

# Aron S Buchman

## List of Publications by Year in descending order

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Version: 2024-02-01

230  
papers

15,732  
citations

15504

65  
h-index

21540

114  
g-index

239  
all docs

239  
docs citations

239  
times ranked

19620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview and Findings from the Rush Memory and Aging Project. <i>Current Alzheimer Research</i> , 2012, 9, 646-663.	1.4	733
2	Religious Orders Study and Rush Memory and Aging Project. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S161-S189.	2.6	731
3	Sleep Fragmentation and the Risk of Incident Alzheimer's Disease and Cognitive Decline in Older Persons. <i>Sleep</i> , 2013, 36, 1027-1032.	1.1	545
4	At the interface of sensory and motor dysfunctions and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 70-98.	0.8	420
5	Physical Frailty Is Associated with Incident Mild Cognitive Impairment in Community-Based Older Persons. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 248-255.	2.6	391
6	Purpose in Life Is Associated With Mortality Among Community-Dwelling Older Persons. <i>Psychosomatic Medicine</i> , 2009, 71, 574-579.	2.0	371
7	The Rush Memory and Aging Project: Study Design and Baseline Characteristics of the Study Cohort. <i>Neuroepidemiology</i> , 2005, 25, 163-175.	2.3	352
8	Frailty is Associated With Incident Alzheimer's Disease and Cognitive Decline in the Elderly. <i>Psychosomatic Medicine</i> , 2007, 69, 483-489.	2.0	334
9	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
10	APOE $\epsilon$ 4 Increases Risk for Dementia in Pure Synucleinopathies. <i>JAMA Neurology</i> , 2013, 70, 223.	9.0	302
11	Association of Muscle Strength With the Risk of Alzheimer Disease and the Rate of Cognitive Decline in Community-Dwelling Older Persons. <i>Archives of Neurology</i> , 2009, 66, 1339-44.	4.5	295
12	GWAS of Longevity in CHARGE Consortium Confirms APOE and FOXO3 Candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 110-118.	3.6	250
13	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	12.8	245
14	Neural reserve, neuronal density in the locus ceruleus, and cognitive decline. <i>Neurology</i> , 2013, 80, 1202-1208.	1.1	222
15	Modification of the Relationship of the Apolipoprotein E $\epsilon$ 4 Allele to the Risk of Alzheimer Disease and Neurofibrillary Tangle Density by Sleep. <i>JAMA Neurology</i> , 2013, 70, 1544.	9.0	216
16	Relation of neuropathology to cognition in persons without cognitive impairment. <i>Annals of Neurology</i> , 2012, 72, 599-609.	5.3	211
17	Physical frailty in older persons is associated with Alzheimer disease pathology. <i>Neurology</i> , 2008, 71, 499-504.	1.1	206
18	Association Between Late-Life Social Activity and Motor Decline in Older Adults. <i>Archives of Internal Medicine</i> , 2009, 169, 1139.	3.8	204

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19	Kidney function is associated with the rate of cognitive decline in the elderly. <i>Neurology</i> , 2009, 73, 920-927.	1.1	203
20	Loss of motor function in preclinical Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2011, 11, 665-676.	2.8	200
21	Effect of Purpose in Life on the Relation Between Alzheimer Disease Pathologic Changes on Cognitive Function in Advanced Age. <i>Archives of General Psychiatry</i> , 2012, 69, 499.	12.3	180
22	Olfactory Impairment in Presymptomatic Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 730-735.	3.8	179
23	Nigral pathology and parkinsonian signs in elders without Parkinson disease. <i>Annals of Neurology</i> , 2012, 71, 258-266.	5.3	171
24	Suprachiasmatic neuron numbers and rest-activity circadian rhythms in older humans. <i>Annals of Neurology</i> , 2015, 78, 317-322.	5.3	171
25	Higher brain <i>BDNF</i> gene expression is associated with slower cognitive decline in older adults. <i>Neurology</i> , 2016, 86, 735-741.	1.1	170
26	Mixed pathology is more likely in black than white decedents with Alzheimer dementia. <i>Neurology</i> , 2015, 85, 528-534.	1.1	159
27	<i>CR1</i> is associated with amyloid plaque burden and age-related cognitive decline. <i>Annals of Neurology</i> , 2011, 69, 560-569.	5.3	148
28	Brain Pathology Contributes to Simultaneous Change in Physical Frailty and Cognition in Old Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1536-1544.	3.6	148
29	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80.	12.8	147
30	Grip Strength and the Risk of Incident Alzheimer's Disease. <i>Neuroepidemiology</i> , 2007, 29, 66-73.	2.3	142
31	Association of brain pathology with the progression of frailty in older adults. <i>Neurology</i> , 2013, 80, 2055-2061.	1.1	137
32	Physical Activity Is Associated with Incident Disability in Community-Based Older Persons. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 195-201.	2.6	136
33	Sleep is related to neuron numbers in the ventrolateral preoptic/intermediate nucleus in older adults with and without Alzheimer's disease. <i>Brain</i> , 2014, 137, 2847-2861.	7.6	136
34	The Relationship of Cerebral Vessel Pathology to Brain Microinfarcts. <i>Brain Pathology</i> , 2017, 27, 77-85.	4.1	135
35	Purpose in Life Is Associated With a Reduced Risk of Incident Disability Among Community-Dwelling Older Persons. <i>American Journal of Geriatric Psychiatry</i> , 2010, 18, 1093-1102.	1.2	133
36	Life Space and Risk of Alzheimer Disease, Mild Cognitive Impairment, and Cognitive Decline in Old Age. <i>American Journal of Geriatric Psychiatry</i> , 2011, 19, 961-969.	1.2	133

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37	Motoric cognitive risk syndrome. <i>Neurology</i> , 2014, 83, 2278-2284.	1.1	133
38	Temporal course and pathologic basis of unawareness of memory loss in dementia. <i>Neurology</i> , 2015, 85, 984-991.	1.1	122
39	Correlates of Life Space in a Volunteer Cohort of Older Adults. <i>Experimental Aging Research</i> , 2007, 33, 77-93.	1.2	119
40	Change in Frailty and Risk of Death in Older Persons. <i>Experimental Aging Research</i> , 2009, 35, 61-82.	1.2	119
41	Association Between Performance on Timed Up and Go Subtasks and Mild Cognitive Impairment: Further Insights into the Links Between Cognitive and Motor Function. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 673-678.	2.6	116
42	Cerebrovascular Disease Pathology and Parkinsonian Signs in Old Age. <i>Stroke</i> , 2011, 42, 3183-3189.	2.0	113
43	Cognitive Function Is Associated With the Development of Mobility Impairments in Community-Dwelling Elders. <i>American Journal of Geriatric Psychiatry</i> , 2011, 19, 571-580.	1.2	107
44	Associations Between Cardiovascular Risk, Structural Brain Changes, and Cognitive Decline. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2525-2534.	2.8	105
45	Targeted brain proteomics uncover multiple pathways to Alzheimer's dementia. <i>Annals of Neurology</i> , 2018, 84, 78-88.	5.3	102
46	Cognitive decline impairs financial and health literacy among community-based older persons without dementia. <i>Psychology and Aging</i> , 2013, 28, 614-624.	1.6	100
47	Pulmonary function, muscle strength and mortality in old age. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 625-631.	4.6	96
48	The APOE $\epsilon 4$ Allele Is Associated with Incident Mild Cognitive Impairment among Community-Dwelling Older Persons. <i>Neuroepidemiology</i> , 2010, 34, 43-49.	2.3	95
49	Cellular, synaptic, and biochemical features of resilient cognition in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 157-168.	3.1	94
50	Association Between Life Space and Risk of Mortality in Advanced Age. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 1925-1930.	2.6	92
51	Loneliness and the rate of motor decline in old age: the rush memory and aging project, a community-based cohort study. <i>BMC Geriatrics</i> , 2010, 10, 77.	2.7	89
52	Progressive parkinsonism in older adults is related to the burden of mixed brain pathologies. <i>Neurology</i> , 2019, 92, e1821-e1830.	1.1	88
53	Sarcopenia is associated with incident Alzheimer's dementia, mild cognitive impairment, and cognitive decline. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 1826-1835.	2.6	86
54	24-Hour Rhythms of DNA Methylation and Their Relation with Rhythms of RNA Expression in the Human Dorsolateral Prefrontal Cortex. <i>PLoS Genetics</i> , 2014, 10, e1004792.	3.5	80

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55	Increased Fragmentation of Rest-Activity Patterns Is Associated With a Characteristic Pattern of Cognitive Impairment in Older Individuals. <i>Sleep</i> , 2012, 35, 633-640.	1.1	77
56	Circadian disturbances in Alzheimer's disease progression: a prospective observational cohort study of community-based older adults. <i>The Lancet Healthy Longevity</i> , 2020, 1, e96-e105.	4.6	77
57	Musculoskeletal Pain Is Associated With Incident Mobility Disability in Community-Dwelling Elders. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 82-88.	3.6	76
58	APOE and cerebral amyloid angiopathy in community-dwelling older persons. <i>Neurobiology of Aging</i> , 2015, 36, 2946-2953.	3.1	76
59	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , 2021, 12, 654.	12.8	75
60	Change in Motor Function and Risk of Mortality in Older Persons. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 11-19.	2.6	74
61	Physical Activity and Leg Strength Predict Decline in Mobility Performance in Older Persons. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 1618-1623.	2.6	73
62	Lewy Bodies and Olfactory Dysfunction in Old Age. <i>Chemical Senses</i> , 2011, 36, 367-373.	2.0	73
63	Irregular 24-hour activity rhythms and the metabolic syndrome in older adults. <i>Chronobiology International</i> , 2015, 32, 802-813.	2.0	73
64	Using a Body-Fixed Sensor to Identify Subclinical Gait Difficulties in Older Adults with IADL Disability: Maximizing the Output of the Timed Up and Go. <i>PLoS ONE</i> , 2013, 8, e68885.	2.5	72
65	Regional Neocortical Gray Matter Structure and Sleep Fragmentation in Older Adults. <i>Sleep</i> , 2016, 39, 227-235.	1.1	72
66	Total Daily Activity is Associated With Cognition in Older Persons. <i>American Journal of Geriatric Psychiatry</i> , 2008, 16, 697-701.	1.2	71
67	Musculoskeletal pain and incident disability in community-dwelling older adults. <i>Arthritis Care and Research</i> , 2010, 62, 1287-1293.	3.4	68
68	Relation of genomic variants for Alzheimer disease dementia to common neuropathologies. <i>Neurology</i> , 2016, 87, 489-496.	1.1	68
69	Physical activity, motor function, and white matter hyperintensity burden in healthy older adults. <i>Neurology</i> , 2015, 84, 1294-1300.	1.1	67
70	Pulmonary Function, Muscle Strength, and Incident Mobility Disability in Elders. <i>Proceedings of the American Thoracic Society</i> , 2009, 6, 581-587.	3.5	66
71	Apolipoprotein E e4 Allele is Associated With More Rapid Motor Decline in Older Persons. <i>Alzheimer Disease and Associated Disorders</i> , 2009, 23, 63-69.	1.3	64
72	Combinations of motor measures more strongly predict adverse health outcomes in old age: the rush memory and aging project, a community-based cohort study. <i>BMC Medicine</i> , 2011, 9, 42.	5.5	63

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73	Resilient Brain Aging: Characterization of Discordance between Alzheimer's Disease Pathology and Cognition. <i>Current Alzheimer Research</i> , 2013, 10, 844-851.	1.4	63
74	Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , 2016, 87, 1036-1044.	1.1	61
75	Physical activity, common brain pathologies, and cognition in community-dwelling older adults. <i>Neurology</i> , 2019, 92, e811-e822.	1.1	61
76	Quantification of the Fragmentation of Rest-Activity Patterns in Elderly Individuals Using a State Transition Analysis. <i>Sleep</i> , 2011, 34, 1569-1581.	1.1	59
77	Brainstem Aminergic Nuclei and Late-Life Depressive Symptoms. <i>JAMA Psychiatry</i> , 2013, 70, 1320.	11.0	58
78	Negative social interactions and risk of mild cognitive impairment in old age.. <i>Neuropsychology</i> , 2015, 29, 561-570.	1.3	58
79	Botulinum Toxin Injections for Children With Excessive Drooling. <i>Journal of Child Neurology</i> , 2005, 20, 120-123.	1.4	57
80	Total daily activity declines more rapidly with increasing age in older adults. <i>Archives of Gerontology and Geriatrics</i> , 2014, 58, 74-79.	3.0	57
81	Sleep fragmentation and Parkinson's disease pathology in older adults without Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 1729-1737.	3.9	57
82	Association of total daily physical activity with disability in community-dwelling older persons: a prospective cohort study. <i>BMC Geriatrics</i> , 2012, 12, 63.	2.7	56
83	Microvascular brain pathology and late-life motor impairment. <i>Neurology</i> , 2013, 80, 712-718.	1.1	55
84	Sleep fragmentation, microglial aging, and cognitive impairment in adults with and without Alzheimer's dementia. <i>Science Advances</i> , 2019, 5, eaax7331.	10.3	55
85	Stiff-Person Syndrome Following West Nile Fever. <i>Archives of Neurology</i> , 2004, 61, 938.	4.5	54
86	Terminal decline in motor function.. <i>Psychology and Aging</i> , 2012, 27, 998-1007.	1.6	53
87	Sex Difference in Daily Rhythms of Clock Gene Expression in the Aged Human Cerebral Cortex. <i>Journal of Biological Rhythms</i> , 2013, 28, 117-129.	2.6	53
88	Bayesian Genome-wide TWAS Method to Leverage both cis- and trans-eQTL Information through Summary Statistics. <i>American Journal of Human Genetics</i> , 2020, 107, 714-726.	6.2	53
89	<sc>GWAS</sc> analysis of handgrip and lower body strength in older adults in the <sc>CHARGE</sc> consortium. <i>Aging Cell</i> , 2016, 15, 792-800.	6.7	51
90	Parkinsonism in Older Adults and Its Association With Adverse Health Outcomes and Neuropathology. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 549-556.	3.6	51

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91	Respiratory Muscle Strength Predicts Decline in Mobility in Older Persons. <i>Neuroepidemiology</i> , 2008, 31, 174-180.	2.3	50
92	A common polymorphism near <i>PER1</i> and the timing of human behavioral rhythms. <i>Annals of Neurology</i> , 2012, 72, 324-334.	5.3	48
93	Risk Aversion is Associated with Decision Making among Community-Based Older Persons. <i>Frontiers in Psychology</i> , 2012, 3, 205.	2.1	48
94	A translational approach to capture gait signatures of neurological disorders in mice and humans. <i>Scientific Reports</i> , 2017, 7, 3225.	3.3	48
95	Sleep Fragmentation, Cerebral Arteriosclerosis, and Brain Infarct Pathology in Community-Dwelling Older People. <i>Stroke</i> , 2016, 47, 516-518.	2.0	47
96	Alzheimer's brains show inter-related changes in RNA and lipid metabolism. <i>Neurobiology of Disease</i> , 2017, 106, 1-13.	4.4	43
97	Î±-synuclein pathology accumulates in sacral spinal visceral sensory pathways. <i>Annals of Neurology</i> , 2015, 78, 142-149.	5.3	42
98	Seasonal plasticity of cognition and related biological measures in adults with and without Alzheimer disease: Analysis of multiple cohorts. <i>PLoS Medicine</i> , 2018, 15, e1002647.	8.4	42
99	<i>APOE</i> Îµ4 genotype, incident AD and MCI, cognitive decline, and AD pathology in older adults. <i>Neurology</i> , 2018, 90, e2127-e2134.	1.1	42
100	Common variants in <i>DRD2</i> are associated with sleep duration: the CARE consortium. <i>Human Molecular Genetics</i> , 2016, 25, 167-179.	2.9	40
101	Total Daily Physical Activity and Longevity in Old Age. <i>Archives of Internal Medicine</i> , 2012, 172, 444.	3.8	39
102	Association of Parkinson Disease Risk Loci With Mild Parkinsonian Signs in Older Persons. <i>JAMA Neurology</i> , 2014, 71, 429.	9.0	38
103	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 276-287.	4.7	38
104	Daytime napping and Alzheimer's dementia: A potential bidirectional relationship. <i>Alzheimer's and Dementia</i> , 2023, 19, 158-168.	0.8	37
105	Total Daily Activity Measured With Actigraphy and Motor Function in Community-dwelling Older Persons With and Without Dementia. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 238-245.	1.3	36
106	Locus coeruleus neuron density and parkinsonism in older adults without Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 1625-1631.	3.9	36
107	Associations between Quantitative Mobility Measures Derived from Components of Conventional Mobility Testing and Parkinsonian Gait in Older Adults. <i>PLoS ONE</i> , 2014, 9, e86262.	2.5	36
108	Fractal regulation and incident Alzheimer's disease in elderly individuals. <i>Alzheimer's and Dementia</i> , 2018, 14, 1114-1125.	0.8	36

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109	Novel Variance-Component TWAS method for studying complex human diseases with applications to Alzheimer's dementia. <i>PLoS Genetics</i> , 2021, 17, e1009482.	3.5	36
110	The association of epigenetic clocks in brain tissue with brain pathologies and common aging phenotypes. <i>Neurobiology of Disease</i> , 2021, 157, 105428.	4.4	36
111	Enhancement of motor rehabilitation through the use of information technologies. <i>Clinical Biomechanics</i> , 2006, 21, 8-20.	1.2	35
112	Poor Decision Making Is Associated with an Increased Risk of Mortality among Community-Dwelling Older Persons without Dementia. <i>Neuroepidemiology</i> , 2013, 40, 247-252.	2.3	35
113	Sleep Complaints and Incident Disability in a Community-Based Cohort Study of Older Persons. <i>American Journal of Geriatric Psychiatry</i> , 2014, 22, 718-726.	1.2	33
114	Association Between Quantitative Gait and Balance Measures and Total Daily Physical Activity in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 636-642.	3.6	33
115	More random motor activity fluctuations predict incident frailty, disability, and mortality. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	33
116	Neuropathologic burden and the degree of frailty in relation to global cognition and dementia. <i>Neurology</i> , 2020, 95, e3269-e3279.	1.1	33
117	Do subjects with minimal motor features have prodromal Parkinson disease?. <i>Annals of Neurology</i> , 2018, 83, 562-574.	5.3	31
118	Hippocampal gene expression patterns linked to late-life physical activity oppose age and AD-related transcriptional decline. <i>Neurobiology of Aging</i> , 2019, 78, 142-154.	3.1	31
119	Different Combinations of Mobility Metrics Derived From a Wearable Sensor Are Associated With Distinct Health Outcomes in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1176-1183.	3.6	31
120	Vibratory thresholds and mobility in older persons. <i>Muscle and Nerve</i> , 2009, 39, 754-760.	2.2	30
121	Watershed microinfarct pathology and cognition in older persons. <i>Neurobiology of Aging</i> , 2018, 70, 10-17.	3.1	30
122	Transition Between the Timed up and Go Turn to Sit Subtasks: Is Timing Everything?. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 864.e9-864.e15.	2.5	27
123	The Role of MAPT Haplotype H2 and Isoform 1N/4R in Parkinsonism of Older Adults. <i>PLoS ONE</i> , 2016, 11, e0157452.	2.5	25
124	Brain pathology is related to total daily physical activity in older adults. <i>Neurology</i> , 2018, 90, e1911-e1919.	1.1	25
125	The transition between turning and sitting in patients with Parkinson's disease: A wearable device detects an unexpected sequence of events. <i>Gait and Posture</i> , 2019, 67, 224-229.	1.4	25
126	Association of cardiovascular risk burden with risk of dementia and brain pathologies: A population-based cohort study. <i>Alzheimer's and Dementia</i> , 2021, 17, 1914-1922.	0.8	25



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127	Quantitative Electromyographic Analysis of Changes in Muscle Activity Following Botulinum Toxin Therapy for Cervical Dystonia. <i>Clinical Neuropharmacology</i> , 1993, 16, 205-210.	0.7	24
128	REGIONAL BRAIN CORTICAL THINNING AND SYSTEMIC INFLAMMATION IN OLDER PERSONS WITHOUT DEMENTIA. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 1823-1825.	2.6	24
129	Postmortem MRI: a novel window into the neurobiology of late life cognitive decline. <i>Neurobiology of Aging</i> , 2016, 45, 169-177.	3.1	24
130	Effect of Age and Gender in the Control of Elbow Flexion Movements. <i>Journal of Motor Behavior</i> , 2000, 32, 391-399.	0.9	22
131	Odor Identification and Progression of Parkinsonian Signs in Older Persons. <i>Experimental Aging Research</i> , 2008, 34, 173-187.	1.2	22
132	Interaction between the progression of Alzheimer's disease and fractal degradation. <i>Neurobiology of Aging</i> , 2019, 83, 21-30.	3.1	22
133	Incident Mobility Disability, Mild Cognitive Impairment, and Mortality in Community-Dwelling Older Adults. <i>Neuroepidemiology</i> , 2019, 53, 55-62.	2.3	22
134	Dietary Patterns and Self-reported Incident Disability in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1331-1337.	3.6	22
135	Cortical Proteins and Individual Differences in Cognitive Resilience in Older Adults. <i>Neurology</i> , 2022, 98, .	1.1	22
136	Harm Avoidance and Disability in Old Age. <i>Experimental Aging Research</i> , 2006, 32, 243-261.	1.2	21
137	Harm Avoidance and Risk of Alzheimer's Disease. <i>Psychosomatic Medicine</i> , 2011, 73, 690-696.	2.0	21
138	Neuroticism, Extraversion, and Motor Function in Community-Dwelling Older Persons. <i>American Journal of Geriatric Psychiatry</i> , 2013, 21, 145-154.	1.2	21
139	Association Between Brain Gene Expression, DNA Methylation, and Alteration of Ex Vivo Magnetic Resonance Imaging Transverse Relaxation in Late-Life Cognitive Decline. <i>JAMA Neurology</i> , 2017, 74, 1473.	9.0	21
140	Quantitative mobility metrics from a wearable sensor predict incident parkinsonism in older adults. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 190-196.	2.2	21
141	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017, 9, 209-246.	3.1	21
142	Spinal Arteriolosclerosis Is Common in Older Adults and Associated With Parkinsonism. <i>Stroke</i> , 2017, 48, 2792-2798.	2.0	20
143	Representation of Older Latinxs in Cohort Studies at the Rush Alzheimer's Disease Center. <i>Neuroepidemiology</i> , 2020, 54, 404-418.	2.3	19
144	Person-Specific Contributions of Brain Pathologies to Progressive Parkinsonism in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 615-621.	3.6	19

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145	Functional connectivity networks associated with chronic musculoskeletal pain in old age. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 858-867.	2.7	18
146	Spinal Lewy body pathology in older adults without an antemortem diagnosis of Parkinson's disease. <i>Brain Pathology</i> , 2018, 28, 560-568.	4.1	18
147	Spinal motor neurons and motor function in older adults. <i>Journal of Neurology</i> , 2019, 266, 174-182.	3.6	18
148	Dietary antioxidants associated with slower progression of parkinsonian signs in older adults. <i>Nutritional Neuroscience</i> , 2020, , 1-8.	3.1	18
149	Microglial Correlates of Late Life Physical Activity: Relationship with Synaptic and Cognitive Aging in Older Adults. <i>Journal of Neuroscience</i> , 2022, 42, 288-298.	3.6	18
150	Gender differences in upper extremity motor performance of older persons. <i>Geriatrics and Gerontology International</i> , 2005, 5, 59-65.	1.5	17
151	Self-Reported Sleep in Older African Americans and White Americans. <i>Ethnicity and Disease</i> , 2016, 26, 521.	2.3	17
152	APOE genotypes as a risk factor for age-dependent accumulation of cerebrovascular disease in older adults. <i>Alzheimer's and Dementia</i> , 2019, 15, 258-266.	0.8	17
153	Association of Cardiovascular Risk Burden With Risk and Progression of Disability: Mediating Role of Cardiovascular Disease and Cognitive Decline. <i>Journal of the American Heart Association</i> , 2020, 9, e017346.	3.7	17
154	Disrupted Rest-Activity Rhythms and Cerebral Small Vessel Disease Pathology in Older Adults. <i>Stroke</i> , 2021, 52, 2427-2431.	2.0	17
155	Change in motor function and adverse health outcomes in older African-Americans. <i>Experimental Gerontology</i> , 2015, 70, 71-77.	2.8	16
156	Eosinophilia, myositis, and myasthenia gravis associated with a thymoma. <i>Muscle and Nerve</i> , 2006, 34, 242-245.	2.2	15
157	Neocortical Lewy bodies are associated with impaired odor identification in community-dwelling elders without clinical PD. <i>Journal of Neurology</i> , 2019, 266, 3108-3118.	3.6	15
158	Association of White Matter Hyperintensities With Pathology and Progression of Parkinsonism in Aging. <i>JAMA Neurology</i> , 2021, 78, 1494.	9.0	15
159	Antiphospholipid Antibodies, Brain Infarcts, and Cognitive and Motor Decline in Aging (ABICMA): Design of a Community-Based, Longitudinal, Clinical-Pathological Study. <i>Neuroepidemiology</i> , 2013, 40, 73-84.	2.3	14
160	Post-mortem brain pathology is related to declining respiratory function in community-dwelling older adults. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 197.	3.4	14
161	Brain pathologies are associated with both the rate and variability of declining motor function in older adults. <i>Acta Neuropathologica</i> , 2020, 140, 587-589.	7.7	14
162	Cortical proteins may provide motor resilience in older adults. <i>Scientific Reports</i> , 2021, 11, 11311.	3.3	14

#	ARTICLE	IF	CITATIONS
163	Determining a Dose-Effect Curve for Botulinum Toxin in the Sternocleidomastoid Muscle in Cervical Dystonia. <i>Clinical Neuropharmacology</i> , 1994, 17, 188-195.	0.7	13
164	Expanding instrumented gait testing in the community setting: A portable, depth-sensing camera captures joint motion in older adults. <i>PLoS ONE</i> , 2019, 14, e0215995.	2.5	13
165	Total Daily Physical Activity and the Risk of Parkinsonism in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 702-711.	3.6	13
166	What happens before the first step? A New Approach to Quantifying Gait Initiation Using a Wearable Sensor. <i>Gait and Posture</i> , 2020, 76, 128-135.	1.4	13
167	&lt;p&gt;Fragmentation of Rest/Activity Patterns in Community-Based Elderly Individuals Predicts Incident Heart Failure&lt;/p&gt;. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 299-307.	2.7	13
168	Motor function is the primary driver of the associations of sarcopenia and physical frailty with adverse health outcomes in community-dwelling older adults. <i>PLoS ONE</i> , 2021, 16, e0245680.	2.5	13
169	Quantitative mobility measures complement the MDS-UPDRS for characterization of Parkinson's disease heterogeneity. <i>Parkinsonism and Related Disorders</i> , 2021, 84, 105-111.	2.2	13
170	Haptoglobin 1-1 Genotype Modulates the Association of Glycemic Control With Hippocampal Volume in Elderly Individuals With Type 2 Diabetes. <i>Diabetes</i> , 2017, 66, 2927-2932.	0.6	13
171	Ex vivo MRI transverse relaxation in community based older persons with and without Alzheimerâ€™s dementia. <i>Behavioural Brain Research</i> , 2017, 322, 233-240.	2.2	12
172	Objective Assessment of Daytime Napping and Incident Heart Failure in 1140 Communityâ€™Dwelling Older Adults: A Prospective, Observational Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e019037.	3.7	12
173	Metrizamide and Its Neurologic Complications. <i>Clinical Neuropharmacology</i> , 1987, 10, 1-25.	0.7	11
174	The effect of changes in head posture on the patterns of muscle activity in cervical dystonia (CD). <i>Movement Disorders</i> , 1998, 13, 490-496.	3.9	11
175	Genetic risk for Alzheimerâ€™s dementia predicts motor deficits through multi-omic systems in older adults. <i>Translational Psychiatry</i> , 2019, 9, 241.	4.8	11
176	A novel approach for assigning levels to monkey and human lumbosacral spinal cord based on ventral horn morphology. <i>PLoS ONE</i> , 2017, 12, e0177243.	2.5	11
177	Deterioration in Motor Function Over Time in Older Adults With Type 2 Diabetes is Associated with Accelerated Cognitive Decline. <i>Endocrine Practice</i> , 2020, 26, 1143-1152.	2.1	11
178	Hemorrhagic Complications after the Lumbar Injection of Chymopapain. <i>Neurosurgery</i> , 1985, 16, 222-224.	1.1	10
179	Harm avoidance and cerebral infarction.. <i>Neuropsychology</i> , 2014, 28, 305-311.	1.3	10
180	Motor Function Is Associated With Incident Disability in Older African Americans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 696-702.	3.6	10

#	ARTICLE	IF	CITATIONS
181	Incident mobility disability, parkinsonism, and mortality in community-dwelling older adults. PLoS ONE, 2021, 16, e0246206.	2.5	9
182	Diverse Motor Performances Are Related to Incident Cognitive Impairment in Community-Dwelling Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 717139.	3.4	9
183	Neuropathologic Correlates of Human Cortical Proteins in Alzheimer Disease and Related Dementias. Neurology, 2022, 98, .	1.1	9
184	Visuoperceptual repetition priming and progression of parkinsonian signs in aging. Neurobiology of Aging, 2009, 30, 441-449.	3.1	8
185	Harm avoidance is associated with progression of parkinsonism in community-dwelling older adults: a prospective cohort study. BMC Geriatrics, 2014, 14, 54.	2.7	8
186	Cognition may link cortical IGFBP5 levels with motor function in older adults. PLoS ONE, 2019, 14, e0220968.	2.5	8
187	Total daily physical activity, brain pathologies, and parkinsonism in older adults. PLoS ONE, 2020, 15, e0232404.	2.5	8
188	Brain $\beta$ -Amyloid Links the Association of Change in Body Mass Index With Cognitive Decline in Community-Dwelling Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2023, 78, 277-285.	3.6	8
189	Association of Statins With Cerebral Atherosclerosis and Incident Parkinsonism in Older Adults. Neurology, 2022, 98, .	1.1	8
190	Antiphospholipid Antibodies: Cognitive and Motor Decline, Neuroimaging and Neuropathology. Neuroepidemiology, 2019, 53, 100-107.	2.3	6
191	Systemic brain derived neurotrophic factor but not intestinal barrier integrity is associated with cognitive decline and incident Alzheimer's disease. PLoS ONE, 2021, 16, e0240342.	2.5	6
192	Late-Life Vascular Risk Score in Association With Postmortem Cerebrovascular Disease Brain Pathologies. Stroke, 2021, 52, 2060-2067.	2.0	6
193	Mixed Neuropathologies, Neural Motor Resilience and Target Discovery for Therapies of Late-Life Motor Impairment. Frontiers in Human Neuroscience, 2022, 16, 853330.	2.0	6
194	Neurodegenerative and Cerebrovascular Brain Pathologies Are Differentially Associated With Declining Grip Strength and Gait In Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2023, 78, 504-513.	3.6	6
195	Antihypertensive and Statin Medication Use and Motor Function in Community-Dwelling Older Adults. Journal of the American Medical Directors Association, 2016, 17, 220-224.	2.5	5
196	Association of Heel Bone Mineral Density With Incident Disability and Mortality in Community-Dwelling Older Adults. JBMR Plus, 2020, 4, e10390.	2.7	5
197	Physical activity, brain tissue microstructure, and cognition in older adults. PLoS ONE, 2021, 16, e0253484.	2.5	5
198	Association of Low Systolic Blood Pressure with Postmortem Amyloid- $\beta$ and Tau. Journal of Alzheimer's Disease, 2020, 78, 1755-1764.	2.6	5

#	ARTICLE	IF	CITATIONS
199	0301 Interaction Between the Progression of Alzheimer's Dementia and Circadian Disturbances: A 13-Year Longitudinal Study in Community-Based Older Adults. <i>Sleep</i> , 2019, 42, A123-A123.	1.1	4
200	Semiautomatic morphometric analysis of skeletal muscle obtained by needle biopsy in older adults. <i>GeroScience</i> , 2020, 42, 1431-1443.	4.6	4
201	Association of Lewy Bodies With Age-Related Clinical Characteristics in Black and White Decedents. <i>Neurology</i> , 2021, 97, e825-e835.	1.1	4
202	Proteome-Wide Discovery of Cortical Proteins That May Provide Motor Resilience to Offset the Negative Effects of Pathologies in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 494-503.	3.6	4
203	Frequency of Parkinsonism and Parkinson Disease in African Americans in the Chicago Community. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1340-1345.	3.6	3
204	Dietary Patterns and Individual Parkinsonian Signs Among Biracial Population of Older Adults. <i>Current Developments in Nutrition</i> , 2021, 5, 1.	0.3	3
205	Relationship between objectively measured physical activity on neuropathology and cognitive outcomes in older adults: Resistance versus resilience?. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12245.	2.4	3
206	Higher Dietary Intake of Advanced Glycation End Products Is Associated with Faster Cognitive Decline in Community-Dwelling Older Adults. <i>Nutrients</i> , 2022, 14, 1468.	4.1	3
207	Urinary Incontinence, Incident Parkinsonism, and Parkinson's Disease Pathology in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw235.	3.6	2
208	Automatic Quantification of Tandem Walking Using a Wearable Device: New Insights Into Dynamic Balance and Mobility in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 101-107.	3.6	2
209	Influence of Cardiovascular Risk Burden on Motor Function Among Older Adults: Mediating Role of Cardiovascular Diseases Accumulation and Cognitive Decline. <i>Frontiers in Medicine</i> , 2022, 9, 856260.	2.6	2
210	Defective preprogramming does not account for the clinical deficits of Parkinson's disease. <i>Behavioral and Brain Sciences</i> , 1996, 19, 73-74.	0.7	1
211	Author response: Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , 2017, 88, 920-920.	1.1	1
212	Author response: Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , 2017, 88, 919-920.	1.1	1
213	AUTOMATIC QUANTIFICATION OF TANDEM WALKING USING A WEARABLE DEVICE: VALIDITY OF THE INSTRUMENTED TANDEM WALK. <i>Innovation in Aging</i> , 2019, 3, S335-S335.	0.1	1
214	0037 Degraded Circadian Regulation Predicts Incident Physical Disability and All-Cause Mortality in Community-Based Older Adults. <i>Sleep</i> , 2019, 42, A15-A15.	1.1	1
215	Latent Cognitive Class at Enrollment Predicts Future Cognitive Trajectories of Decline in a Community Sample of Older Adults. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 641-652.	2.6	1
216	P4-377: A TOMM40 SNP IN APOE E4 NON-CARRIERS INCREASES RISK FOR MULTIPLE TYPES OF DEMENTIA. , 2014, 10, P926-P926.		0

#	ARTICLE	IF	CITATIONS
217	Response to Letter Regarding Article, "Sleep Fragmentation, Cerebral Arteriolosclerosis, and Brain Infarct Pathology in Community-Dwelling Older People" Stroke, 2016, 47, e175.	2.0	0
218	[P1463]: WATERSHED MICROINFARCT PATHOLOGY AND COGNITION IN OLDER PERSONS. Alzheimer's and Dementia, 2017, 13, P464.	0.8	0
219	S1-01-03: ANALYSIS OF DATA FROM WEARABLE DEVICES. , 2018, 14, P198-P198.		0
220	0305 Degraded Fractal Activity Regulation and Incident Parkinsonism in Community-Based Older Adults. Sleep, 2019, 42, A124-A126.	1.1	0
221	0283 Sleep Fragmentation Predicts Risk of Congestive Heart Failure in Community-Based Older Adults. Sleep, 2019, 42, A115-A115.	1.1	0
222	246 Maintenance of Circadian/Daily Activity Patterns and Cognitive Resilience to Alzheimer's Pathology in Late Life. Sleep, 2021, 44, A99-A100.	1.1	0
223	Racial Differences in the Effect of HIV Status on Motor and Pulmonary Function and Mobility Disability in Older Adults. Journal of Racial and Ethnic Health Disparities, 2021, , 1.	3.2	0
224	Motor and Pulmonary Function and Mobility Disability Among Black and White Older Adults With and Without HIV. Innovation in Aging, 2020, 4, 232-232.	0.1	0
225	Differential association of Alzheimer's disease and related neurodegenerative and vascular pathologies with grip strength versus gait function. Alzheimer's and Dementia, 2021, 17, e051387.	0.8	0
226	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
227	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
228	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
229	Total daily physical activity, brain pathologies, and parkinsonism in older adults. , 2020, 15, e0232404.		0
230	0277 Deep learning revealed associations between altered temporal correlations in motor activity and Parkinson's risk. Sleep, 2022, 45, A124-A125.	1.1	0