

# Majon M Muller

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

5,645  
citations

87888

38  
h-index

82547

72  
g-index

120  
all docs

120  
docs citations

120  
times ranked

8755  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular dysfunctionâ€”The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.8	454
2	Endogenous Sex Hormones and Metabolic Syndrome in Aging Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2618-2623.	3.6	419
3	Blood-Brain Barrier Leakage in Patients with Early Alzheimer Disease. <i>Radiology</i> , 2016, 281, 527-535.	7.3	411
4	Endogenous sex hormones in men aged 40-80 years. <i>European Journal of Endocrinology</i> , 2003, 149, 583-589.	3.7	302
5	Endogenous Sex Hormones and Progression of Carotid Atherosclerosis in Elderly Men. <i>Circulation</i> , 2004, 109, 2074-2079.	1.6	285
6	Gut Microbiota in Hypertension and Atherosclerosis: A Review. <i>Nutrients</i> , 2020, 12, 2982.	4.1	183
7	Hypertension and longitudinal changes in cerebral blood flow: The SMARTâ€”MR study. <i>Annals of Neurology</i> , 2012, 71, 825-833.	5.3	147
8	Neurovascular unit impairment in early Alzheimer's disease measured with magnetic resonance imaging. <i>Neurobiology of Aging</i> , 2016, 45, 190-196.	3.1	146
9	Metabolic Syndrome and Dementia Risk in a Multiethnic Elderly Cohort. <i>Dementia and Geriatric Cognitive Disorders</i> , 2007, 24, 185-192.	1.5	141
10	Cardiac disease and cognitive impairment: a systematic review. <i>Heart</i> , 2012, 98, 1334-1340.	2.9	138
11	Prevalence and determinants for malnutrition in geriatric outpatients. <i>Clinical Nutrition</i> , 2013, 32, 1007-1011.	5.0	136
12	Associations between gut microbiota, faecal short-chain fatty acids, and blood pressure across ethnic groups: the HELIUS study. <i>European Heart Journal</i> , 2020, 41, 4259-4267.	2.2	124
13	Endogenous Sex Hormones and Cardiovascular Disease in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 5076-5086.	3.6	116
14	Calculation of Bioavailable and Free Testosterone in Men: A Comparison of 5 Published Algorithms. <i>Clinical Chemistry</i> , 2006, 52, 1777-1784.	3.2	116
15	Treatment of Hypertension in the Oldest Old. <i>Hypertension</i> , 2014, 63, 433-441.	2.7	105
16	APOE Î¼4 differentially influences change in memory performance depending on age. The SMART-MR study. <i>Neurobiology of Aging</i> , 2012, 33, 832.e15-832.e22.	3.1	82
17	Multifactorial Intervention to Reduce Falls in Older People at High Risk of Recurrent Falls. <i>Archives of Internal Medicine</i> , 2010, 170, 1110-7.	3.8	80
18	Joint effect of mid- and late-life blood pressure on the brain. <i>Neurology</i> , 2014, 82, 2187-2195.	1.1	80

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19	Associations of Sex-Hormone-Binding Globulin (SHBG) with Non-SHBG-Bound Levels of Testosterone and Estradiol in Independently Living Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 157-162.	3.6	75
20	Subtle blood-brain barrier leakage rate and spatial extent: Considerations for dynamic contrast-enhanced MRI. <i>Medical Physics</i> , 2017, 44, 4112-4125.	3.0	75
21	Prevalence of cortical superficial siderosis in a memory clinic population. <i>Neurology</i> , 2014, 82, 698-704.	1.1	71
22	MRI Visual Ratings of Brain Atrophy and White Matter Hyperintensities across the Spectrum of Cognitive Decline Are Differently Affected by Age and Diagnosis. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 117.	3.4	71
23	Carotid atherosclerosis and progression of brain atrophy: The SMART-MR Study. <i>Annals of Neurology</i> , 2011, 70, 237-244.	5.3	67
24	Longitudinal Relationship Between Cerebral Small-Vessel Disease and Cerebral Blood Flow. <i>Stroke</i> , 2015, 46, 1233-1238.	2.0	67
25	Brain atrophy and cognition: Interaction with cerebrovascular pathology?. <i>Neurobiology of Aging</i> , 2011, 32, 885-893.	3.1	66
26	Specific risk factors for microbleeds and white matter hyperintensities in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 2488-2494.	3.1	66
27	Blood pressure, cerebral blood flow, and brain volumes. The SMART-MR study. <i>Journal of Hypertension</i> , 2010, 28, 1498-1505.	0.5	64
28	The association of angiotensin-converting enzyme with biomarkers for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 27.	6.2	63
29	Frailty in Older Adults with Cardiovascular Disease: Cause, Effect or Both?. , 2018, 9, 489.		63
30	Comparative analysis of the association between 35 frailty scores and cardiovascular events, cancer, and total mortality in an elderly general population in England: An observational study. <i>PLoS Medicine</i> , 2018, 15, e1002543.	8.4	62
31	Blood pressure and 10-year mortality risk in the Milan Geriatrics 75+ Cohort Study: role of functional and cognitive status. <i>Age and Ageing</i> , 2015, 44, 932-937.	1.6	59
32	Gut Microbiota Composition Is Related to AD Pathology. <i>Frontiers in Immunology</i> , 2021, 12, 794519.	4.8	57
33	Alcohol consumption and arterial stiffness in men. <i>Journal of Hypertension</i> , 2004, 22, 357-362.	0.5	56
34	Effects of Dehydroepiandrosterone and Atamestane Supplementation on Frailty in Elderly Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3988-3991.	3.6	54
35	The elimination half-life of benzodiazepines and fall risk: two prospective observational studies. <i>Age and Ageing</i> , 2013, 42, 764-770.	1.6	53
36	Metabolic Syndrome, Prediabetes, and Brain Abnormalities on MRI in Patients With Manifest Arterial Disease: The SMART-MR Study. <i>Diabetes Care</i> , 2014, 37, 2515-2521.	8.6	50

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37	Sex hormone binding globulin and incident Alzheimer's disease in elderly men and women. <i>Neurobiology of Aging</i> , 2010, 31, 1758-1765.	3.1	45
38	Birth Size and Brain Function 75 Years Later. <i>Pediatrics</i> , 2014, 134, 761-770.	2.1	45
39	Serum levels of sex hormone-binding globulin (SHBG) are not associated with lower levels of non-SHBG-bound testosterone in male newborns and healthy adult men.. <i>Clinical Endocrinology</i> , 2005, 62, 498-503.	2.4	42
40	Blood Pressure and Progression of Brain Atrophy. <i>JAMA Neurology</i> , 2013, 70, 1046.	9.0	42
41	Vascular risk factors and cognitive function in a sample of independently living men. <i>Neurobiology of Aging</i> , 2005, 26, 485-490.	3.1	40
42	Sex hormones and male health: effects on components of the frailty syndrome. <i>Trends in Endocrinology and Metabolism</i> , 2003, 14, 289-296.	7.1	37
43	Arterial stiffness and progression of structural brain changes. <i>Neurology</i> , 2015, 84, 448-455.	1.1	36
44	Association of endogenous sex hormone with C-reactive protein levels in middle-aged and elderly men. <i>Clinical Endocrinology</i> , 2007, 66, 394-398.	2.4	34
45	Vascular brain lesions, brain atrophy, and cognitive decline. The Second Manifestations of ARterial disease-Magnetic Resonance (SMART-MR) study. <i>Neurobiology of Aging</i> , 2014, 35, 35-41.	3.1	32
46	Malnutrition and Risk of Structural Brain Changes Seen on Magnetic Resonance Imaging in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 2457-2463.	2.6	31
47	Joint Effect of Hypertension and APOE Genotype on CSF Biomarkers for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 1083-1090.	2.6	30
48	Metabolic Syndrome and Cognition in Patients with Manifest Atherosclerotic Disease: The SMART Study. <i>Neuroepidemiology</i> , 2010, 34, 83-89.	2.3	29
49	Blood Pressure Associates with Standing Balance in Elderly Outpatients. <i>PLoS ONE</i> , 2014, 9, e106808.	2.5	29
50	White Matter Hyperintensities and Hippocampal Atrophy in Relation to Cognition: The 90+ Study. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1827-1834.	2.6	28
51	Hypertensive Target Organ Damage and Longitudinal Changes in Brain Structure and Function. <i>Hypertension</i> , 2015, 66, 1152-1158.	2.7	27
52	Resilience to cognitive impairment in the oldest-old: design of the EMIF-AD 90+ study. <i>BMC Geriatrics</i> , 2018, 18, 289.	2.7	25
53	Contribution of Gut Microbiota to Immunological Changes in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2021, 12, 683068.	4.8	25
54	Hemoglobin, hematocrit, and changes in cerebral blood flow: the Second Manifestations of ARterial disease-Magnetic Resonance study. <i>Neurobiology of Aging</i> , 2015, 36, 1417-1423.	3.1	24

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55	Sex hormones and cognitive decline in elderly men. <i>Psychoneuroendocrinology</i> , 2009, 34, 27-31.	2.7	23
56	The relation between apolipoprotein E (APOE) genotype and peripheral artery disease in patients at high risk for cardiovascular disease. <i>Atherosclerosis</i> , 2016, 246, 187-192.	0.8	22
57	Non-invasively measured structural and functional arterial characteristics and coronary heart disease risk in middle aged and elderly men. <i>Atherosclerosis</i> , 2006, 187, 110-115.	0.8	20
58	High-sensitivity cardiac troponin T is associated with cognitive decline in older adults at high cardiovascular risk. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1383-1392.	1.8	20
59	Longitudinal changes in brain volumes and cerebrovascular lesions on MRI in patients with manifest arterial disease: The SMART-MR study. <i>Journal of the Neurological Sciences</i> , 2014, 337, 112-118.	0.6	18
60	Angiotensin-Converting Enzyme in Cerebrospinal Fluid and Risk of Brain Atrophy. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 153-162.	2.6	18
61	Orthostatic Hypotension: An Important Risk Factor for Clinical Progression to Mild Cognitive Impairment or Dementia. The Amsterdam Dementia Cohort. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 317-325.	2.6	18
62	Brain volumes and risk of cardiovascular events and mortality. The SMART-MR study. <i>Neurobiology of Aging</i> , 2014, 35, 1624-1631.	3.1	17
63	Subclinical Cardiac Dysfunction and Brain Health in Midlife: CARDIA (Coronary Artery Risk) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Heart Association, 2017, 6, .	3.7	16
64	Serum sex hormone and plasma homocysteine levels in middle-aged and elderly men. <i>European Journal of Endocrinology</i> , 2006, 155, 887-893.	3.7	15
65	Blood Pressure Lowering Medication, Visit-to-Visit Blood Pressure Variability, and Cognitive Function in Old Age. <i>American Journal of Hypertension</i> , 2016, 29, 311-318.	2.0	15
66	A narrative review of frailty assessment in older patients at the emergency department. <i>European Journal of Emergency Medicine</i> , 2021, 28, 266-276.	1.1	15
67	Angiotensin-Converting Enzyme and Progression of White Matter Lesions and Brain Atrophy â€“ The SMART-MR Study. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 39-49.	2.6	14
68	What Determines Cognitive Functioning in the Oldest-Old? The EMIF-AD 90+ Study. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021, 76, 1499-1511.	3.9	14
69	The relevance of a multidomain geriatric assessment in older patients with heart failure. <i>ESC Heart Failure</i> , 2020, 7, 1264-1272.	3.1	14
70	Impact of the FindMyApps program on people with mild cognitive impairment or dementia and their caregivers; an exploratory pilot randomised controlled trial. <i>Disability and Rehabilitation: Assistive Technology</i> , 2023, 18, 253-265.	2.2	12
71	The Accuracy of Four Frequently Used Frailty Instruments for the Prediction of Adverse Health Outcomes Among Older Adults at Two Dutch Emergency Departments: Findings of the AmsterGEM Study. <i>Annals of Emergency Medicine</i> , 2021, 78, 538-548.	0.6	12
72	Mortality Risk and Its Association with Geriatric Domain Deficits in Older Outpatients: The Amsterdam Ageing Cohort. <i>Gerontology</i> , 2021, 67, 194-201.	2.8	11

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73	Telomere shortening: a diagnostic tool and therapeutic target for cardiovascular disease?. <i>European Heart Journal</i> , 2014, 35, 3245-3247.	2.2	10
74	Treatment of hypercholesterolaemia in older adults calls for a patient-centred approach. <i>Heart</i> , 2020, 106, 261-266.	2.9	10
75	The clinical and educational outcomes of an inter-professional student-led medication review team, a pilot study. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 117-123.	1.9	10
76	Serum angiotensin-converting enzyme and recurrent vascular events. The SMART-MR study. <i>Atherosclerosis</i> , 2012, 224, 486-491.	0.8	9
77	Late-life brain volume: a life-course approach. The AGES-Reykjavik study. <i>Neurobiology of Aging</i> , 2016, 41, 86-92.	3.1	9
78	Association of early left ventricular dysfunction with advanced magnetic resonance white matter and gray matter brain measures: The <sc>CARDIA</sc> study. <i>Echocardiography</i> , 2017, 34, 1617-1622.	0.9	9
79	Nutritional status and structural brain changes in Alzheimer's disease: The NUDAD project. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12063.	2.4	9
80	Persistence of the effect of birth size on dysglycaemia and type 2 diabetes in old age: AGES-Reykjavik Study. <i>Age</i> , 2013, 35, 1401-1409.	3.0	8
81	Do Cardiovascular Risk Factors and Cardiovascular Disease Explain Sex Differences in Cognitive Functioning in Old Age?. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1643-1655.	2.6	8
82	Managing older patients with heart failure calls for a holistic approach. <i>ESC Heart Failure</i> , 2021, 8, 2111-2119.	3.1	8
83	An Interprofessional Studentâ€™Run Medication Review Program: The Clinical STOPP/STARTâ€™Based Outcomes of a Controlled Clinical Trial in a Geriatric Outpatient Clinic. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 931-938.	4.7	7
84	Sex-Specific Associations of Diabetes With Brain Structure and Function in a Geriatric Population. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	7
85	The value of ambulatory blood pressure measurement to detect masked diastolic hypotension in older patients treated for hypertension. <i>Age and Ageing</i> , 2021, 50, 1229-1235.	1.6	6
86	Assessing the Views of Professionals, Patients, and Care Partners Concerning the Use of Computer Tools in Memory Clinics: International Survey Study. <i>JMIR Formative Research</i> , 2021, 5, e31053.	1.4	6
87	Slowing: A Vascular Geriatric Syndrome?. <i>Journal of the American Medical Directors Association</i> , 2022, 23, 47-53.e2.	2.5	5
88	An inter-professional student-run medication review programme. Reducing adverse drug reactions in a memory outpatient clinic: a controlled clinical trial. <i>Expert Opinion on Drug Safety</i> , 2022, 21, 1511-1520.	2.4	5
89	Prescribing errors in post - COVID-19 patients: prevalence, severity, and risk factors in patients visiting a post - COVID-19 outpatient clinic. <i>BMC Emergency Medicine</i> , 2022, 22, 35.	1.9	4
90	CIRCULATING SEX HORMONE LEVELS AND AORTIC STIFFNESS IN MEN. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 621-622.	2.6	2

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91	Letter by Kleipool et al Regarding Article, "Primary Prevention With Statin Therapy in the Elderly: New Meta-Analyses From the Contemporary JUPITER and HOPE-3 Randomized Trials" Circulation, 2017, 136, 1456-1457.	1.6	2
92	Association of diastolic blood pressure with cardiovascular events in older people varies upon cardiovascular history. Journal of Hypertension, 2018, 36, 773-778.	0.5	2
93	O5-03-01: BIRTH WEIGHT, MID-LIFE HYPERTENSION, AND LATE-LIFE BRAIN TISSUE LOSS: A LIFE-COURSE APPROACH. , 2014, 10, P294-P294.		1
94	Blood pressure lowering for cardiovascular disease. Lancet, The, 2016, 388, 125-126.	13.7	1
95	The (non)sense of diagnostic computer tools in memory clinics: An international survey assessing the views of clinicians, patients and caregivers. Alzheimer's and Dementia, 2021, 17, .	0.8	1
96	Associations between gut microbiota composition and AD biomarkers. Alzheimer's and Dementia, 2021, 17, .	0.8	1
97	Endogenous estradiol and dementia in elderly men: the roles of vascular risk, sex hormone binding globulin, and aromatase activity. , 2009, , 228-241.		0
98	O1-03-01: The combined effect of midlife hypertension status and late-life blood pressure on brain volumes: The AGES-Reykjavik Study. , 2012, 8, P88-P88.		0
99	P4-021: ASSOCIATION OF BLOOD PRESSURE LOWERING MEDICATION WITH VISIT-TO-VISIT BLOOD PRESSURE VARIABILITY AND COGNITIVE FUNCTION IN OLD AGE. , 2014, 10, P790-P791.		0
100	P3-216: IS THE RELATION BETWEEN BLOOD PRESSURE AND COGNITION DEPENDENT ON AMYLOID PATHOLOGY OR PHYSICAL PERFORMANCE? RESULTS OF THE EMIF-AD 90+ STUDY. Alzheimer's and Dementia, 2018, 14, P1153.	0.8	0
101	Letter by Kleipool et al Regarding Article, "Hypertension Management in Older and Frail Older Patients" Circulation Research, 2019, 125, e1-e2.	4.5	0
102	Use of lipid lowering drugs in cognitively impaired patients. Alzheimer's and Dementia, 2020, 16, e043472.	0.8	0
103	Comment on: The association between neurohormonal therapy and mortality in older adults with heart failure with reduced ejection fraction. Journal of the American Geriatrics Society, 2022, 70, 305-305.	2.6	0
104	Slowing as a multidomain and vascular geriatric syndrome: Apathy symptoms, gait speed and information processing speed in a geriatric memory clinic population. Alzheimer's and Dementia, 2021, 17, .	0.8	0
105	Lower nutritional indicators associated with higher mortality in patients with MCI and dementia—the Amsterdam Ageing Cohort study. Alzheimer's and Dementia, 2021, 17, .	0.8	0