Vladimir Hachinski

List of Publications by Year
in descending order

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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	Secular trends of ischaemic heart disease, stroke, and dementia in high-income countries from 1990 to 2017: the Global Burden of Disease Study 2017. Neurological Sciences, 2022, 43, 255-264.	1.9	15
2	Brain health: Key to health, productivity, and wellâ€being. Alzheimer's and Dementia, 2022, 18, 1396-1407.	0.8	27
3	The comprehensive, customized, costâ€effective approach (CCCAP) to prevention of dementia. Alzheimer's and Dementia, 2022, 18, 1565-1568.	0.8	9
4	A new definition of brain reserve. Alzheimer's and Dementia, 2022, , .	0.8	2
5	The apathy, gait impairment, and executive dysfunction (AGED) triad vascular variant. Alzheimer's and Dementia, 2022, 18, 1662-1666.	0.8	5
6	Intravenous Thrombolysis After First-Ever Ischemic Stroke and Reduced Incident Dementia Rate. Stroke, 2022, 53, 1170-1177.	2.0	8
7	Developments in NEW triad research. Aging, 2022, 14, 3726-3727.	3.1	0
8	Brain Healthâ€"Curbing Stroke, Heart Disease, and Dementia. Neurology, 2021, 97, 273-279.	1.1	22
9	A new definition of brain health. Lancet Neurology, The, 2021, 20, 335-336.	10.2	23
10	Stroke and dementia, leading causes of neurological disability and death, potential for prevention. Alzheimer's and Dementia, 2021, 17, 1072-1076.	0.8	41
11	The Ambibaric Brain: Pathophysiological and Clinical Implications. Stroke, 2021, 52, e259-e262.	2.0	10
12	Precocious White Matter Inflammation and Behavioural Inflexibility Precede Learning and Memory Impairment in the TgAPP21 Rat Model of Alzheimer Disease. Molecular Neurobiology, 2021, 58, 5014-5030.	4.0	4
13	A third of community-dwelling elderly with intermediate and high level of Alzheimerâ€™s neuropathologic changes are not demented: A meta-analysis. Ageing Research Reviews, 2020, 58, 101002.	10.9	15
14	No difference in dementia prediction between apolipoprotein E4 and the ischemic score. Alzheimer's and Dementia, 2020, 16, 1596-1599.	0.8	1
15	John W. Norris. Stroke, 2020, 51, 1913-1915.	2.0	0
16	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
17	Stroke : The Essential Journal. Stroke, 2020, 51, 1027-1031.	2.0	0
18	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

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19	Hypertension and Pathogenic hAPP Independently Induce White Matter Astrocytosis and Cognitive Impairment in the Rat. Frontiers in Aging Neuroscience, 2020, 12, 82.	3.4	5
20	Preventing dementia by preventing stroke: The Berlin Manifesto. Alzheimer's and Dementia, 2019, 15, 961-984.	0.8	200
21	Vascular Cognitive Impairment andÂDementia. Journal of the American College of Cardiology, 2019, 73, 3326-3344.	2.8	384
22	Special topic section: linkages among cerebrovascular, cardiovascular, and cognitive disorders: Preventing dementia by preventing stroke: The Berlin Manifesto. International Journal of Stroke, 2019, , 174749301987191.	5.9	13
23	Dementia: new vistas and opportunities. Neurological Sciences, 2019, 40, 763-767.	1.9	9
24	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
25	The pathway towards an effective reduction of stroke burden worldwide: teamwork. Lancet Neurology, The, 2019, 18, 622-623.	10.2	3
26	Dementia: Paradigm shifting into high gear. Alzheimer's and Dementia, 2019, 15, 985-994.	0.8	26
27	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 107-117.	3.7	250
28	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
29	Impaired behavioural flexibility related to white matter microgliosis in the TgAPP21 rat model of Alzheimer disease. Brain, Behavior, and Immunity, 2019, 80, 25-34.	4.1	24
30	Vascular cognitive impairment: A preventable component of dementia. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 167, 377-391.	1.8	19
31	Evidence of Concomitantly Increasing Stroke and Dementia Prevalence among those 80 Years and Older in Ontario, Canada, 2003-04 to 2012-13. Canadian Journal of Neurological Sciences, 2019, 46, 105-107.	0.5	4
32	APP21 transgenic rats develop ageâ€dependent cognitive impairment and microglia accumulation within white matter tracts. FASEB Journal, 2019, 33, 802.53.	0.5	0
33	Cerebrovascular and Alzheimer disease: fellow travelers or partners in crime?. Journal of Neurochemistry, 2018, 144, 513-516.	3.9	34
34	Concomitant vascular and neurodegenerative pathologies double the risk of dementia. Alzheimer's and Dementia, 2018, 14, 148-156.	0.8	125
35	Implementing the proclamation of stroke and potentially preventable dementias. Journal of Clinical Hypertension, 2018, 20, 1354-1359.	2.0	7
36	Strokeâ€“heart syndrome: clinical presentation and underlying mechanisms. Lancet Neurology, The, 2018, 17, 1109-1120.	10.2	135

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37	Response to the growing dementia burden must be broader. Lancet Neurology, The, 2018, 17, 934.	10.2	1
38	Implementing the Proclamation of Stroke and Potentially Preventable Dementias. International Journal of Stroke, 2018, 13, 780-786.	5.9	11
39	APP21 transgenic rats develop age-dependent cognitive impairment and microglia accumulation within white matter tracts. Journal of Neuroinflammation, 2018, 15, 241.	7.2	16
40	Air pollution: A silent common killer for stroke and dementia. International Journal of Stroke, 2018, 13, 667-668.	5.9	3
41	Cognitive changes following multiple-modality exercise and mind-motor training in older adults with subjective cognitive complaints: The M4 study. PLoS ONE, 2018, 13, e0196356.	2.5	18
42	World dementia. Neurology, 2018, 91, 264-270.	1.1	56
43	B Vitamins for Stroke Prevention. Journal of the American College of Cardiology, 2018, 71, 2147-2148.	2.8	7
44	APOE Îµ2Îµ4 genotype, incident AD and MCI, cognitive decline, and AD pathology in older adults. Neurology, 2018, 90, e2127-e2134.	1.1	42
45	Milder Alzheimer's disease pathology in heart failure and atrial fibrillation. Alzheimer's and Dementia, 2017, 13, 770-777.	0.8	20
46	Response by Sposato et al to Letter Regarding Article, â€œEffect 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 /Overlock 10 Tf 50	7.0	1
47	Optimisation of stroke research. Lancet Neurology, The, 2017, 16, 340-341.	10.2	0
48	Stoop to conquer: preventing stroke and dementia together. Lancet, The, 2017, 389, 1518.	13.7	2
49	Populationâ€based stroke and dementia incidence trends: Age and sex variations. Alzheimer's and Dementia, 2017, 13, 1081-1088.	0.8	40
50	Combined Dual-Task Gait Training andÂAerobic Exercise to Improve Cognition,ÂMobility, andÂVascular Health inÂCommunity-Dwelling Older Adults atÂRisk for Future Cognitive Decline1. Journal of Alzheimer's Disease, 2017, 57, 747-763.	2.6	37
51	Atherosclerosis and vascular cognitive impairment neuropathological guideline. Brain, 2017, 140, e12-e12.	7.6	2
52	The upgoing thumb sign. Neurology: Clinical Practice, 2017, 7, 483-487.	1.6	2
53	Time is brain: Balancing risk in the treatment of presumed cardioembolic stroke. Journal of the Neurological Sciences, 2017, 382, 157-160.	0.6	3
54	Inhibition of the primary motor cortex and the upgoing thumb sign. ENeurologicalSci, 2017, 8, 31-33.	1.3	3

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55	Behavioural inflexibility in a comorbid rat model of striatal ischemic injury and mutant hAPP overexpression. Behavioural Brain Research, 2017, 333, 267-275.	2.2	18
56	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
57	Cost-effectiveness of cerebrospinal biomarkers for the diagnosis of Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2017, 9, 18.	6.2	19
58	Upgoing thumb sign. Neurology, 2017, 89, 370-375.	1.1	10
59	Blood pressure at age 60â€“65 versus age 70â€“75 and vascular dementia: a population based observational study. BMC Geriatrics, 2017, 17, 252.	2.7	9
60	Human cerebral circuitry related to cardiac control: A neuroimaging metaâ€analysis. Annals of Neurology, 2016, 79, 709-716.	5.3	65
61	FTS3â€02â€04: New Frontiers in Stroke and Dementia Treatment and Prevention. Alzheimer's and Dementia, 2016, 12, P278.	0.8	0
62	Preventing both stroke and dementia. Lancet Neurology, The, 2016, 15, 659.	10.2	1
63	Group-based exercise and cognitive-physical training in older adults with self-reported cognitive complaints: The Multiple-Modality, Mind-Motor (M4) study protocol. BMC Geriatrics, 2016, 16, 17.	2.7	21
64	A comparison between the MoCA and the MMSE visuoexecutive sub-tests in detecting abnormalities in TIA/stroke patients. International Journal of Stroke, 2016, 11, 420-424.	5.9	27
65	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. Alzheimer's and Dementia, 2016, 12, 1235-1249.	0.8	82
66	Effect of Right Insular Involvement on Death and Functional Outcome After Acute Ischemic Stroke in the IST-3 Trial (Third International Stroke Trial). Stroke, 2016, 47, 2959-2965.	2.0	25
67	Revising the ICD: stroke is a brain disease. Lancet, The, 2016, 388, 2475-2476.	13.7	16
68	Stroke is a burdensome but preventable brain disorder. Lancet Neurology, The, 2016, 15, 892-893.	10.2	17
69	Group-based exercise combined with dual-task training improves gait but not vascular health in active older adults without dementia. Archives of Gerontology and Geriatrics, 2016, 63, 18-27.	3.0	18
70	Careers in neurology in a globalizing world. Neurology, 2016, 86, e21-3.	1.1	2
71	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
72	Stroke and Potentially Preventable Dementias Proclamation. Stroke, 2015, 46, 3039-3040.	2.0	65

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73	Characterization of Behaviour and Remote Degeneration Following Thalamic Stroke in the Rat. International Journal of Molecular Sciences, 2015, 16, 13921-13936.	4.1	10
74	Declining Incidence of Stroke and Dementia: Coincidence or Prevention Opportunity?. JAMA Neurology, 2015, 72, 1529.	9.0	71
75	Executive dysfunction is a strong stroke predictor. Journal of the Neurological Sciences, 2015, 349, 161-167.	0.6	11
76	Diagnosis of atrial fibrillation after stroke and transient ischaemic attack: a systematic review and meta-analysis. Lancet Neurology, The, 2015, 14, 377-387.	10.2	513
77	Executive dysfunction in patients with transient ischemic attack and minor stroke. Journal of the Neurological Sciences, 2015, 354, 17-20.	0.6	26
78	Role of brain infarcts in behavioral variant frontotemporal dementia. Neurobiology of Aging, 2015, 36, 2861-2868.	3.1	14
79	Vitamin D and Caudal Primary Motor Cortex: A Magnetic Resonance Spectroscopy Study. PLoS ONE, 2014, 9, e87314.	2.5	20
80	Association between gait variability and brain ventricle attributes: a brain mapping study. Experimental Gerontology, 2014, 57, 256-263.	2.8	35
81	Amyloid Burden, Neuroinflammation, and Links to Cognitive Decline After Ischemic Stroke. Stroke, 2014, 45, 2825-2829.	2.0	93
82	Baroreflex sensitivity: Reliability of baroreflex components of the Valsalva maneuver. Autonomic Neuroscience: Basic and Clinical, 2014, 185, 138-140.	2.8	11
83	Preludes to brain failure: executive dysfunction and gait disturbances. Neurological Sciences, 2014, 35, 601-604.	1.9	63
84	Thalamic cramplike pain. Journal of the Neurological Sciences, 2014, 336, 269-272.	0.6	6
85	Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. Lancet Neurology, The, 2013, 12, 822-838.	10.2	3,919
86	Antihypertensive treatment can prevent stroke and cognitive decline. Nature Reviews Neurology, 2013, 9, 174-178.	10.1	88
87	Dementia: from muddled diagnoses to treatable mechanisms. Brain, 2013, 136, 2652-2654.	7.6	17
88	Neurology in a globalizing world. Neurology, 2013, 80, 2248-2249.	1.1	1
89	World Federation of Neurology: Moving into the Future. Canadian Journal of Neurological Sciences, 2013, 40, 609-611.	0.5	0
90	Vitamin D concentration and lateral cerebral ventricle volume in older adults. , 2013, 57, 267.		1

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91	Optimizing the Hachinski Ischemic Scale. Archives of Neurology, 2012, 69, 169.	4.5	49
92	Cardiovascular and neurological causes of sudden death after ischaemic stroke. Lancet Neurology, The, 2012, 11, 179-188.	10.2	212
93	Stroke and Alzheimer Disease. Archives of Neurology, 2011, 68, 797-8.	4.5	22
94	Organized Outpatient Care. Stroke, 2011, 42, 3176-3182.	2.0	54
95	Stroke: Working toward a Prioritized World Agenda. Cerebrovascular Diseases, 2010, 30, 127-147.	1.7	25
96	Stroke: Working Toward a Prioritized World Agenda. Stroke, 2010, 41, 1084-1099.	2.0	122
97	Marc Fisher, the New Editor-in-Chief of Stroke. Stroke, 2010, 41, 571-571.	2.0	2
98	Commentary on â€œAlzheimer's disease drug development and the problem of the blood-brain barrier.â€• The blood-brain barrier: A physical and conceptual challenge. , 2009, 5, 435-436.		5
99	Vascular risk factors and Alzheimerâ€™s disease. Expert Review of Neurotherapeutics, 2008, 8, 743-750.	2.8	106
100	Shifts in Thinking About Dementia. JAMA - Journal of the American Medical Association, 2008, 300, 2172.	7.4	77
101	World Stroke Day 2008. Stroke, 2008, 39, 2407-2408.	2.0	49
102	Intra-Arterial Thrombolysis for Basilar Artery Thrombosis and Stenting for Asymptomatic Carotid Disease. Stroke, 2007, 38, 721-722.	2.0	4
103	Stroke and Vascular Cognitive Impairment. Stroke, 2007, 38, 1396-1396.	2.0	96
104	Response to Letters by Hamilton and Filardo, and Manfredini et al. Stroke, 2007, 38, .	2.0	0
105	Why Read, Contribute to, and Promote Stroke ?. Stroke, 2007, 38, 209-211.	2.0	1
106	The reciprocal risks of stroke and cognitive impairment in an elderly population. Alzheimer's and Dementia, 2006, 2, 171-178.	0.8	129
107	Commentary on â€œVascular cognitive impairment: Today and tomorrow.â€•Vascular cognitive impairment: Yesterday, today, and tomorrow. , 2006, 2, 198-199.		4
108	Stroke in Chinese. Stroke, 2006, 37, 1347-1347.	2.0	1

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109	National Institute of Neurological Disorders and Strokeâ€“Canadian Stroke Network Vascular Cognitive Impairment Harmonization Standards. Stroke, 2006, 37, 2220-2241.	2.0	1,445
110	Stroke in Italian. Stroke, 2005, 36, 2057-2057.	2.0	0
111	Stroke-related dementia. , 2005, , 538-555.		0
112	Introduction. Stroke, 2005, 36, 177-178.	2.0	2
113	Why Publish in Stroke ?. Stroke, 2004, 35, 2751-2751.	2.0	0
114	Stroke Supplements. Stroke, 2004, 35, 2429-2429.	2.0	0
115	Advances in Stroke 2002: Introduction. Stroke, 2003, 34, 323-323.	2.0	2
116	Stalin's last years: delusions or dementia?. European Journal of Neurology, 1999, 6, 129-132.	3.3	13
117	An autopsy-verified study of the effect of education on degenerative dementia. Brain, 1999, 122, 2309-2319.	7.6	142
118	Tissue Plasminogen Activator in a Vertebral Artery Dissection. Canadian Journal of Neurological Sciences, 1997, 24, 151-157.	0.5	1
119	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
120	Serum Protein Leakage in Alzheimer's Disease Revisited. Annals of the New York Academy of Sciences, 1997, 826, 173-189.	3.8	26
121	Historical Neurology and Neurosurgery On the Names of BabiÅ„ski. Canadian Journal of Neurological Sciences, 1996, 23, 76-79.	0.5	6
122	Neurology in Islamic Spain: A call for further research. Journal of the History of the Neurosciences, 1993, 2, 45-51.	0.9	0
123	Stroke Assessment Scales: Guidelines for Development, Validation, and Reliability Assessment. Canadian Journal of Neurological Sciences, 1988, 15, 261-265.	0.5	18
124	Reversible Dementias. , 0, , 110-119.		2
125	Brain health: The time has come. European Journal of Neurology, 0, , .	3.3	2