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	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
2	Worry Modifies the Relationship between Locus Coeruleus Activity and Emotional Mnemonic Discrimination. Brain Sciences, 2022, 12, 381.	2.3	0
3	Health burden in type 2 diabetes and prediabetes in The Maastricht Study. Scientific Reports, 2022, 12, 7337.	3.3	2
4	Cognitive performance in relation to metabolic disturbances in patients with COPD. Clinical Nutrition, 2021, 40, 2061-2067.	5.0	3
5	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
6	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
7	Increasing knowledge on dementia risk reduction in the general population: Results of a public awareness campaign. Preventive Medicine, 2021, 147, 106522.	3.4	32
8	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
9	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
10	Associations of the Lifestyle for Brain Health Index With Structural Brain Changes and Cognition. Neurology, 2021, 97, e1300-e1312.	1.1	17
11	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
12	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
13	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
14	Imaging the role of bloodâ€“brain barrier disruption in normal cognitive ageing. GeroScience, 2020, 42, 1751-1764.	4.6	42
15	Increase in bloodâ€“brain barrier leakage in healthy, older adults. GeroScience, 2020, 42, 1183-1193.	4.6	96
16	Does parity matter in womenâ€™s risk of dementia? A COSMIC collaboration cohort study. BMC Medicine, 2020, 18, 210.	5.5	21
17	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
18	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

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19	Raising awareness for dementia risk reduction through a public health campaign: a pre-post study. BMJ Open, 2020, 10, e041211.	1.9	25
20	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
21	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
22	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
23	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
24	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
25	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
26	Greater Blood Pressure Variability Is Associated With Lower Cognitive Performance. Hypertension, 2019, 73, 803-811.	2.7	29
27	Process evaluation of a social support platform â€˜Inlifeâ€™ for caregivers of people with dementia. Internet Interventions, 2019, 15, 18-27.	2.7	29
28	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
29	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
30	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
31	Lifestyle for Brain Health (LIBRA): a new model for dementia prevention. International Journal of Geriatric Psychiatry, 2018, 33, 167-175.	2.7	82
32	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
33	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
34	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
35	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
36	Mindfulness Training for People With Dementia and Their Caregivers: Rationale, Current Research, and Future Directions. Frontiers in Psychology, 2018, 9, 982.	2.1	38

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37	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
38	Estimated GFR, Albuminuria, and Cognitive Performance: TheÂMaastricht Study. American Journal of Kidney Diseases, 2017, 69, 179-191.	1.9	57
39	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
40	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
41	Dementia risk in renal dysfunction. Neurology, 2017, 88, 198-208.	1.1	103
42	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
43	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
44	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
45	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
46	Cerebral Pathology and Cognition in Diabetes: The Merits of Multiparametric Neuroimaging. Frontiers in Neuroscience, 2017, 11, 188.	2.8	23
47	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
48	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
49	Coronary heart disease and risk for cognitive impairment or dementia: Systematic review and meta-analysis. PLoS ONE, 2017, 12, e0184244.	2.5	173
50	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
51	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
52	Mapping longitudinal studies to risk factors in an ontology for dementia. Health Informatics Journal, 2016, 22, 414-426.	2.1	12
53	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
54	A Configurable Deep Network for high-dimensional clinical trial data. , 2015, , .		5

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55	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
56	Cognitive Interventions in Older Persons: Do They Change the Functioning of the Brain?. BioMed Research International, 2015, 2015, 1-14.	1.9	9
57	Retirement and cognitive development in the Netherlands: Are the retired really inactive?. Economics and Human Biology, 2015, 19, 157-169.	1.7	23
58	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
59	Diet and cognitive decline at middle age: the role of antioxidants. British Journal of Nutrition, 2015, 113, 1410-1417.	2.3	53
60	Keep Your Brain Fit! A Psychoeducational Training Program for Healthy Cognitive Aging: A Feasibility Study. Educational Gerontology, 2015, 41, 613-620.	1.3	4
61	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
62	Visuospatial processing in early Alzheimerâ€™s disease: AÂmultimodal neuroimaging study. Cortex, 2015, 64, 394-406.	2.4	42
63	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
64	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
65	Classification models for identification of at-risk groups for incident memory complaints. International Psychogeriatrics, 2014, 26, 257-271.	1.0	8
66	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
67	Decreased gray matter diffusivity: A potential early Alzheimer's disease biomarker?. Alzheimer's and Dementia, 2013, 9, 93-97.	0.8	32
68	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
69	Effects of Type 2 Diabetes on 12-Year Cognitive Change. Diabetes Care, 2013, 36, 1554-1561.	8.6	127
70	The Shortened Raven Standard Progressive Matrices. Assessment, 2013, 20, 48-59.	3.1	34
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	Atrophy of the parietal lobe in preclinical dementia. Brain and Cognition, 2011, 75, 154-163.	1.8	48
79	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
80	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
81	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
82	Efficacy and usability of assistive technology for patients with cognitive deficits: a systematic review. Clinical Rehabilitation, 2010, 24, 701-714.	2.2	152
83	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
84	Factor Structure and Measurement Invariance of the Cognitive Failures Questionnaire Across the Adult Life Span. Assessment, 2009, 16, 145-158.	3.1	93
85	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
86	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
87	Is left-handedness associated with a more pronounced age-related cognitive decline?. Laterality, 2008, 13, 234-254.	1.0	15
88	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
89	Job-worker mismatch and cognitive decline. Oxford Economic Papers, 2007, 60, 237-253.	1.2	86
90	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

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91	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
92	Mild hearing impairment and psychotic experiences in a normal aging population. Schizophrenia Research, 2007, 94, 180-186.	2.0	29
93	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
94	Risk of upper limb complaints due to computer use in older persons: a randomized study. BMC Geriatrics, 2007, 7, 21.	2.7	0
95	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
96	The Concept Shifting Test: Adult normative data.. Psychological Assessment, 2006, 18, 424-432.	1.5	157
97	The Stroop Color-Word Test. Assessment, 2006, 13, 62-79.	3.1	515
98	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
99	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
100	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
101	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
102	Mental Work Demands Protect Against Cognitive Impairment: MAAS Prospective Cohort Study. Experimental Aging Research, 2003, 29, 33-45.	1.2	126
103	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