

# Timothy M Hughes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3793738/publications.pdf>

Version: 2024-02-01

75  
papers

2,636  
citations

516215

16  
h-index

205818

48  
g-index

82  
all docs

82  
docs citations

82  
times ranked

4613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Artery Stiffness in Health and Disease. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1237-1263.	1.2	512
2	Vascular dysfunction—The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.4	454
3	Diabetic Microvascular Disease: An Endocrine Society Scientific Statement. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4343-4410.	1.8	323
4	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 107-117.	1.8	250
5	Arterial Stiffness and $\beta$ -Amyloid Progression in Nondemented Elderly Adults. <i>JAMA Neurology</i> , 2014, 71, 562.	4.5	152
6	Arterial stiffness and dementia pathology. <i>Neurology</i> , 2018, 90, e1248-e1256.	1.5	114
7	Vascular contributions to cognitive impairment and dementia (VCID): A report from the 2018 National Heart, Lung, and Blood Institute and National Institute of Neurological Disorders and Stroke Workshop. <i>Alzheimer's and Dementia</i> , 2020, 16, 1714-1733.	0.4	108
8	Hypertension and Its Role in Cognitive Function: Current Evidence and Challenges for the Future. <i>American Journal of Hypertension</i> , 2016, 29, 149-157.	1.0	101
9	Review of "the potential role of arterial stiffness in the pathogenesis of Alzheimer's disease". <i>Neurodegenerative Disease Management</i> , 2015, 5, 121-135.	1.2	75
10	The role of insulin in the vascular contributions to age-related dementia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 983-991.	1.8	54
11	Variation in Population Attributable Fraction of Dementia Associated With Potentially Modifiable Risk Factors by Race and Ethnicity in the US. <i>JAMA Network Open</i> , 2022, 5, e2219672.	2.8	49
12	Associations of Early Kidney Disease With Brain Magnetic Resonance Imaging and Cognitive Function in African Americans With Type 2 Diabetes Mellitus. <i>American Journal of Kidney Diseases</i> , 2017, 70, 627-637.	2.1	35
13	Association of Intracranial Atherosclerotic Disease With Brain $\beta$ -Amyloid Deposition. <i>JAMA Neurology</i> , 2020, 77, 350.	4.5	27
14	Expanded Demographic Norms for Version 3 of the Alzheimer Disease Centers™ Neuropsychological Test Battery in the Uniform Data Set. <i>Alzheimer Disease and Associated Disorders</i> , 2020, 34, 191-197.	0.6	26
15	Relationship Between Cerebrovascular Reactivity and Cognition Among People With Risk of Cognitive Decline. <i>Frontiers in Physiology</i> , 2021, 12, 645342.	1.3	24
16	Association of Brain Volumes and White Matter Injury With Race, Ethnicity, and Cardiovascular Risk Factors: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of the American Heart Association</i> , 2022, 11, e023159.	1.6	21
17	The Association of Mid- and Late-Life Systemic Inflammation with Brain Amyloid Deposition: The ARIC-PET Study. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1041-1052.	1.2	20
18	Apolipoproteins and Alzheimer's pathophysiology. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 545-553.	1.2	19

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19	Associations among vascular risk factors, neuroimaging biomarkers, and cognition: Preliminary analyses from the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Alzheimer's and Dementia</i> , 2022, 18, 551-560.	0.4	19
20	Associations Between Neighborhood Park Access and Longitudinal Change in Cognition in Older Adults: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 221-233.	1.2	15
21	Relation of Atrial Fibrillation to Cognitive Decline (from the REasons for Geographic and Racial Differences in Stroke (REGARDS) Study). <i>Stroke</i> , 2021, 52, 1414-1421.	0.7	15
22	Changes in metabolic risk factors over 10 years and their associations with late-life cognitive performance: The Multi-Ethnic Study of Atherosclerosis. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 8, 18-25.	1.2	14
23	Relationships between cerebral structure and cognitive function in African Americans with type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 916-921.	1.2	13
24	Longitudinal Associations between the Neighborhood Built Environment and Cognition in US Older Adults: The Multi-Ethnic Study of Atherosclerosis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7973.	1.2	13
25	Associations between carotid-femoral and heart-femoral pulse wave velocity in older adults: the Atherosclerosis Risk In Communities study. <i>Journal of Hypertension</i> , 2020, 38, 1786-1793.	0.3	12
26	Imaging-based indices of Neuropathology and gait speed decline in older adults: the atherosclerosis risk in communities study. <i>Brain Imaging and Behavior</i> , 2021, 15, 2387-2396.	1.1	12
27	Associations of lower-limb atherosclerosis and arteriosclerosis with cardiovascular risk factors and disease in older adults: The Atherosclerosis Risk in Communities (ARIC) study. <i>Atherosclerosis</i> , 2022, 340, 53-60.	0.4	12
28	Prediction of Cognitive Decline Using Heart Rate Fragmentation Analysis: The Multi-Ethnic Study of Atherosclerosis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 708130.	1.7	11
29	DASH diet adherence and cognitive function: Multi-ethnic study of atherosclerosis. <i>Clinical Nutrition ESPEN</i> , 2021, 46, 223-231.	0.5	11
30	Cerebral structure and cognitive performance in African Americans and European Americans with type 2 diabetes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 407-414.	1.7	10
31	The aortic-femoral arterial stiffness gradient: an atherosclerosis risk in communities (ARIC) study. <i>Journal of Hypertension</i> , 2021, 39, 1370-1377.	0.3	10
32	Acute interatrial block is a distinct risk factor for ischemic stroke. <i>Neurology</i> , 2016, 87, 344-345.	1.5	9
33	Automated synthesis of 1-[11C]acetoacetate on a TRASIS AIO module. <i>Applied Radiation and Isotopes</i> , 2017, 129, 57-61.	0.7	9
34	The association between midlife lipid levels and late-life brain amyloid deposition. <i>Neurobiology of Aging</i> , 2020, 92, 73-74.	1.5	9
35	Association of Vascular Risk Scores and Cognitive Performance in a Diverse Cohort: The Multi-Ethnic Study of Atherosclerosis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1208-1215.	1.7	8
36	Blood Pressure's Role in Alzheimer Disease Pathology. <i>American Journal of Geriatric Psychiatry</i> , 2018, 26, 23-24.	0.6	7

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37	Brain White Matter Structure and Amyloid Deposition in Black and White Older Adults: The ARICâ€PET Study. <i>Journal of the American Heart Association</i> , 2021, 10, e022087.	1.6	7
38	Education and Cardiovascular Health as Effect Modifiers of APOE Î¼4 on Dementia: The Atherosclerosis Risk in Communities Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1199-1207.	1.7	7
39	Loneliness and its predictors among older adults prior to and during the COVID-19 pandemic: cross-sectional and longitudinal survey findings from participants of the Atherosclerosis Risk in Communities (ARIC) Study cohort in the USA. <i>BMJ Open</i> , 2021, 11, e053542.	0.8	7
40	Arterial Changes Connecting Hypertension to Alzheimerâ€™s Disease and Related Dementias. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 186-188.	2.3	6
41	Association of Carotid Intima-Media Thickness with Brain MRI Markers in the Atherosclerosis Risk in Communities Neurocognitive Study (ARIC-NCS). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106388.	0.7	6
42	Ankleâ€brachial index and interâ€artery blood pressure differences as predictors of cognitive function in overweight and obese older adults with diabetes: results from the Action for Health in Diabetes movement and memory study. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 999-1007.	1.3	5
43	The prospective association between periodontal disease and brain imaging outcomes: The Atherosclerosis Risk in Communities study. <i>Journal of Clinical Periodontology</i> , 2022, 49, 322-334.	2.3	5
44	Subjective cognitive impairment differs by racial/ethnic groups and sociodemographic factors: The Multiâ€Ethnic Study of Atherosclerosis and Alzheimerâ€™s Disease (MESAâ€MIND). <i>Alzheimer's and Dementia</i> , 2020, 16, e040429.	0.4	4
45	Comparing dataâ€driven and hypothesisâ€driven MRIâ€based predictors of cognitive impairment in individuals from the Atherosclerosis Risk in Communities (ARIC) study. <i>Alzheimer's and Dementia</i> , 2022, 18, 561-571.	0.4	4
46	The aortic-femoral arterial stiffness gradient is blood pressure independent in older adults: the atherosclerosis risk in communities (ARIC) study. <i>Journal of Hypertension</i> , 2021, 39, 2361-2369.	0.3	4
47	A novel approach to isolate brainâ€cellâ€derived exosomes from plasma to better understand pathogenesis of Alzheimerâ€™s disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e044894.	0.4	2
48	Low untreated systolic blood pressure over 18 years is associated with survival free of dementia age 90+. <i>Alzheimer's and Dementia</i> , 2022, , .	0.4	2
49	P1â€013: Metabolic status and family history as determinants of Alzheimer's risk using diffusion tensor imaging. <i>Alzheimer's and Dementia</i> , 2015, 11, P341.	0.4	1
50	Treating arterial disease to prevent brain injury. <i>Neurology</i> , 2015, 84, 440-441.	1.5	1
51	P1â€271: Dualâ€Tracer Acetoacetate and Glucose Metabolism are Associated With Neuropathologic Amyloid Burden and Alzheimerâ€™s Biomarkers in The CSF. <i>Alzheimer's and Dementia</i> , 2016, 12, P519.	0.4	1
52	Relation of Progression of Coronary Artery Calcium to Dementia (from the Multi-Ethnic Study of) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 1	0.7	1
53	P3-091: PLASMA AMYLIN LEVELS ARE ASSOCIATED WITH BRAIN STRUCTURE AMONG INDIVIDUALS WITH TYPE-2 DIABETES. , 2014, 10, P661-P661.		0
54	IC-P-158: MARKERS OF INFLAMMATION AND VASCULAR DYSFUNCTION ARE DIFFERENTIALLY ASSOCIATED WITH HIPPOCAMPAL VOLUME BY COGNITIVE STATUS IN ADNI. , 2014, 10, P90-P90.		0

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55	IC-P-125: Arterial Stiffness and $\beta$ -Amyloid Deposition in The ARIC-PET Study. , 2016, 12, P93-P93.		0
56	P4-234: Changes in Metabolic Risk Factors Over 10 Years and Their Associations with Cognitive Performance: The Multi-Ethnic Study of Atherosclerosis (MESA). , 2016, 12, P1119-P1119.		0
57	O2-09-04: Changes in Retinal Signs and their Associations with Cognitive Performance: The Multi-Ethnic Study of Atherosclerosis (MESA). , 2016, 12, P248-P248.		0
58	[P4-161]: ARTERIAL STIFFNESS IS ASSOCIATED WITH LOWER CEREBRAL BLOOD PERFUSION IN OLDER ADULTS. Alzheimer's and Dementia, 2017, 13, P1321.	0.4	0
59	[P2-252]: ASSOCIATION OF HDL SUBSPECIES WITH OR WITHOUT APOLIPOPROTEIN E WITH ALZHEIMER'S DISEASE NEUROPATHOLOGY: THE GINKGO EVALUATION OF MEMORY STUDY. Alzheimer's and Dementia, 2017, 13, P709.	0.4	0
60	[P4-517]: APOE $\epsilon$ 4 ALLELE EFFECT ON WHITE AND GRAY MATTER PERFUSION IN COGNITIVELY NORMAL AND MCI GROUPS. Alzheimer's and Dementia, 2017, 13, P1541.	0.4	0
61	O3-1-05: ANTECEDENT VASCULAR RISK SCORES AND COGNITIVE FUNCTION AND DECLINE: THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS. Alzheimer's and Dementia, 2018, 14, P1048.	0.4	0
62	P3-579: ASSOCIATION OF APOLIPOPROTEINS AND APOLIPOPROTEIN SUBSPECIES WITH HIPPOCAMPAL AND WHITE MATTER LESION VOLUME. Alzheimer's and Dementia, 2018, 14, P1346.	0.4	0
63	P3-115: THE ASSOCIATIONS OF AGE-RELATED TRANSCRIPTIONAL NETWORKS WITH VASCULAR AND COGNITIVE FUNCTION: THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS. Alzheimer's and Dementia, 2018, 14, P1111.	0.4	0
64	NEUROPATHOLOGY AND GAIT SPEED DECLINE IN OLDER ADULTS: THE ATHEROSCLEROSIS RISK IN COMMUNITIES (ARIC) STUDY. Innovation in Aging, 2019, 3, S927-S928.	0.0	0
65	P4-575: ARTERIAL STIFFNESS IS ASSOCIATED WITH GREATER WHITE MATTER BLOOD FLOW AND WHITE MATTER HYPERINTENSITIES REGARDLESS OF COGNITIVE STATUS. Alzheimer's and Dementia, 2019, 15, P1540.	0.4	0
66	IC-P-013: VASCULAR RISK FACTORS AND MULTIMODAL NEUROIMAGING BIOMARKERS: PRELIMINARY ANALYSES FROM THE MULTIETHNIC STUDY OF ATHEROSCLEROSIS (MESA). Alzheimer's and Dementia, 2019, 15, P22.	0.4	0
67	Differentiating among stages of cognitive impairment: Comparisons of versions two and three of the National Alzheimer's Coordinating Center (NACC) Uniform Data Set (UDS) neuropsychological test battery. Alzheimer's and Dementia, 2020, 16, e040648.	0.4	0
68	Investigating associations of an MRI-based measure of Alzheimer's disease neuroanatomic risk with incident cognitive impairment and $\beta$ -amyloid burden across race and sex in the ARIC cohort. Alzheimer's and Dementia, 2020, 16, e040984.	0.4	0
69	Cognitive performance among participants with Alzheimer's disease and cerebral amyloid angiopathy. Alzheimer's and Dementia, 2020, 16, e043853.	0.4	0
70	Relationship between cerebrovascular reactivity and cognition among people with risk of cognitive decline. Alzheimer's and Dementia, 2020, 16, e044578.	0.4	0
71	Investigating neuroimaging differences by cognitive and metabolic status in a community-dwelling cohort. Alzheimer's and Dementia, 2020, 16, e045658.	0.4	0
72	Heart failure with preserved ejection fraction (HFpEF) is associated with cognitive impairment and reduced brain volume. Alzheimer's and Dementia, 2020, 16, e046641.	0.4	0

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73	Is Late-Onset Alzheimer Disease Spelled "ATV(N)". <i>Neurology</i> , 2021, 97, 155-156.	1.5	0
74	Regional Microstructural Integrity in Relation to Gait Speed: The Atherosclerosis Risk in Communities Study. <i>Innovation in Aging</i> , 2021, 5, 72-72.	0.0	0
75	Carotid Intima-Media Thickness and Amyloid- $\beta^2$ Deposition: The ARIC-PET Study. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-6.	1.2	0