

Peter J Koudstaal

List of Publications by Citations

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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.

99
papers

22,719
citations

53
h-index

99
g-index

99
ext. papers

25,950
ext. citations

10.5
avg, IF

6.06
L-index

#	Paper	IF	Citations
99	A randomized trial of intraarterial treatment for acute ischemic stroke. <i>New England Journal of Medicine</i> , 2015 , 372, 11-20	59.2	4104
98	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
97	Silent brain infarcts and the risk of dementia and cognitive decline. <i>New England Journal of Medicine</i> , 2003 , 348, 1215-22	59.2	1720
96	Common carotid intima-media thickness and risk of stroke and myocardial infarction: the Rotterdam Study. <i>Circulation</i> , 1997 , 96, 1432-7	16.7	1527
95	Genome-wide analysis of genetic loci associated with Alzheimer disease. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 1832-40	27.4	888
94	Silent brain infarcts: a systematic review. <i>Lancet Neurology</i> , 2007 , 6, 611-9	24.1	863
93	A comparison of two doses of aspirin (30 mg vs. 283 mg a day) in patients after a transient ischemic attack or minor ischemic stroke. <i>New England Journal of Medicine</i> , 1991 , 325, 1261-6	59.2	730
92	Silent brain infarcts and white matter lesions increase stroke risk in the general population: the Rotterdam Scan Study. <i>Stroke</i> , 2003 , 34, 1126-9	6.7	717
91	Selecting patients with atrial fibrillation for anticoagulation: stroke risk stratification in patients taking aspirin. <i>Circulation</i> , 2004 , 110, 2287-92	16.7	616
90	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
89	Cerebral hypoperfusion and clinical onset of dementia: the Rotterdam Study. <i>Annals of Neurology</i> , 2005 , 57, 789-94	9.4	552
88	Cerebral small-vessel disease and decline in information processing speed, executive function and memory. <i>Brain</i> , 2005 , 128, 2034-41	11.2	546
87	Oral anticoagulants vs aspirin in nonvalvular atrial fibrillation: an individual patient meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 288, 2441-8	27.4	508
86	Uric acid is a risk factor for myocardial infarction and stroke: the Rotterdam study. <i>Stroke</i> , 2006 , 37, 1503-7	36.7	432
85	Progression of cerebral small vessel disease in relation to risk factors and cognitive consequences: Rotterdam Scan study. <i>Stroke</i> , 2008 , 39, 2712-9	6.7	388
84	Cerebral white matter lesions and the risk of dementia. <i>Archives of Neurology</i> , 2004 , 61, 1531-4		382
83	Prevalence and risk factors of silent brain infarcts in the population-based Rotterdam Scan Study. <i>Stroke</i> , 2002 , 33, 21-5	6.7	369

82	Plasma Abeta(1-40) and Abeta(1-42) and the risk of dementia: a prospective case-cohort study. <i>Lancet Neurology, The</i> , 2006 , 5, 655-60	24.1	364
81	Incidence and risk factors of silent brain infarcts in the population-based Rotterdam Scan Study. <i>Stroke</i> , 2003 , 34, 392-6	6.7	313
80	Homocysteine, silent brain infarcts, and white matter lesions: The Rotterdam Scan Study. <i>Annals of Neurology</i> , 2002 , 51, 285-9	9.4	275
79	Effect of age on stroke prevention therapy in patients with atrial fibrillation: the atrial fibrillation investigators. <i>Stroke</i> , 2009 , 40, 1410-6	6.7	259
78	Atherosclerosis and risk for dementia. <i>Annals of Neurology</i> , 2007 , 61, 403-10	9.4	228
77	Use of hippocampal and amygdalar volumes on magnetic resonance imaging to predict dementia in cognitively intact elderly people. <i>Archives of General Psychiatry</i> , 2006 , 63, 57-62		192
76	Randomized, double-blind, placebo-controlled, international trial of the oral IIb/IIIa antagonist lotrafiban in coronary and cerebrovascular disease. <i>Circulation</i> , 2003 , 108, 399-406	16.7	180
75	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology, The</i> , 2018 , 17, 895-904	24.1	179
74	A 10-year follow-up of hippocampal volume on magnetic resonance imaging in early dementia and cognitive decline. <i>Brain</i> , 2010 , 133, 1163-72	11.2	172
73	Time to Reperfusion and Treatment Effect for Acute Ischemic Stroke: A Randomized Clinical Trial. <i>JAMA Neurology</i> , 2016 , 73, 190-6	17.2	164
72	Collateral Status on Baseline Computed Tomographic Angiography and Intra-Arterial Treatment Effect in Patients With Proximal Anterior Circulation Stroke. <i>Stroke</i> , 2016 , 47, 768-76	6.7	158
71	Penumbra imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. <i>Lancet Neurology, The</i> , 2019 , 18, 46-55	24.1	156
70	National Stroke Association guidelines for the management of transient ischemic attacks. <i>Annals of Neurology</i> , 2006 , 60, 301-13	9.4	155
69	Fibrinogen is associated with an increased risk of Alzheimer disease and vascular dementia. <i>Stroke</i> , 2005 , 36, 2637-41	6.7	151
68	A clinical prediction rule to identify patients with atrial fibrillation and a low risk for stroke while taking aspirin. <i>Archives of Internal Medicine</i> , 2003 , 163, 936-43		144
67	Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. <i>Lancet Neurology, The</i> , 2018 , 17, 47-53	24.1	138
66	Cerebral Microbleeds Are Associated With an Increased Risk of Stroke: The Rotterdam Study. <i>Circulation</i> , 2015 , 132, 509-16	16.7	135
65	Decreased glomerular filtration rate is a risk factor for hemorrhagic but not for ischemic stroke: the Rotterdam Study. <i>Stroke</i> , 2007 , 38, 3127-32	6.7	124

64	Filter-based cerebral embolic protection with transcatheter aortic valve implantation: the randomised MISTRAL-C trial. <i>EuroIntervention</i> , 2016 , 12, 499-507	3.1	108
63	Cerebral ischemia after carotid intervention. <i>Journal of Endovascular Therapy</i> , 2004 , 11, 251-7	2.5	103
62	Impaired glucose tolerance increases stroke risk in nondiabetic patients with transient ischemic attack or minor ischemic stroke. <i>Stroke</i> , 2006 , 37, 1413-7	6.7	102
61	Brain tissue volumes in relation to cognitive function and risk of dementia. <i>Neurobiology of Aging</i> , 2010 , 31, 378-86	5.6	99
60	Incidence and prognosis of transient neurological attacks. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 298, 2877-85	27.4	96
59	Plasma amyloid beta, apolipoprotein E, lacunar infarcts, and white matter lesions. <i>Annals of Neurology</i> , 2004 , 55, 570-5	9.4	91
58	Value of Computed Tomographic Perfusion-Based Patient Selection for Intra-Arterial Acute Ischemic Stroke Treatment. <i>Stroke</i> , 2015 , 46, 3375-82	6.7	81
57	Unrecognized myocardial infarction in relation to risk of dementia and cerebral small vessel disease. <i>Stroke</i> , 2008 , 39, 1421-6	6.7	75
56	Alcohol intake in relation to brain magnetic resonance imaging findings in older persons without dementia. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 992-7	7	75
55	Genome-wide association studies of MRI-defined brain infarcts: meta-analysis from the CHARGE Consortium. <i>Stroke</i> , 2010 , 41, 210-7	6.7	74
54	Prestroke cognitive performance, incident stroke, and risk of dementia: the Rotterdam Study. <i>Stroke</i> , 2008 , 39, 36-41	6.7	74
53	Baseline Blood Pressure Effect on the Benefit and Safety of Intra-Arterial Treatment in MR CLEAN (Multicenter Randomized Clinical Trial of Endovascular Treatment of Acute Ischemic Stroke in the Netherlands). <i>Stroke</i> , 2017 , 48, 1869-1876	6.7	72
52	Atrial Fibrillation and Cognitive Function: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 612-619	15.1	67
51	Atherosclerotic calcification is related to a higher risk of dementia and cognitive decline. <i>Alzheimers and Dementia</i> , 2015 , 11, 639-47.e1	1.2	67
50	Alzheimer's disease genes and cognition in the nondemented general population. <i>Biological Psychiatry</i> , 2013 , 73, 429-34	7.9	67
49	Modifiable etiological factors and the burden of stroke from the Rotterdam study: a population-based cohort study. <i>PLoS Medicine</i> , 2014 , 11, e1001634	11.6	62
48	Thyroid function and the risk of dementia: The Rotterdam Study. <i>Neurology</i> , 2016 , 87, 1688-1695	6.5	61
47	Prevalence of stroke in the general population. The Rotterdam Study. <i>Stroke</i> , 1996 , 27, 1499-501	6.7	56

46	Determinants, MRI correlates, and prognosis of mild cognitive impairment: the Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2014 , 42 Suppl 3, S239-49	4.3	47
45	Cerebral small vessel disease affects white matter microstructure in mild cognitive impairment. <i>Human Brain Mapping</i> , 2014 , 35, 2836-51	5.9	45
44	Methylenetetrahydrofolate reductase C677T genotype and PD. <i>Annals of Neurology</i> , 2005 , 57, 927-30	9.4	45
43	Genome-wide association study of vascular dementia. <i>Stroke</i> , 2012 , 43, 315-9	6.7	44
42	Anticoagulants versus antiplatelet therapy for preventing stroke in patients with nonrheumatic atrial fibrillation and a history of stroke or transient ischemic attack. <i>The Cochrane Library</i> , 2004 , CD000187	5.2	44
41	Retinopathy and risk of dementia: the Rotterdam Study. <i>Neurology</i> , 2012 , 79, 365-70	6.5	39
40	Trends in the Incidence of Parkinson Disease in the General Population: The Rotterdam Study. <i>American Journal of Epidemiology</i> , 2016 , 183, 1018-26	3.8	36
39	A study of the bidirectional association between hippocampal volume on magnetic resonance imaging and depression in the elderly. <i>Biological Psychiatry</i> , 2011 , 70, 191-7	7.9	36
38	Alpha-adducin polymorphism, atherosclerosis, and cardiovascular and cerebrovascular risk. <i>Stroke</i> , 2006 , 37, 2930-4	6.7	35
37	Clot Burden Score on Baseline Computerized Tomographic Angiography and Intra-Arterial Treatment Effect in Acute Ischemic Stroke. <i>Stroke</i> , 2016 , 47, 2972-2978	6.7	33
36	Anxiety is not associated with the risk of dementia or cognitive decline: the Rotterdam Study. <i>American Journal of Geriatric Psychiatry</i> , 2014 , 22, 1382-90	6.5	31
35	National Institutes of Health Stroke Scale: An Alternative Primary Outcome Measure for Trials of Acute Treatment for Ischemic Stroke. <i>Stroke</i> , 2020 , 51, 282-290	6.7	31
34	Subclinical cardiac dysfunction increases the risk of stroke and dementia: the Rotterdam Study. <i>Neurology</i> , 2015 , 84, 833-40	6.5	30
33	Lipoprotein-associated phospholipase A2 is associated with risk of dementia. <i>Annals of Neurology</i> , 2006 , 59, 139-44	9.4	30
32	Assessment of cerebral small vessel disease predicts individual stroke risk. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 1174-9	5.5	29
31	Anticoagulants for preventing stroke in patients with nonrheumatic atrial fibrillation and a history of stroke or transient ischaemic attack. <i>The Cochrane Library</i> , 2004 , CD000185	5.2	29
30	The influence of cerebral small vessel disease on default mode network deactivation in mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2012 , 2, 33-42	5.3	27
29	Glucocorticoid receptor variant and risk of dementia and white matter lesions. <i>Neurobiology of Aging</i> , 2008 , 29, 716-23	5.6	27

28	Admission Glucose and Effect of Intra-Arterial Treatment in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2017 , 48, 1299-1305	6.7	24
27	The source of embolism in amaurosis fugax and retinal artery occlusion. <i>International Ophthalmology</i> , 1994 , 18, 83-6	2.2	23
26	Prediction of major vascular events in patients with transient ischemic attack or ischemic stroke: a comparison of 7 models. <i>Stroke</i> , 2010 , 41, 2178-85	6.7	22
25	Influence of Device Choice on the Effect of Intra-Arterial Treatment for Acute Ischemic Stroke in MR CLEAN (Multicenter Randomized Clinical Trial of Endovascular Treatment for Acute Ischemic Stroke in the Netherlands). <i>Stroke</i> , 2016 , 47, 2574-81	6.7	22
24	Classification of cause of death after stroke in clinical research. <i>Stroke</i> , 2006 , 37, 1521-4	6.7	20
23	Higher Education Is Associated with a Lower Risk of Dementia after a Stroke or TIA. The Rotterdam Study. <i>Neuroepidemiology</i> , 2016 , 46, 120-7	5.4	19
22	Vitamin K antagonists versus antiplatelet therapy after transient ischaemic attack or minor ischaemic stroke of presumed arterial origin. <i>The Cochrane Library</i> , 2012 , CD001342	5.2	19
21	Vascular risk factors, apolipoprotein E, and hippocampal decline on magnetic resonance imaging over a 10-year follow-up. <i>Alzheimers and Dementia</i> , 2012 , 8, 417-25	1.2	18
20	What is the lowest dose of aspirin for maximum suppression of in vivo thromboxane production after a transient ischemic attack or ischemic stroke?. <i>Cerebrovascular Diseases</i> , 2004 , 17, 296-302	3.2	18
19	White Matter Microstructure Improves Stroke Risk Prediction in the General Population. <i>Stroke</i> , 2016 , 47, 2756-2762	6.7	16
18	Large subcortical infarcts: clinical features, risk factors, and long-term prognosis compared with cortical and small deep infarcts. <i>Stroke</i> , 2006 , 37, 1828-32	6.7	13
17	Oral anticoagulants versus antiplatelet therapy for preventing further vascular events after transient ischaemic attack or minor stroke of presumed arterial origin. <i>Cochrane Database of Systematic Reviews</i> , 2006 , CD001342		13
16	Relation between aspirin dose, all-cause mortality, and bleeding in patients with recent cerebrovascular or coronary ischemic events (from the BRAVO Trial). <i>American Journal of Cardiology</i> , 2008 , 102, 1285-90	3	11
15	We need stronger predictors of major vascular events in patients with a recent transient ischemic attack or nondisabling stroke. Dutch TIA Trial Study Group. <i>Stroke</i> , 1997 , 28, 774-6	6.7	11
14	Clinical and Imaging Markers Associated With Hemorrhagic Transformation in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 2037-2043	6.7	10
13	Global Brain Perfusion and the Risk of Transient Ischemic Attack and Ischemic Stroke: The Rotterdam Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e011565	6	9
12	Predicting and preventing stroke after transient ischemic attack. <i>Expert Review of Neurotherapeutics</i> , 2009 , 9, 1159-70	4.3	8
11	Concomitant headache influences long-term prognosis after acute cerebral ischemia of noncardioembolic origin. <i>Stroke</i> , 2013 , 44, 2446-50	6.7	7

10	Cohort study ON Neuroimaging, Etiology and Cognitive consequences of Transient neurological attacks (CONNECT): study rationale and protocol. <i>BMC Neurology</i> , 2015 , 15, 36	3.1	6
9	Is the long-term prognosis of transient ischemic attack or minor ischemic stroke affected by the occurrence of nonfocal symptoms?. <i>Stroke</i> , 2014 , 45, 1318-23	6.7	6
8	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke: A Meta-analysis of Individual Patient Data From 7 Randomized Clinical Trials. <i>JAMA Neurology</i> , 2021 , 78, 709-717	17.2	6
7	Assessment of Recurrent Stroke Risk in Patients With a Carotid Web. <i>JAMA Neurology</i> , 2021 , 78, 826-833	17.2	6
6	Aortic Valve Calcification and the Risk of dementia: A Population-Based Study. <i>Journal of Alzheimers Disease</i> , 2017 , 55, 893-897	4.3	5
5	Transient Ischemic Attacks: Diagnosis and Prognosis. <i>Cerebrovascular Diseases</i> , 1994 , 4, 40-46	3.2	4
4	Posttreatment Ischemic Lesion Evolution Is Associated With Reduced Favorable Functional Outcome in Patients With Stroke. <i>Stroke</i> , 2021 , 52, 3523-3531	6.7	2
3	Added Value of a Blinded Outcome Adjudication Committee in an Open-Label Randomized Stroke Trial. <i>Stroke</i> , 2021 , STROKEAHA121035301	6.7	1
2	Economic Evaluation of Endovascular Treatment for Acute Ischemic Stroke. <i>Stroke</i> , 2021 , STROKEAHA121034509	10.3	9
1	Balancing Benefits and Risks of Long-Term Antiplatelet Therapy in Noncardioembolic Transient Ischemic Attack or Stroke. <i>Stroke</i> , 2021 , 52, 3258-3265	6.7	1