Martin P J Van Boxtel

List of Publications by Year
in descending order

103 papers	9,456 citations	66343 42 h-index	40979 93 g-index
105 all docs	105 docs citations	105 times ranked	12226 citing authors

#	Article	IF	Citations
1	A conceptual framework for research on subjective cognitive decline in preclinical Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, 844-852.	0.8	1,863
2	Effect of 3-year folic acid supplementation on cognitive function in older adults in the FACIT trial: a randomised, double blind, controlled trial. Lancet, The, 2007, 369, 208-216.	13.7	650
3	Rey's verbal learning test: Normative data for 1855 healthy participants aged 24â€“81 years and the influence of age, sex, education, and mode of presentation. Journal of the International Neuropsychological Society, 2005, 11, 290-302.	1.8	526
4	The Stroop Color-Word Test. Assessment, 2006, 13, 62-79.	3.1	515
5	Target risk factors for dementia prevention: a systematic review and Delphi consensus study on the evidence from observational studies. International Journal of Geriatric Psychiatry, 2015, 30, 234-246.	2.7	363
6	Cognitive interventions in healthy older adults and people with mild cognitive impairment: A systematic review. Ageing Research Reviews, 2013, 12, 263-275.	10.9	344
7	The Letter Digit Substitution Test: Normative Data for 1,858 Healthy Participants Aged 24â€“81 from the Maastricht Aging Study (MAAS): Influence of Age, Education, and Sex. Journal of Clinical and Experimental Neuropsychology, 2006, 28, 998-1009.	1.3	293
8	Normative data for the Animal, Profession and Letter M Naming verbal fluency tests for Dutch speaking participants and the effects of age, education, and sex. Journal of the International Neuropsychological Society, 2006, 12, 80-89.	1.8	266
9	A Voxel-based Morphometric Study to Determine Individual Differences in Gray Matter Density Associated with Age and Cognitive Change Over Time. Cerebral Cortex, 2004, 14, 966-973.	2.9	235
10	Parietal cortex matters in Alzheimer's disease: An overview of structural, functional and metabolic findings. Neuroscience and Biobehavioral Reviews, 2012, 36, 297-309.	6.1	203
11	A systematic review of social support interventions for caregivers of people with dementia: Are they doing what they promise?. Maturitas, 2016, 85, 117-130.	2.4	180
12	Coronary heart disease and risk for cognitive impairment or dementia: Systematic review and meta-analysis. PLoS ONE, 2017, 12, e0184244.	2.5	173
13	The Concept Shifting Test: Adult normative data.. Psychological Assessment, 2006, 18, 424-432.	1.5	157
14	Efficacy and usability of assistive technology for patients with cognitive deficits: a systematic review. Clinical Rehabilitation, 2010, 24, 701-714.	2.2	152
15	Fruit and vegetable intake and cognitive decline in middle-aged men and women: the Doetinchem Cohort Study. British Journal of Nutrition, 2011, 106, 752-761.	2.3	151
16	Effects of Computer Training and Internet Usage on the Well-Being and Quality of Life of Older Adults: A Randomized, Controlled Study. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2008, 63, P176-P184.	3.9	145
17	Effects of Type 2 Diabetes on 12-Year Cognitive Change. Diabetes Care, 2013, 36, 1554-1561.	8.6	127
18	Mental Work Demands Protect Against Cognitive Impairment: MAAS Prospective Cohort Study. Experimental Aging Research, 2003, 29, 33-45.	1.2	126

#	Article	IF	Citations
19	Engaged lifestyle and cognitive function in middle and old-aged, non-demented persons: a reciprocal association?. Zeitschrift Fur Gerontologie Und Geriatrie, 2002, 35, 575-581.	1.8	103
20	Dementia risk in renal dysfunction. Neurology, 2017, 88, 198-208.	1.1	103
21	Increase in bloodâ€“brain barrier leakage in healthy, older adults. GeroScience, 2020, 42, 1183-1193.	4.6	96
22	Modifiable Risk Factors for Prevention ofÂDementia in Midlife, Late Life and the Oldest-Old: Validation of the LIBRA Index. Journal of Alzheimer's Disease, 2017, 58, 537-547.	2.6	95
23	Factor Structure and Measurement Invariance of the Cognitive Failures Questionnaire Across the Adult Life Span. Assessment, 2009, 16, 145-158.	3.1	93
24	The effect of two types of memory training on subjective and objective memory performance in healthy individuals aged 55 years and older: a randomized controlled trial. Patient Education and Counseling, 2005, 57, 106-114.	2.2	90
25	Modifiable Risk Factors Explain Socioeconomic Inequalities in Dementia Risk: Evidence from a Population-Based Prospective Cohort Study. Journal of Alzheimer's Disease, 2019, 71, 549-557.	2.6	88
26	Job-worker mismatch and cognitive decline. Oxford Economic Papers, 2007, 60, 237-253.	1.2	86
27	Determinants of cognitive performance and decline in 20 diverse ethno-regional groups: A COSMIC collaboration cohort study. PLoS Medicine, 2019, 16, e1002853.	8.4	86
28	Lifestyle for Brain Health (LIBRA): a new model for dementia prevention. International Journal of Geriatric Psychiatry, 2018, 33, 167-175.	2.7	82
29	Effect of a structured course involving goal management training in older adults: A randomised controlled trial. Patient Education and Counseling, 2007, 65, 205-213.	2.2	80
30	Use of assistive technology in cognitive rehabilitation: Exploratory studies of the opinions and expectations of healthcare professionals and potential users. Brain Injury, 2012, 26, 1257-1266.	1.2	70
31	Effects of computer training and internet usage on cognitive abilities in older adults: a randomized controlled study. Aging Clinical and Experimental Research, 2009, 21, 43-54.	2.9	67
32	Estimating prevalence of subjective cognitive decline in and across international cohort studies of aging: a COSMIC study. Alzheimer's Research and Therapy, 2020, 12, 167.	6.2	64
33	Dementia awareness and risk perception in middle-aged and older individuals: baseline results of the MijnBreincoach survey on the association between lifestyle and brain health. BMC Public Health, 2019, 19, 678.	2.9	62
34	Functional Brain Networks Are Altered in Type 2 Diabetes and Prediabetes: Signs for Compensation of Cognitive Decrements? The Maastricht Study. Diabetes, 2016, 65, 2404-2413.	0.6	57
35	Estimated GFR, Albuminuria, and Cognitive Performance: TheÂMaastricht Study. American Journal of Kidney Diseases, 2017, 69, 179-191.	1.9	57
36	Development and feasibility of Inlife: A pilot study of an online social support intervention for informal caregivers of people with dementia. PLoS ONE, 2017, 12, e0183386.	2.5	55

#	Article	IF	Citations
37	Can mindfulness-based interventions influence cognitive functioning in older adults? A review and considerations for future research. Aging and Mental Health, 2017, 21, 1113-1120.	2.8	54
38	Diet and cognitive decline at middle age: the role of antioxidants. British Journal of Nutrition, 2015, 113, 1410-1417.	2.3	53
39	The Role of Hyperglycemia, Insulin Resistance, and Blood Pressure in Diabetes-Associated Differences in Cognitive Performanceâ€"The Maastricht Study. Diabetes Care, 2017, 40, 1537-1547.	8.6	53
40	Depressive Symptoms and Risk for Dementia: A 9-Year Follow-Up of the Maastricht Aging Study. American Journal of Geriatric Psychiatry, 2011, 19, 902-905.	1.2	49
41	Atrophy of the parietal lobe in preclinical dementia. Brain and Cognition, 2011, 75, 154-163.	1.8	48
42	The effect of multimorbidity on health related functioning: Temporary or persistent? Results from a longitudinal cohort study. Journal of Psychosomatic Research, 2012, 73, 211-217.	2.6	48
43	Predictors of Hearing Acuity: Cross-sectional and Longitudinal Analysis. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 759-765.	3.6	47
44	Long sleep duration is associated with lower cognitive function among middle-age adults â€“ the Doetinchem Cohort Study. Sleep Medicine, 2018, 41, 78-85.	1.6	47
45	Cognitive changes in prevalent and incident cardiovascular disease: a 12-year follow-up in the Maastricht Aging Study (MAAS). European Heart Journal, 2022, 43, e2-e9.	2.2	46
46	Visuospatial processing in early Alzheimerâ€™s disease: AÂmultimodal neuroimaging study. Cortex, 2015, 64, 394-406.	2.4	42
47	Imaging the role of bloodâ€“brain barrier disruption in normal cognitive ageing. GeroScience, 2020, 42, 1751-1764.	4.6	42
48	Associations of fat and muscle tissue with cognitive status in older adults: the AGES-Reykjavik Study. Age and Ageing, 2017, 46, 250-257.	1.6	41
49	Lack of associations between modifiable risk factors and dementia in the very old: findings from the Cambridge City over-75s cohort study. Aging and Mental Health, 2018, 22, 1272-1278.	2.8	38
50	Mindfulness Training for People With Dementia and Their Caregivers: Rationale, Current Research, and Future Directions. Frontiers in Psychology, 2018, 9, 982.	2.1	38
51	Consumption of alcoholic beverages and cognitive decline at middle age: the Doetinchem Cohort Study. British Journal of Nutrition, 2014, 111, 715-723.	2.3	37
52	Gender and Educational Differences in the Association between Lifestyle and Cognitive Decline over 10 Years: The Doetinchem Cohort Study. Journal of Alzheimer's Disease, 2019, 70, S31-S41.	2.6	36
53	Longâ€term dementia risk prediction by the LIBRA score: A 30â€year followâ€up of the CAIDE study. International Journal of Geriatric Psychiatry, 2020, 35, 195-203.	2.7	36
54	A mismatch between supply and demand of social support in dementia care: a qualitative study on the perspectives of spousal caregivers and their social network members. International Psychogeriatrics, 2018, 30, 881-892.	1.0	35

#	Article	IF	Citations
55	The Shortened Raven Standard Progressive Matrices. Assessment, 2013, 20, 48-59.	3.1	34
56	Effectiveness of an online social support intervention for caregivers of people with dementia: the study protocol of a randomised controlled trial. Trials, 2017, 18, 395.	1.6	34
57	Decreased gray matter diffusivity: A potential early Alzheimer's disease biomarker?. Alzheimer's and Dementia, 2013, 9, 93-97.	0.8	32
58	Increasing knowledge on dementia risk reduction in the general population: Results of a public awareness campaign. Preventive Medicine, 2021, 147, 106522.	3.4	32
59	Reducing dementia risk by targeting modifiable risk factors in mid-life: study protocol for the Innovative Midlife Intervention for Dementia Deterrence (In-MINDD) randomised controlled feasibility trial. Pilot and Feasibility Studies, 2015, 1, 40.	1.2	30
60	Mild hearing impairment and psychotic experiences in a normal aging population. Schizophrenia Research, 2007, 94, 180-186.	2.0	29
61	Greater Blood Pressure Variability Is Associated With Lower Cognitive Performance. Hypertension, 2019, 73, 803-811.	2.7	29
62	Process evaluation of a social support platform â€˜Inlifeâ€™ for caregivers of people with dementia. Internet Interventions, 2019, 15, 18-27.	2.7	29
63	Evidence that the impact of hearing impairment on psychosis risk is moderated by the level of complexity of the social environment. Schizophrenia Research, 2010, 122, 193-198.	2.0	25
64	Fish consumption, intake of fats and cognitive decline at middle and older age: the Doetinchem Cohort Study. European Journal of Nutrition, 2018, 57, 1667-1675.	3.9	25
65	Mindfulness-based stress reduction in middle-aged and older adults with memory complaints: a mixed-methods study. Aging and Mental Health, 2018, 22, 1113-1120.	2.8	25
66	Raising awareness for dementia risk reduction through a public health campaign: a pre-post study. BMJ Open, 2020, 10, e041211.	1.9	25
67	Retirement and cognitive development in the Netherlands: Are the retired really inactive?. Economics and Human Biology, 2015, 19, 157-169.	1.7	23
68	Cerebral Pathology and Cognition in Diabetes: The Merits of Multiparametric Neuroimaging. Frontiers in Neuroscience, 2017, 11, 188.	2.8	23
69	Interplay of White Matter Hyperintensities, Cerebral Networks, and Cognitive Function in an Adult Population: Diffusion-Tensor Imaging in the Maastricht Study. Radiology, 2021, 298, 384-392.	7.3	23
70	â€œKeep your brain fit!â€•Effectiveness of a psychoeducational intervention on cognitive functioning in healthy adults: A randomised controlled trial. Neuropsychological Rehabilitation, 2017, 27, 455-471.	1.6	22
71	Does parity matter in womenâ€™s risk of dementia? A COSMIC collaboration cohort study. BMC Medicine, 2020, 18, 210.	5.5	21
72	Adulthood Socioeconomic Position and Type 2 Diabetes Mellitusâ€”A Comparison of Education, Occupation, Income, and Material Deprivation: The Maastricht Study. International Journal of Environmental Research and Public Health, 2019, 16, 1435.	2.6	20

#	Article	IF	Citations
73	The use of standard calendar software by individuals with acquired brain injury and cognitive complaints: a mixed methods study. Disability and Rehabilitation: Assistive Technology, 2012, 7, 389-398.	2.2	18
74	Both Low and High 24-Hour Diastolic Blood Pressure Are Associated With Worse Cognitive Performance in Type 2 Diabetes: The Maastricht Study. Diabetes Care, 2015, 38, 1473-1480.	8.6	18
75	Insulin resistance and cognitive performance in type 2 diabetes â€" The Maastricht study. Journal of Diabetes and Its Complications, 2017, 31, 824-830.	2.3	17
76	Associations of the Lifestyle for Brain Health Index With Structural Brain Changes and Cognition. Neurology, 2021, 97, e1300-e1312.	1.1	17
77	On the association between lateral preferences and pregnancy/birth stress events in a nonclinical sample of school-aged children. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 1-8.	1.3	16
78	Association of Type 2 Diabetes, According to the Number of Risk Factors Within Target Range, With Structural Brain Abnormalities, Cognitive Performance, and Risk of Dementia. Diabetes Care, 2021, 44, 2493-2502.	8.6	16
79	Is left-handedness associated with a more pronounced age-related cognitive decline?. Laterality, 2008, 13, 234-254.	1.0	15
80	Level of processing and reaction time in young and middle-aged adults and the effect of education. European Journal of Cognitive Psychology, 2009, 21, 216-234.	1.3	15
81	Mindfulness-Based Intervention for People With Dementia and Their Partners: Results of a Mixed-Methods Study. Frontiers in Aging Neuroscience, 2019, 11, 92.	3.4	15
82	Cross-Sectional Associations Between Cardiac Biomarkers, Cognitive Performance, and Structural Brain Changes Are Modified by Age. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1948-1958.	2.4	13
83	Associations between plasma kynurenines and cognitive function in individuals with normal glucose metabolism, prediabetes and type 2 diabetes: the Maastricht Study. Diabetologia, 2021, 64, 2445-2457.	6.3	13
84	Mapping longitudinal studies to risk factors in an ontology for dementia. Health Informatics Journal, 2016, 22, 414-426.	2.1	12
85	Cognitive Interventions in Older Persons: Do They Change the Functioning of the Brain?. BioMed Research International, 2015, 2015, 1-14.	1.9	9
86	Lower verbal intelligence is associated with diabetic complications and slower walking speed in people with Type 2 diabetes: the Maastricht Study. Diabetic Medicine, 2016, 33, 1632-1639.	2.3	9
87	Positive affect and cognitive decline: a 12â€year followâ€up of the Maastricht Aging Study. International Journal of Geriatric Psychiatry, 2017, 32, 1305-1311.	2.7	9
88	Permeability of the windows of the brain: feasibility of dynamic contrast-enhanced MRI of the circumventricular organs. Fluids and Barriers of the CNS, 2020, 17, 66.	5.0	9
89	Adherence to dietary guidelines and cognitive decline from middle age: the Doetinchem Cohort Study. American Journal of Clinical Nutrition, 2021, 114, 871-881.	4.7	9
90	Classification models for identification of at-risk groups for incident memory complaints. International Psychogeriatrics, 2014, 26, 257-271.	1.0	8

#	Article	IF	Citations
91	Application of contrast-enhanced magnetic resonance imaging in the assessment of blood-cerebrospinal fluid barrier integrity. Neuroscience and Biobehavioral Reviews, 2021, 127, 171-183.	6.1	8
92	The SF-36 as a precursory measure of adaptive functioning in normal aging: the Maastricht Aging Study. Aging Clinical and Experimental Research, 2010, 22, 433-439.	2.9	5
93	A Configurable Deep Network for high-dimensional clinical trial data. , 2015, , .		5
94	Mindfulness-based interventions for people with dementia and their caregivers: keeping a dyadic balance. Aging and Mental Health, 2020, 24, 697-699.	2.8	5
95	The benefit of deep processing and high educational level for verbal learning in young and middle-aged adults. Aging Clinical and Experimental Research, 2007, 19, 372-380.	2.9	4
96	Patterns of Gray and White Matter Changes in Individuals at Risk for Alzheimerâ€™s Disease. Current Alzheimer Research, 2012, 9, 1097-1105.	1.4	4
97	Keep Your Brain Fit! A Psychoeducational Training Program for Healthy Cognitive Aging: A Feasibility Study. Educational Gerontology, 2015, 41, 613-620.	1.3	4
98	On the mediating effects of pregnancy and birth stress events on the relation between lateral preferences and cognitive functioning in healthy school-aged children. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 548-558.	1.3	3
99	Cognitive performance in relation to metabolic disturbances in patients with COPD. Clinical Nutrition, 2021, 40, 2061-2067.	5.0	3
100	Health burden in type 2 diabetes and prediabetes in The Maastricht Study. Scientific Reports, 2022, 12, 7337.	3.3	2
101	Cognitive Reserve Capacity: Exploring and Validating a Theoretical Model in Healthy Ageing. Journal of the International Neuropsychological Society, 2019, 25, 603-617.	1.8	1
102	Risk of upper limb complaints due to computer use in older persons: a randomized study. BMC Geriatrics, 2007, 7, 21.	2.7	0
103	Worry Modifies the Relationship between Locus Coeruleus Activity and Emotional Mnemonic Discrimination. Brain Sciences, 2022, 12, 381.	2.3	0