

Vladimir Hachinski

List of Publications by Year in Descending Order

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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.

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	A new definition of brain reserve.. <i>Alzheimerls and Dementia</i> , 2022 ,	1.2	0
116	Developments in NEW triad research.. <i>Aging</i> , 2022 , 14, 3726-3727	5.6	
115	Brain Health-Curbing Stroke, Heart Disease, and Dementia: The 2020 Wartenberg Lecture. <i>Neurology</i> , 2021 , 97, 273-279	6.5	4
114	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> , 2021 , 1	3.5	2
113	A new definition of brain health. <i>Lancet Neurology, The</i> , 2021 , 20, 335-336	24.1	5
112	Stroke and dementia, leading causes of neurological disability and death, potential for prevention. <i>Alzheimerls and Dementia</i> , 2021 , 17, 1072-1076	1.2	6
111	The Ambibaric Brain: Pathophysiological and Clinical Implications. <i>Stroke</i> , 2021 , 52, e259-e262	6.7	1
110	Precocious White Matter Inflammation and Behavioural Inflexibility Precede Learning and Memory Impairment in the TgAPP21 Rat Model of Alzheimer Disease. <i>Molecular Neurobiology</i> , 2021 , 58, 5014-5030	6.2	0
109	Brain health: Key to health, productivity, and well-being. <i>Alzheimerls and Dementia</i> , 2021 ,	1.2	1
108	Intravenous Thrombolysis After First-Ever Ischemic Stroke and Reduced Incident Dementia Rate.. <i>Stroke</i> , 2021 , STROKEAHA121034969	6.7	0
107	John W. Norris: 1933-2020. <i>Stroke</i> , 2020 , 51, 1913-1915	6.7	
106	Dual decline in gait speed and cognition is associated with future dementia: evidence for a phenotype. <i>Age and Ageing</i> , 2020 , 49, 995-1002	3	17
105	: The Essential Journal: 2000 to 2010. <i>Stroke</i> , 2020 , 51, 1027-1031	6.7	
104	Neurovascular unit dysregulation, white matter disease, and executive dysfunction: the shared triad of vascular cognitive impairment and Alzheimer disease. <i>GeroScience</i> , 2020 , 42, 445-465	8.9	23
103	Hypertension and Pathogenic hAPP Independently Induce White Matter Astrocytosis and Cognitive Impairment in the Rat. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 82	5.3	2
102	A third of community-dwelling elderly with intermediate and high level of AlzheimerS neuropathologic changes are not demented: A meta-analysis. <i>Ageing Research Reviews</i> , 2020 , 58, 101002 ¹²		7
101	No difference in dementia prediction between apolipoprotein E4 and the ischemic score. <i>Alzheimerls and Dementia</i> , 2020 , 16, 1596-1599	1.2	1

100	Special topic section: linkages among cerebrovascular, cardiovascular, and cognitive disorders: Preventing dementia by preventing stroke: The Berlin Manifesto. <i>International Journal of Stroke</i> , 2019 , 1747493019871915	6.3	8
99	Dementia: new vistas and opportunities. <i>Neurological Sciences</i> , 2019 , 40, 763-767	3.5	4
98	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> , 2019 , 9, e026564	3	13
97	The pathway towards an effective reduction of stroke burden worldwide: teamwork. <i>Lancet Neurology</i> , 2019 , 18, 622-623	24.1	2
96	Dementia: Paradigm shifting into high gear. <i>Alzheimer's and Dementia</i> , 2019 , 15, 985-994	1.2	19
95	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> , 2019 , 5, 107-117	6	129
94	Age, sex, and setting in the etiology of stroke study (ASSESS): Study design and protocol. <i>Journal of the Neurological Sciences</i> , 2019 , 399, 209-213	3.2	2
93	Preventing dementia by preventing stroke: The Berlin Manifesto. <i>Alzheimer's and Dementia</i> , 2019 , 15, 961-984	1.2	113
92	Vascular Cognitive Impairment and Dementia: JACC Scientific Expert Panel. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 3326-3344	15.1	167
91	APP21 transgenic rats develop age-dependent cognitive impairment and microglia accumulation within white matter tracts. <i>FASEB Journal</i> , 2019 , 33, 802.53	0.9	
90	Impaired behavioural flexibility related to white matter microgliosis in the TgAPP21 rat model of Alzheimer disease. <i>Brain, Behavior, and Immunity</i> , 2019 , 80, 25-34	16.6	18
89	Vascular cognitive impairment: A preventable component of dementia. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019 , 167, 377-391	3	11
88	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> , 2019 , 46, 105-107	1	3
87	Cerebrovascular and Alzheimer disease: fellow travelers or partners in crime?. <i>Journal of Neurochemistry</i> , 2018 , 144, 513-516	6	28
86	Concomitant vascular and neurodegenerative pathologies double the risk of dementia. <i>Alzheimer's and Dementia</i> , 2018 , 14, 148-156	1.2	68
85	World dementia: One approach does not fit all. <i>Neurology</i> , 2018 , 91, 264-270	6.5	38
84	APOE genotype, incident AD and MCI, cognitive decline, and AD pathology in older adults. <i>Neurology</i> , 2018 , 90, e2127-e2134	6.5	25
83	Implementing the proclamation of stroke and potentially preventable dementias. <i>Journal of Clinical Hypertension</i> , 2018 , 20, 1354-1359	2.3	6

82	Stroke-heart syndrome: clinical presentation and underlying mechanisms. <i>Lancet Neurology, The</i> , 2018 , 17, 1109-1120	24.1	68
81	Response to the growing dementia burden must be broader. <i>Lancet Neurology, The</i> , 2018 , 17, 934	24.1	1
80	Implementing the Proclamation of Stroke and Potentially Preventable Dementias. <i>International Journal of Stroke</i> , 2018 , 13, 780-786	6.3	10
79	APP21 transgenic rats develop age-dependent cognitive impairment and microglia accumulation within white matter tracts. <i>Journal of Neuroinflammation</i> , 2018 , 15, 241	10.1	12
78	Cognitive changes following multiple-modality exercise and mind-motor training in older adults with subjective cognitive complaints: The M4 study. <i>PLoS ONE</i> , 2018 , 13, e0196356	3.7	11
77	Milder Alzheimer's disease pathology in heart failure and atrial fibrillation. <i>Alzheimer's and Dementia</i> , 2017 , 13, 770-777	1.2	14
76	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> , 2017 , 48, e92	6.7	1
75	Optimisation of stroke research. <i>Lancet Neurology, The</i> , 2017 , 16, 340-341	24.1	
74	Stoop to conquer: preventing stroke and dementia together. <i>Lancet, The</i> , 2017 , 389, 1518	4.0	2
73	Population-based stroke and dementia incidence trends: Age and sex variations. <i>Alzheimer's and Dementia</i> , 2017 , 13, 1081-1088	1.2	31
72	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 ¹ . <i>Journal of Alzheimer's Disease</i> , 2017 , 57, 747-763	4.3	29
71	Atherosclerosis and vascular cognitive impairment neuropathological guideline. <i>Brain</i> , 2017 , 140, e12	11.2	1
70	Blood pressure at age 60-65 versus age 70-75 and vascular dementia: a population based observational study. <i>BMC Geriatrics</i> , 2017 , 17, 252	4.1	5
69	The upgoing thumb sign: An interobserver/intraobserver reliability study. <i>Neurology: Clinical Practice</i> , 2017 , 7, 483-487	1.7	2
68	Time is brain: Balancing risk in the treatment of presumed cardioembolic stroke. <i>Journal of the Neurological Sciences</i> , 2017 , 382, 157-160	3.2	2
67	Inhibition of the primary motor cortex and the upgoing thumb sign. <i>ENeurologicalSci</i> , 2017 , 8, 31-33	2.1	2
66	Behavioural inflexibility in a comorbid rat model of striatal ischemic injury and mutant hAPP overexpression. <i>Behavioural Brain Research</i> , 2017 , 333, 267-275	3.4	10
65	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> , 2017 , 17, 24	3.3	

64	Cost-effectiveness of cerebrospinal biomarkers for the diagnosis of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2017 , 9, 18	9	14
63	Uproing thumb sign: A sensitive indicator of brain involvement?. <i>Neurology</i> , 2017 , 89, 370-375	6.5	8
62	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> , 2016 , 47, 2959-2965	6.7	21
61	Revising the ICD: stroke is a brain disease. <i>Lancet, The</i> , 2016 , 388, 2475-2476	4.0	8
60	Stroke is a burdensome but preventable brain disorder. <i>Lancet Neurology, The</i> , 2016 , 15, 892-893	24.1	13
59	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> , 2016 , 63, 18-27	4	14
58	Careers in neurology in a globalizing world. <i>Neurology</i> , 2016 , 86, e21-3	6.5	1
57	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> , 2016 , 31, 545-550	2.5	2
56	Human cerebral circuitry related to cardiac control: A neuroimaging meta-analysis. <i>Annals of Neurology</i> , 2016 , 79, 709-716	9.4	42
55	FTS3-02-04: New Frontiers in Stroke and Dementia Treatment and Prevention 2016 , 12, P278-P278		
54	Preventing both stroke and dementia. <i>Lancet Neurology, The</i> , 2016 , 15, 659	24.1	1
53	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> , 2016 , 16, 17	4.1	15
52	A comparison between the MoCA and the MMSE visuoexecutive sub-tests in detecting abnormalities in TIA/stroke patients. <i>International Journal of Stroke</i> , 2016 , 11, 420-4	6.3	23
51	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> , 2016 , 12, 1235-1249	1.2	54
50	Diagnosis of atrial fibrillation after stroke and transient ischaemic attack: a systematic review and meta-analysis. <i>Lancet Neurology, The</i> , 2015 , 14, 377-87	24.1	348
49	Executive dysfunction in patients with transient ischemic attack and minor stroke. <i>Journal of the Neurological Sciences</i> , 2015 , 354, 17-20	3.2	20
48	Role of brain infarcts in behavioral variant frontotemporal dementia: Clinicopathological characterization in the National Alzheimer's Coordinating Center database. <i>Neurobiology of Aging</i> , 2015 , 36, 2861-8	5.6	9
47	Characterization of Behaviour and Remote Degeneration Following Thalamic Stroke in the Rat. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 13921-36	6.3	6

46	Declining Incidence of Stroke and Dementia: Coincidence or Prevention Opportunity?. <i>JAMA Neurology</i> , 2015 , 72, 1529-31	17.2	51
45	Executive dysfunction is a strong stroke predictor. <i>Journal of the Neurological Sciences</i> , 2015 , 349, 161-7	3.2	10
44	Preludes to brain failure: executive dysfunction and gait disturbances. <i>Neurological Sciences</i> , 2014 , 35, 601-4	3.5	52
43	Thalamic cramp-like pain. <i>Journal of the Neurological Sciences</i> , 2014 , 336, 269-72	3.2	5
42	Vitamin D and caudal primary motor cortex: a magnetic resonance spectroscopy study. <i>PLoS ONE</i> , 2014 , 9, e87314	3.7	17
41	Association between gait variability and brain ventricle attributes: a brain mapping study. <i>Experimental Gerontology</i> , 2014 , 57, 256-63	4.5	29
40	Amyloid burden, neuroinflammation, and links to cognitive decline after ischemic stroke. <i>Stroke</i> , 2014 , 45, 2825-9	6.7	78
39	Baroreflex sensitivity: reliability of baroreflex components of the Valsalva maneuver. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014 , 185, 138-40	2.4	7
38	Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. <i>Lancet Neurology</i> , 2013 , 12, 822-38	24.1	2662
37	Antihypertensive treatment can prevent stroke and cognitive decline. <i>Nature Reviews Neurology</i> , 2013 , 9, 174-8	15	70
36	Dementia: from muddled diagnoses to treatable mechanisms. <i>Brain</i> , 2013 , 136, 2652-4	11.2	14
35	Neurology in a globalizing world: World Congress of Neurology, Vienna, 2013. <i>Neurology</i> , 2013 , 80, 2248-55	6.5	1
34	World Federation of Neurology: moving into the future. <i>Canadian Journal of Neurological Sciences</i> , 2013 , 40, 609-11	1	
33	Vitamin D concentration and lateral cerebral ventricle volume in older adults 2013 , 57, 267		1
32	Cardiovascular and neurological causes of sudden death after ischaemic stroke. <i>Lancet Neurology</i> , 2012 , 11, 179-88	24.1	164
31	Optimizing the Hachinski Ischemic Scale. <i>Archives of Neurology</i> , 2012 , 69, 169-75		33
30	Organized outpatient care: stroke prevention clinic referrals are associated with reduced mortality after transient ischemic attack and ischemic stroke. <i>Stroke</i> , 2011 , 42, 3176-82	6.7	40
29	Stroke: working toward a prioritized world agenda. <i>Cerebrovascular Diseases</i> , 2010 , 30, 127-47	3.2	19

28	Stroke: working toward a prioritized world agenda. <i>Stroke</i> , 2010 , 41, 1084-99	6.7	98
27	Marc Fisher, the New Editor-in-Chief of <i>Stroke</i> . <i>Stroke</i> , 2010 , 41, 571-571	6.7	1
26	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> , 2009 , 5, 435-6	1.2	4
25	Vascular risk factors and Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2008 , 8, 743-50	4.3	93
24	Shifts in thinking about dementia. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 300, 2172-327.4	5.8	
23	Intra-arterial thrombolysis for basilar artery thrombosis and stenting for asymptomatic carotid disease: implications and future directions. <i>Stroke</i> , 2007 , 38, 721-2	6.7	3
22	The 2005 Thomas Willis Lecture: stroke and vascular cognitive impairment: a transdisciplinary, translational and transactional approach. <i>Stroke</i> , 2007 , 38, 1396	6.7	81
21	Why Read, Contribute to, and Promote <i>Stroke</i> ?. <i>Stroke</i> , 2007 , 38, 209-211	6.7	1
20	National Institute of Neurological Disorders and Stroke-Canadian Stroke Network vascular cognitive impairment harmonization standards. <i>Stroke</i> , 2006 , 37, 2220-41	6.7	1179
19	The reciprocal risks of stroke and cognitive impairment in an elderly population. <i>Alzheimer's and Dementia</i> , 2006 , 2, 171-8	1.2	106
18	Commentary on "Vascular cognitive impairment: today and tomorrow." Vascular cognitive impairment: yesterday, today, and tomorrow. <i>Alzheimer's and Dementia</i> , 2006 , 2, 198-9	1.2	4
17	Stroke in Chinese. <i>Stroke</i> , 2006 , 37, 1347-1347	6.7	1
16	Advances in stroke. Introduction. <i>Stroke</i> , 2005 , 36, 177-8	6.7	2
15	Stroke in Italian. <i>Stroke</i> , 2005 , 36, 2057-2057	6.7	
14	Stroke-related dementia 2005 , 538-555		
13	Why Publish in <i>Stroke</i> ?. <i>Stroke</i> , 2004 , 35, 2751-2751	6.7	
12	Stroke Supplements. <i>Stroke</i> , 2004 , 35, 2429-2429	6.7	
11	Advances in <i>Stroke</i> 2002: Introduction. <i>Stroke</i> , 2003 , 34, 323-323	6.7	1

10	Stalin's last years: delusions or dementia?. <i>European Journal of Neurology</i> , 1999 , 6, 129-32	6	9
9	An autopsy-verified study of the effect of education on degenerative dementia. <i>Brain</i> , 1999 , 122 (Pt 12), 2309-19	11.2	116
8	Tissue plasminogen activator in a vertebral artery dissection. <i>Canadian Journal of Neurological Sciences</i> , 1997 , 24, 151-4	1	1
7	Cerebrovascular pathology in Alzheimer's disease: cause, effect or epiphenomenon?. <i>Annals of the New York Academy of Sciences</i> , 1997 , 826, 1-6	6.5	67
6	Serum protein leakage in Alzheimer's disease revisited. <i>Annals of the New York Academy of Sciences</i> , 1997 , 826, 173-89	6.5	24
5	On the names of Babiński. <i>Canadian Journal of Neurological Sciences</i> , 1996 , 23, 76-9	1	6
4	Neurology in Islamic Spain: a call for further research. <i>Journal of the History of the Neurosciences</i> , 1993 , 2, 45-51	0.7	
3	Stroke assessment scales: guidelines for development, validation, and reliability assessment. <i>Canadian Journal of Neurological Sciences</i> , 1988 , 15, 261-5	1	15
2	Reversible Dementias 110-119		1
1	Brain health: The time has come. <i>European Journal of Neurology</i> ,	6	