <i>Lancet Neurology, The</i> , <b>2013</b> , 12, 822-38	24.1	2662
116	National Institute of Neurological Disorders and Stroke-Canadian Stroke Network vascular cognitive impairment harmonization standards. <i>Stroke</i> , <b>2006</b> , 37, 2220-41	6.7	1179
115	Diagnosis of atrial fibrillation after stroke and transient ischaemic attack: a systematic review and meta-analysis. <i>Lancet Neurology, The</i> , <b>2015</b> , 14, 377-87	24.1	348
114	Vascular Cognitive Impairment and Dementia: JACC Scientific Expert Panel. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 3326-3344	15.1	167
113	Cardiovascular and neurological causes of sudden death after ischaemic stroke. <i>Lancet Neurology, The</i> , <b>2012</b> , 11, 179-88	24.1	164
112	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2019</b> , 5, 107-117	6	129
111	An autopsy-verified study of the effect of education on degenerative dementia. <i>Brain</i> , <b>1999</b> , 122 (Pt 12), 2309-19	11.2	116
110	Preventing dementia by preventing stroke: The Berlin Manifesto. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 961-984	1.2	113
109	The reciprocal risks of stroke and cognitive impairment in an elderly population. <i>Alzheimer's and Dementia</i> , <b>2006</b> , 2, 171-8	1.2	106
108	Stroke: working toward a prioritized world agenda. <i>Stroke</i> , <b>2010</b> , 41, 1084-99	6.7	98
107	Vascular risk factors and Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , <b>2008</b> , 8, 743-50	4.3	93
106	The 2005 Thomas Willis Lecture: stroke and vascular cognitive impairment: a transdisciplinary, translational and transactional approach. <i>Stroke</i> , <b>2007</b> , 38, 1396	6.7	81
105	Amyloid burden, neuroinflammation, and links to cognitive decline after ischemic stroke. <i>Stroke</i> , <b>2014</b> , 45, 2825-9	6.7	78
104	Antihypertensive treatment can prevent stroke and cognitive decline. <i>Nature Reviews Neurology</i> , <b>2013</b> , 9, 174-8	15	70
103	Concomitant vascular and neurodegenerative pathologies double the risk of dementia. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 148-156	1.2	68
102	Stroke-heart syndrome: clinical presentation and underlying mechanisms. <i>Lancet Neurology, The</i> , <b>2018</b> , 17, 1109-1120	24.1	68
101	Cerebrovascular pathology in Alzheimer's disease: cause, effect or epiphenomenon?. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 826, 1-6	6.5	67

100	Shifts in thinking about dementia. <i>JAMA - Journal of the American Medical Association</i> , <b>2008</b> , 300, 2172-327.4	58
99	METACOHORTS for the study of vascular disease and its contribution to cognitive decline and neurodegeneration: An initiative of the Joint Programme for Neurodegenerative Disease Research. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 1235-1249	1.2 54
98	Preludes to brain failure: executive dysfunction and gait disturbances. <i>Neurological Sciences</i> , <b>2014</b> , 35, 601-4	3.5 52
97	Declining Incidence of Stroke and Dementia: Coincidence or Prevention Opportunity?. <i>JAMA Neurology</i> , <b>2015</b> , 72, 1529-31	17.2 51
96	Human cerebral circuitry related to cardiac control: A neuroimaging meta-analysis. <i>Annals of Neurology</i> , <b>2016</b> , 79, 709-716	9.4 42
95	Organized outpatient care: stroke prevention clinic referrals are associated with reduced mortality after transient ischemic attack and ischemic stroke. <i>Stroke</i> , <b>2011</b> , 42, 3176-82	6.7 40
94	World dementia: One approach does not fit all. <i>Neurology</i> , <b>2018</b> , 91, 264-270	6.5 38
93	Optimizing the Hachinski Ischemic Scale. <i>Archives of Neurology</i> , <b>2012</b> , 69, 169-75	33
92	Population-based stroke and dementia incidence trends: Age and sex variations. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 1081-1088	1.2 31
91	Combined Dual-Task Gait Training and 'Aerobic Exercise to Improve Cognition, 'Mobility, and 'Vascular Health in 'Community-Dwelling Older Adults at 'Risk for Future Cognitive Decline <sup>1</sup> . <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 57, 747-763	4.3 29
90	Association between gait variability and brain ventricle attributes: a brain mapping study. <i>Experimental Gerontology</i> , <b>2014</b> , 57, 256-63	4.5 29
89	Cerebrovascular and Alzheimer disease: fellow travelers or partners in crime?. <i>Journal of Neurochemistry</i> , <b>2018</b> , 144, 513-516	6 28
88	APOE genotype, incident AD and MCI, cognitive decline, and AD pathology in older adults. <i>Neurology</i> , <b>2018</b> , 90, e2127-e2134	6.5 25
87	Serum protein leakage in Alzheimer's disease revisited. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 826, 173-89	6.5 24
86	Neurovascular unit dysregulation, white matter disease, and executive dysfunction: the shared triad of vascular cognitive impairment and Alzheimer disease. <i>GeroScience</i> , <b>2020</b> , 42, 445-465	8.9 23
85	A comparison between the MoCA and the MMSE visuoexecutive sub-tests in detecting abnormalities in TIA/stroke patients. <i>International Journal of Stroke</i> , <b>2016</b> , 11, 420-4	6.3 23
84	Effect of Right Insular Involvement on Death and Functional Outcome After Acute Ischemic Stroke in the IST-3 Trial (Third International Stroke Trial). <i>Stroke</i> , <b>2016</b> , 47, 2959-2965	6.7 21
83	Executive dysfunction in patients with transient ischemic attack and minor stroke. <i>Journal of the Neurological Sciences</i> , <b>2015</b> , 354, 17-20	3.2 20

82	Dementia: Paradigm shifting into high gear. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 985-994	1.2	19
81	Stroke: working toward a prioritized world agenda. <i>Cerebrovascular Diseases</i> , <b>2010</b> , 30, 127-47	3.2	19
80	Impaired behavioural flexibility related to white matter microgliosis in the TgAPP21 rat model of Alzheimer disease. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 80, 25-34	16.6	18
79	Dual decline in gait speed and cognition is associated with future dementia: evidence for a phenotype. <i>Age and Ageing</i> , <b>2020</b> , 49, 995-1002	3	17
78	Vitamin D and caudal primary motor cortex: a magnetic resonance spectroscopy study. <i>PLoS ONE</i> , <b>2014</b> , 9, e87314	3.7	17
77	Stroke assessment scales: guidelines for development, validation, and reliability assessment. <i>Canadian Journal of Neurological Sciences</i> , <b>1988</b> , 15, 261-5	1	15
76	Group-based exercise and cognitive-physical training in older adults with self-reported cognitive complaints: The Multiple-Modality, Mind-Motor (M4) study protocol. <i>BMC Geriatrics</i> , <b>2016</b> , 16, 17	4.1	15
75	Milder Alzheimer's disease pathology in heart failure and atrial fibrillation. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 770-777	1.2	14
74	Group-based exercise combined with dual-task training improves gait but not vascular health in active older adults without dementia. <i>Archives of Gerontology and Geriatrics</i> , <b>2016</b> , 63, 18-27	4	14
73	Cost-effectiveness of cerebrospinal biomarkers for the diagnosis of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , <b>2017</b> , 9, 18	9	14
72	Dementia: from muddled diagnoses to treatable mechanisms. <i>Brain</i> , <b>2013</b> , 136, 2652-4	11.2	14
71	Vitamin B deficiency and hyperhomocysteinaemia in outpatients with stroke or transient ischaemic attack: a cohort study at an academic medical centre. <i>BMJ Open</i> , <b>2019</b> , 9, e026564	3	13
70	Stroke is a burdensome but preventable brain disorder. <i>Lancet Neurology, The</i> , <b>2016</b> , 15, 892-893	24.1	13
69	APP21 transgenic rats develop age-dependent cognitive impairment and microglia accumulation within white matter tracts. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 241	10.1	12
68	Vascular cognitive impairment: A preventable component of dementia. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2019</b> , 167, 377-391	3	11
67	Cognitive changes following multiple-modality exercise and mind-motor training in older adults with subjective cognitive complaints: The M4 study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196356	3.7	11
66	Behavioural inflexibility in a comorbid rat model of striatal ischemic injury and mutant hAPP overexpression. <i>Behavioural Brain Research</i> , <b>2017</b> , 333, 267-275	3.4	10
65	Executive dysfunction is a strong stroke predictor. <i>Journal of the Neurological Sciences</i> , <b>2015</b> , 349, 161-73.2	3.2	10

64	Implementing the Proclamation of Stroke and Potentially Preventable Dementias. <i>International Journal of Stroke</i> , <b>2018</b> , 13, 780-786	6.3	10
63	Role of brain infarcts in behavioral variant frontotemporal dementia: Clinicopathological characterization in the National Alzheimer's Coordinating Center database. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2861-8	5.6	9
62	Stalin's last years: delusions or dementia?. <i>European Journal of Neurology</i> , <b>1999</b> , 6, 129-32	6	9
61	Special topic section: linkages among cerebrovascular, cardiovascular, and cognitive disorders: Preventing dementia by preventing stroke: The Berlin Manifesto. <i>International Journal of Stroke</i> , <b>2019</b> , 1747493019871915	6.3	8
60	Revising the ICD: stroke is a brain disease. <i>Lancet, The</i> , <b>2016</b> , 388, 2475-2476	4.0	8
59	Upgoing thumb sign: A sensitive indicator of brain involvement?. <i>Neurology</i> , <b>2017</b> , 89, 370-375	6.5	8
58	Baroreflex sensitivity: reliability of baroreflex components of the Valsalva maneuver. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2014</b> , 185, 138-40	2.4	7
57	A third of community-dwelling elderly with intermediate and high level of Alzheimer's neuropathologic changes are not demented: A meta-analysis. <i>Ageing Research Reviews</i> , <b>2020</b> , 58, 101002 <sup>12</sup>		7
56	Characterization of Behaviour and Remote Degeneration Following Thalamic Stroke in the Rat. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 13921-36	6.3	6
55	On the names of Babiński. <i>Canadian Journal of Neurological Sciences</i> , <b>1996</b> , 23, 76-9	1	6
54	Stroke and dementia, leading causes of neurological disability and death, potential for prevention. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 1072-1076	1.2	6
53	Implementing the proclamation of stroke and potentially preventable dementias. <i>Journal of Clinical Hypertension</i> , <b>2018</b> , 20, 1354-1359	2.3	6
52	Blood pressure at age 60-65 versus age 70-75 and vascular dementia: a population based observational study. <i>BMC Geriatrics</i> , <b>2017</b> , 17, 252	4.1	5
51	Thalamic cramplike pain. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 336, 269-72	3.2	5
50	A new definition of brain health. <i>Lancet Neurology, The</i> , <b>2021</b> , 20, 335-336	24.1	5
49	Dementia: new vistas and opportunities. <i>Neurological Sciences</i> , <b>2019</b> , 40, 763-767	3.5	4
48	Commentary on "Alzheimer's disease drug development and the problem of the blood-brain barrier." The blood-brain barrier: a physical and conceptual challenge. <i>Alzheimer's and Dementia</i> , <b>2009</b> , 5, 435-6	1.2	4
47	Commentary on "Vascular cognitive impairment: today and tomorrow." Vascular cognitive impairment: yesterday, today, and tomorrow. <i>Alzheimer's and Dementia</i> , <b>2006</b> , 2, 198-9	1.2	4

46	Brain Health-Curbing Stroke, Heart Disease, and Dementia: The 2020 Wartenberg Lecture. <i>Neurology</i> , <b>2021</b> , 97, 273-279	6.5	4
45	Intra-arterial thrombolysis for basilar artery thrombosis and stenting for asymptomatic carotid disease: implications and future directions. <i>Stroke</i> , <b>2007</b> , 38, 721-2	6.7	3
44	Evidence of Concomitantly Increasing Stroke and Dementia Prevalence among those 80 Years and Older in Ontario, Canada, 2003-04 to 2012-13. <i>Canadian Journal of Neurological Sciences</i> , <b>2019</b> , 46, 105-107	10.7	3
43	Stoop to conquer: preventing stroke and dementia together. <i>Lancet, The</i> , <b>2017</b> , 389, 1518	4.0	2
42	The pathway towards an effective reduction of stroke burden worldwide: teamwork. <i>Lancet Neurology, The</i> , <b>2019</b> , 18, 622-623	24.1	2
41	Age, sex, and setting in the etiology of stroke study (ASSESS): Study design and protocol. <i>Journal of the Neurological Sciences</i> , <b>2019</b> , 399, 209-213	3.2	2
40	Hypertension and Pathogenic hAPP Independently Induce White Matter Astrocytosis and Cognitive Impairment in the Rat. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 82	5.3	2
39	Simple Neuropsychological Tests May Identify Participants in Whom Aspirin Use Is Associated With Lower Dementia Incidence: The Canadian Study of Health and Aging. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , <b>2016</b> , 31, 545-550	2.5	2
38	The upgoing thumb sign: An interobserver/intraobserver reliability study. <i>Neurology: Clinical Practice</i> , <b>2017</b> , 7, 483-487	1.7	2
37	Time is brain: Balancing risk in the treatment of presumed cardioembolic stroke. <i>Journal of the Neurological Sciences</i> , <b>2017</b> , 382, 157-160	3.2	2
36	Inhibition of the primary motor cortex and the upgoing thumb sign. <i>ENeurologicalSci</i> , <b>2017</b> , 8, 31-33	2.1	2
35	Advances in stroke. Introduction. <i>Stroke</i> , <b>2005</b> , 36, 177-8	6.7	2
34	Secular trends of ischaemic heart disease, stroke, and dementia in high-income countries from 1990 to 2017: the Global Burden of Disease Study 2017. <i>Neurological Sciences</i> , <b>2021</b> , 1	3.5	2
33	Response by Sposato et al to Letter Regarding Article, "Effect of Right Insular Involvement on Death and Functional Outcome After Acute Ischemic Stroke in the IST-3 Trial (Third International Stroke Trial)". <i>Stroke</i> , <b>2017</b> , 48, e92	6.7	1
32	Atherosclerosis and vascular cognitive impairment neuropathological guideline. <i>Brain</i> , <b>2017</b> , 140, e12	11.2	1
31	Careers in neurology in a globalizing world. <i>Neurology</i> , <b>2016</b> , 86, e21-3	6.5	1
30	Reversible Dementias	110-119	1
29	Neurology in a globalizing world: World Congress of Neurology, Vienna, 2013. <i>Neurology</i> , <b>2013</b> , 80, 2248-5	6.5	1

28	Marc Fisher, the New Editor-in-Chief of Stroke. <i>Stroke</i> , <b>2010</b> , 41, 571-571	6.7	1
27	Tissue plasminogen activator in a vertebral artery dissection. <i>Canadian Journal of Neurological Sciences</i> , <b>1997</b> , 24, 151-4	1	1
26	Why Read, Contribute to, and Promote Stroke ?. <i>Stroke</i> , <b>2007</b> , 38, 209-211	6.7	1
25	Stroke in Chinese. <i>Stroke</i> , <b>2006</b> , 37, 1347-1347	6.7	1
24	Advances in Stroke 2002: Introduction. <i>Stroke</i> , <b>2003</b> , 34, 323-323	6.7	1
23	No difference in dementia prediction between apolipoprotein E4 and the ischemic score. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 1596-1599	1.2	1
22	The Ambibarcic Brain: Pathophysiological and Clinical Implications. <i>Stroke</i> , <b>2021</b> , 52, e259-e262	6.7	1
21	Preventing both stroke and dementia. <i>Lancet Neurology, The</i> , <b>2016</b> , 15, 659	24.1	1
20	Response to the growing dementia burden must be broader. <i>Lancet Neurology, The</i> , <b>2018</b> , 17, 934	24.1	1
19	Brain health: Key to health, productivity, and well-being. <i>Alzheimer's and Dementia</i> , <b>2021</b> ,	1.2	1
18	Vitamin D concentration and lateral cerebral ventricle volume in older adults <b>2013</b> , 57, 267		1
17	A new definition of brain reserve.. <i>Alzheimer's and Dementia</i> , <b>2022</b> ,	1.2	0
16	Precocious White Matter Inflammation and Behavioural Inflexibility Precede Learning and Memory Impairment in the TgAPP21 Rat Model of Alzheimer Disease. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 5014-5030	6.2	0
15	Intravenous Thrombolysis After First-Ever Ischemic Stroke and Reduced Incident Dementia Rate.. <i>Stroke</i> , <b>2021</b> , STROKEAHA121034969	6.7	0
14	Optimisation of stroke research. <i>Lancet Neurology, The</i> , <b>2017</b> , 16, 340-341	24.1	
13	John W. Norris: 1933-2020. <i>Stroke</i> , <b>2020</b> , 51, 1913-1915	6.7	
12	: The Essential Journal: 2000 to 2010. <i>Stroke</i> , <b>2020</b> , 51, 1027-1031	6.7	
11	Does left ventricular hypertrophy affect cognition and brain structural integrity in type 2 diabetes? Study design and rationale of the Diabetes and Dementia (D2) study. <i>BMC Endocrine Disorders</i> , <b>2017</b> , 17, 24	3.3	

10	World Federation of Neurology: moving into the future. <i>Canadian Journal of Neurological Sciences</i> , <b>2013</b> , 40, 609-11	1
9	Why Publish in Stroke ?. <i>Stroke</i> , <b>2004</b> , 35, 2751-2751	6.7
8	Stroke Supplements. <i>Stroke</i> , <b>2004</b> , 35, 2429-2429	6.7
7	Stroke in Italian. <i>Stroke</i> , <b>2005</b> , 36, 2057-2057	6.7
6	Stroke-related dementia <b>2005</b> , 538-555	
5	Neurology in Islamic Spain: a call for further research. <i>Journal of the History of the Neurosciences</i> , <b>1993</b> , 2, 45-51	0.7
4	APP21 transgenic rats develop age-dependent cognitive impairment and microglia accumulation within white matter tracts. <i>FASEB Journal</i> , <b>2019</b> , 33, 802.53	0.9
3	FTS3-02-04: New Frontiers in Stroke and Dementia Treatment and Prevention <b>2016</b> , 12, P278-P278	
2	Developments in NEW triad research.. <i>Aging</i> , <b>2022</b> , 14, 3726-3727	5.6
1	Brain health: The time has come. <i>European Journal of Neurology</i> ,	6