

Vladimir Hachinski

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

9,787
citations

136950

32
h-index

38395

95
g-index

129
all docs

129
docs citations

129
times ranked

12148
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. <i>Lancet Neurology</i> , The, 2013, 12, 822-838.	10.2	3,919
2	National Institute of Neurological Disorders and Strokeâ€“Canadian Stroke Network Vascular Cognitive Impairment Harmonization Standards. <i>Stroke</i> , 2006, 37, 2220-2241.	2.0	1,445
3	Diagnosis of atrial fibrillation after stroke and transient ischaemic attack: a systematic review and meta-analysis. <i>Lancet Neurology</i> , The, 2015, 14, 377-387.	10.2	513
4	Vascular Cognitive Impairment and Dementia. <i>Journal of the American College of Cardiology</i> , 2019, 73, 3326-3344.	2.8	384
5	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.	3.7	250
6	Cardiovascular and neurological causes of sudden death after ischaemic stroke. <i>Lancet Neurology</i> , The, 2012, 11, 179-188.	10.2	212
7	Preventing dementia by preventing stroke: The Berlin Manifesto. <i>Alzheimer's and Dementia</i> , 2019, 15, 961-984.	0.8	200
8	An autopsy-verified study of the effect of education on degenerative dementia. <i>Brain</i> , 1999, 122, 2309-2319.	7.6	142
9	Strokeâ€“heart syndrome: clinical presentation and underlying mechanisms. <i>Lancet Neurology</i> , The, 2018, 17, 1109-1120.	10.2	135
10	The reciprocal risks of stroke and cognitive impairment in an elderly population. <i>Alzheimer's and Dementia</i> , 2006, 2, 171-178.	0.8	129
11	Concomitant vascular and neurodegenerative pathologies double the risk of dementia. <i>Alzheimer's and Dementia</i> , 2018, 14, 148-156.	0.8	125
12	Stroke: Working Toward a Prioritized World Agenda. <i>Stroke</i> , 2010, 41, 1084-1099.	2.0	122
13	Vascular risk factors and Alzheimerâ€™s disease. <i>Expert Review of Neurotherapeutics</i> , 2008, 8, 743-750.	2.8	106
14	Stroke and Vascular Cognitive Impairment. <i>Stroke</i> , 2007, 38, 1396-1396.	2.0	96
15	Amyloid Burden, Neuroinflammation, and Links to Cognitive Decline After Ischemic Stroke. <i>Stroke</i> , 2014, 45, 2825-2829.	2.0	93
16	Antihypertensive treatment can prevent stroke and cognitive decline. <i>Nature Reviews Neurology</i> , 2013, 9, 174-178.	10.1	88
17	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.	0.8	82
18	Shifts in Thinking About Dementia. <i>JAMA - Journal of the American Medical Association</i> , 2008, 300, 2172.	7.4	77

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19	Cerebrovascular Pathology in Alzheimer's Disease: Cause, Effect or Epiphenomenon?. Annals of the New York Academy of Sciences, 1997, 826, 1-6.	3.8	74
20	Declining Incidence of Stroke and Dementia: Coincidence or Prevention Opportunity?. JAMA Neurology, 2015, 72, 1529.	9.0	71
21	Stroke and Potentially Preventable Dementias Proclamation. Stroke, 2015, 46, 3039-3040.	2.0	65
22	Human cerebral circuitry related to cardiac control: A neuroimaging meta-analysis. Annals of Neurology, 2016, 79, 709-716.	5.3	65
23	Preludes to brain failure: executive dysfunction and gait disturbances. Neurological Sciences, 2014, 35, 601-604.	1.9	63
24	World dementia. Neurology, 2018, 91, 264-270.	1.1	56
25	Organized Outpatient Care. Stroke, 2011, 42, 3176-3182.	2.0	54
26	Neurovascular unit dysregulation, white matter disease, and executive dysfunction: the shared triad of vascular cognitive impairment and Alzheimer disease. GeroScience, 2020, 42, 445-465.	4.6	50
27	World Stroke Day 2008. Stroke, 2008, 39, 2407-2408.	2.0	49
28	Optimizing the Hachinski Ischemic Scale. Archives of Neurology, 2012, 69, 169.	4.5	49
29	<i>APOE</i> ϵ 4 genotype, incident AD and MCI, cognitive decline, and AD pathology in older adults. Neurology, 2018, 90, e2127-e2134.	1.1	42
30	Stroke and dementia, leading causes of neurological disability and death, potential for prevention. Alzheimer's and Dementia, 2021, 17, 1072-1076.	0.8	41
31	Population-based stroke and dementia incidence trends: Age and sex variations. Alzheimer's and Dementia, 2017, 13, 1081-1088.	0.8	40
32	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. Journal of Alzheimer's Disease, 2017, 57, 747-763.	2.6	37
33	Association between gait variability and brain ventricle attributes: a brain mapping study. Experimental Gerontology, 2014, 57, 256-263.	2.8	35
34	Cerebrovascular and Alzheimer disease: fellow travelers or partners in crime?. Journal of Neurochemistry, 2018, 144, 513-516.	3.9	34
35	Dual decline in gait speed and cognition is associated with future dementia: evidence for a phenotype. Age and Ageing, 2020, 49, 995-1002.	1.6	32
36	Vitamin B ₁₂ deficiency and hyperhomocysteinaemia in outpatients with stroke or transient ischaemic attack: a cohort study at an academic medical centre. BMJ Open, 2019, 9, e026564.	1.9	29

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37	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, 420-424.	5.9	27
38	Brain health: Key to health, productivity, and well-being. <i>Alzheimer's and Dementia</i> , 2022, 18, 1396-1407.	0.8	27
39	Serum Protein Leakage in Alzheimer's Disease Revisited. <i>Annals of the New York Academy of Sciences</i> , 1997, 826, 173-189.	3.8	26
40	Executive dysfunction in patients with transient ischemic attack and minor stroke. <i>Journal of the Neurological Sciences</i> , 2015, 354, 17-20.	0.6	26
41	Dementia: Paradigm shifting into high gear. <i>Alzheimer's and Dementia</i> , 2019, 15, 985-994.	0.8	26
42	Stroke: Working toward a Prioritized World Agenda. <i>Cerebrovascular Diseases</i> , 2010, 30, 127-147.	1.7	25
43	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.	2.0	25
44	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.	4.1	24
45	A new definition of brain health. <i>Lancet Neurology</i> , The, 2021, 20, 335-336.	10.2	23
46	Stroke and Alzheimer Disease. <i>Archives of Neurology</i> , 2011, 68, 797-8.	4.5	22
47	Brain Health—Curbing Stroke, Heart Disease, and Dementia. <i>Neurology</i> , 2021, 97, 273-279.	1.1	22
48	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.	2.7	21
49	Vitamin D and Caudal Primary Motor Cortex: A Magnetic Resonance Spectroscopy Study. <i>PLoS ONE</i> , 2014, 9, e87314.	2.5	20
50	Milder Alzheimer's disease pathology in heart failure and atrial fibrillation. <i>Alzheimer's and Dementia</i> , 2017, 13, 770-777.	0.8	20
51	Cost-effectiveness of cerebrospinal biomarkers for the diagnosis of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 18.	6.2	19
52	Vascular cognitive impairment: A preventable component of dementia. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 167, 377-391.	1.8	19
53	Stroke Assessment Scales: Guidelines for Development, Validation, and Reliability Assessment. <i>Canadian Journal of Neurological Sciences</i> , 1988, 15, 261-265.	0.5	18
54	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.	3.0	18

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55	Behavioural inflexibility in a comorbid rat model of striatal ischemic injury and mutant hAPP overexpression. <i>Behavioural Brain Research</i> , 2017, 333, 267-275.	2.2	18
56	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.	2.5	18
57	Dementia: from muddled diagnoses to treatable mechanisms. <i>Brain</i> , 2013, 136, 2652-2654.	7.6	17
58	Stroke is a burdensome but preventable brain disorder. <i>Lancet Neurology</i> , The, 2016, 15, 892-893.	10.2	17
59	Revising the ICD: stroke is a brain disease. <i>Lancet</i> , The, 2016, 388, 2475-2476.	13.7	16
60	APP21 transgenic rats develop age-dependent cognitive impairment and microglia accumulation within white matter tracts. <i>Journal of Neuroinflammation</i> , 2018, 15, 241.	7.2	16
61	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> , 2020, 58, 101002.	10.9	15
62	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> , 2022, 43, 255-264.	1.9	15
63	Role of brain infarcts in behavioral variant frontotemporal dementia. <i>Neurobiology of Aging</i> , 2015, 36, 2861-2868.	3.1	14
64	Stalin's last years: delusions or dementia?. <i>European Journal of Neurology</i> , 1999, 6, 129-132.	3.3	13
65	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, , 174749301987191.	5.9	13
66	Baroreflex sensitivity: Reliability of baroreflex components of the Valsalva maneuver. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014, 185, 138-140.	2.8	11
67	Executive dysfunction is a strong stroke predictor. <i>Journal of the Neurological Sciences</i> , 2015, 349, 161-167.	0.6	11
68	Implementing the Proclamation of Stroke and Potentially Preventable Dementias. <i>International Journal of Stroke</i> , 2018, 13, 780-786.	5.9	11
69	Characterization of Behaviour and Remote Degeneration Following Thalamic Stroke in the Rat. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13921-13936.	4.1	10
70	Upgoing thumb sign. <i>Neurology</i> , 2017, 89, 370-375.	1.1	10
71	The Ambibaric Brain: Pathophysiological and Clinical Implications. <i>Stroke</i> , 2021, 52, e259-e262.	2.0	10
72	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.	2.7	9

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73	Dementia: new vistas and opportunities. <i>Neurological Sciences</i> , 2019, 40, 763-767.	1.9	9
74	The comprehensive, customized, cost-effective approach (CCCAP) to prevention of dementia. <i>Alzheimer's and Dementia</i> , 2022, 18, 1565-1568.	0.8	9
75	Intravenous Thrombolysis After First-Ever Ischemic Stroke and Reduced Incident Dementia Rate. <i>Stroke</i> , 2022, 53, 1170-1177.	2.0	8
76	Implementing the proclamation of stroke and potentially preventable dementias. <i>Journal of Clinical Hypertension</i> , 2018, 20, 1354-1359.	2.0	7
77	B Vitamins for Stroke Prevention. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2147-2148.	2.8	7
78	Historical Neurology and Neurosurgery On the Names of Babiński. <i>Canadian Journal of Neurological Sciences</i> , 1996, 23, 76-79.	0.5	6
79	Thalamic cramp-like pain. <i>Journal of the Neurological Sciences</i> , 2014, 336, 269-272.	0.6	6
80	Commentary on "Alzheimer's disease drug development and the problem of the blood-brain barrier." The blood-brain barrier: A physical and conceptual challenge. , 2009, 5, 435-436.		5
81	Hypertension and Pathogenic hAPP Independently Induce White Matter Astrocytosis and Cognitive Impairment in the Rat. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 82.	3.4	5
82	The apathy, gait impairment, and executive dysfunction (AGED) triad vascular variant. <i>Alzheimer's and Dementia</i> , 2022, 18, 1662-1666.	0.8	5
83	Commentary on "Vascular cognitive impairment: Today and tomorrow." Vascular cognitive impairment: Yesterday, today, and tomorrow. , 2006, 2, 198-199.		4
84	Intra-Arterial Thrombolysis for Basilar Artery Thrombosis and Stenting for Asymptomatic Carotid Disease. <i>Stroke</i> , 2007, 38, 721-722.	2.0	4
85	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.	0.5	4
86	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.	4.0	4
87	Time is brain: Balancing risk in the treatment of presumed cardioembolic stroke. <i>Journal of the Neurological Sciences</i> , 2017, 382, 157-160.	0.6	3
88	Inhibition of the primary motor cortex and the upgoing thumb sign. <i>ENeurologicalSci</i> , 2017, 8, 31-33.	1.3	3
89	Air pollution: A silent common killer for stroke and dementia. <i>International Journal of Stroke</i> , 2018, 13, 667-668.	5.9	3
90	The pathway towards an effective reduction of stroke burden worldwide: teamwork. <i>Lancet Neurology</i> , The, 2019, 18, 622-623.	10.2	3

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91	Introduction. Stroke, 2005, 36, 177-178.	2.0	2
92	Marc Fisher, the New Editor-in-Chief of Stroke. Stroke, 2010, 41, 571-571.	2.0	2
93	Careers in neurology in a globalizing world. Neurology, 2016, 86, e21-3.	1.1	2
94	Simple Neuropsychological Tests May Identify Participants in Whom Aspirin Use Is Associated With Lower Dementia Incidence. American Journal of Alzheimer's Disease and Other Dementias, 2016, 31, 545-550.	1.9	2
95	Stoop to conquer: preventing stroke and dementia together. Lancet, The, 2017, 389, 1518.	13.7	2
96	Atherosclerosis and vascular cognitive impairment neuropathological guideline. Brain, 2017, 140, e12-e12.	7.6	2
97	The upgoing thumb sign. Neurology: Clinical Practice, 2017, 7, 483-487.	1.6	2
98	Reversible Dementias. , 0, , 110-119.		2
99	Age, sex, and setting in the etiology of stroke study (ASSESS): Study design and protocol. Journal of the Neurological Sciences, 2019, 399, 209-213.	0.6	2
100	Advances in Stroke 2002: Introduction. Stroke, 2003, 34, 323-323.	2.0	2
101	A new definition of brain reserve. Alzheimer's and Dementia, 2022, , .	0.8	2
102	Brain health: The time has come. European Journal of Neurology, 0, , .	3.3	2
103	Tissue Plasminogen Activator in a Vertebral Artery Dissection. Canadian Journal of Neurological Sciences, 1997, 24, 151-157.	0.5	1
104	Stroke in Chinese. Stroke, 2006, 37, 1347-1347.	2.0	1
105	Why Read, Contribute to, and Promote Stroke ?. Stroke, 2007, 38, 209-211.	2.0	1
106	Neurology in a globalizing world. Neurology, 2013, 80, 2248-2249.	1.1	1
107	Preventing both stroke and dementia. Lancet Neurology, The, 2016, 15, 659.	10.2	1
108	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) Tj ETQq0 0 0 rgBT. Overlook 10 Tf 00		

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109	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. BMC Endocrine Disorders, 2017, 17, 24.	2.2	1
110	Response to the growing dementia burden must be broader. Lancet Neurology, The, 2018, 17, 934.	10.2	1
111	No difference in dementia prediction between apolipoprotein E4 and the ischemic score. Alzheimer's and Dementia, 2020, 16, 1596-1599.	0.8	1
112	Vitamin D concentration and lateral cerebral ventricle volume in older adults. , 2013, 57, 267.		1
113	Neurology in Islamic Spain: A call for further research. Journal of the History of the Neurosciences, 1993, 2, 45-51.	0.9	0
114	Why Publish in Stroke ?. Stroke, 2004, 35, 2751-2751.	2.0	0
115	Stroke Supplements. Stroke, 2004, 35, 2429-2429.	2.0	0
116	Stroke in Italian. Stroke, 2005, 36, 2057-2057.	2.0	0
117	Stroke-related dementia. , 2005, , 538-555.		0
118	Response to Letters by Hamilton and Filardo, and Manfredini et al. Stroke, 2007, 38, .	2.0	0
119	World Federation of Neurology: Moving into the Future. Canadian Journal of Neurological Sciences, 2013, 40, 609-611.	0.5	0
120	FTS3a€02a€04: New Frontiers in Stroke and Dementia Treatment and Prevention. Alzheimer's and Dementia, 2016, 12, P278.	0.8	0
121	Optimisation of stroke research. Lancet Neurology, The, 2017, 16, 340-341.	10.2	0
122	John W. Norris. Stroke, 2020, 51, 1913-1915.	2.0	0
123	Stroke : The Essential Journal. Stroke, 2020, 51, 1027-1031.	2.0	0
124	APP21 transgenic rats develop agea€0dependent cognitive impairment and microglia accumulation within white matter tracts. FASEB Journal, 2019, 33, 802.53.	0.5	0
125	Developments in NEW triad research. Aging, 2022, 14, 3726-3727.	3.1	0