

Aron S Buchman

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

219
papers

10,969
citations

57
h-index

99
g-index

239
ext. papers

13,613
ext. citations

5.3
avg, IF

6.28
L-index

#	Paper	IF	Citations
219	Overview and findings from the rush Memory and Aging Project. <i>Current Alzheimer Research</i> , 2012 , 9, 646-63	3	529
218	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	394
217	Physical frailty is associated with incident mild cognitive impairment in community-based older persons. <i>Journal of the American Geriatrics Society</i> , 2010 , 58, 248-55	5.6	305
216	Religious Orders Study and Rush Memory and Aging Project. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, S161-S189	4.3	304
215	The Rush Memory and Aging Project: study design and baseline characteristics of the study cohort. <i>Neuroepidemiology</i> , 2005 , 25, 163-75	5.4	300
214	Purpose in life is associated with mortality among community-dwelling older persons. <i>Psychosomatic Medicine</i> , 2009 , 71, 574-9	3.7	276
213	At the interface of sensory and motor dysfunctions and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015 , 11, 70-98	1.2	271
212	Frailty is associated with incident Alzheimer's disease and cognitive decline in the elderly. <i>Psychosomatic Medicine</i> , 2007 , 69, 483-9	3.7	264
211	APOE $\epsilon 4$ increases risk for dementia in pure synucleinopathies. <i>JAMA Neurology</i> , 2013 , 70, 223-8	17.2	243
210	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		224
209	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	6	220
208	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, 110-8	6.4	188
207	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
206	Kidney function is associated with the rate of cognitive decline in the elderly. <i>Neurology</i> , 2009 , 73, 920-76.5		168
205	Physical frailty in older persons is associated with Alzheimer disease pathology. <i>Neurology</i> , 2008 , 71, 499-504	6.5	168
204	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, 1544-51	17.2	167
203	Neural reserve, neuronal density in the locus ceruleus, and cognitive decline. <i>Neurology</i> , 2013 , 80, 1202-8.5		157

202	Association between late-life social activity and motor decline in older adults. <i>Archives of Internal Medicine</i> , 2009 , 169, 1139-46		154
201	Relation of neuropathology to cognition in persons without cognitive impairment. <i>Annals of Neurology</i> , 2012 , 72, 599-609	9.4	153
200	Olfactory impairment in presymptomatic Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1170, 730-5	6.5	140
199	Nigral pathology and parkinsonian signs in elders without Parkinson disease. <i>Annals of Neurology</i> , 2012 , 71, 258-66	9.4	137
198	Loss of motor function in preclinical Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2011 , 11, 665-76	4.3	136
197	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, 499-505		130
196	CR1 is associated with amyloid plaque burden and age-related cognitive decline. <i>Annals of Neurology</i> , 2011 , 69, 560-9	9.4	128
195	Higher brain BDNF gene expression is associated with slower cognitive decline in older adults. <i>Neurology</i> , 2016 , 86, 735-41	6.5	119
194	Suprachiasmatic neuron numbers and rest-activity circadian rhythms in older humans. <i>Annals of Neurology</i> , 2015 , 78, 317-22	9.4	116
193	Association of brain pathology with the progression of frailty in older adults. <i>Neurology</i> , 2013 , 80, 2055-61	6.5	116
192	Physical activity is associated with incident disability in community-based older persons. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 195-201	5.6	114
191	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, 1536-44	6.4	113
190	Grip strength and the risk of incident Alzheimer's disease. <i>Neuroepidemiology</i> , 2007 , 29, 66-73	5.4	106
189	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, 2847-61	11.2	104
188	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, 961-9	6.5	101
187	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, 1093-102	6.5	100
186	Mixed pathology is more likely in black than white decedents with Alzheimer dementia. <i>Neurology</i> , 2015 , 85, 528-34	6.5	97
185	Correlates of life space in a volunteer cohort of older adults. <i>Experimental Aging Research</i> , 2007 , 33, 77-93		95

184	Motoric cognitive risk syndrome: Multicenter incidence study. <i>Neurology</i> , 2014 , 83, 2278-84	6.5	93
183	The Relationship of Cerebral Vessel Pathology to Brain Microinfarcts. <i>Brain Pathology</i> , 2017 , 27, 77-85	6	89
182	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, 673-8	5.6	89
181	Cognitive function is associated with the development of mobility impairments in community-dwelling elders. <i>American Journal of Geriatric Psychiatry</i> , 2011 , 19, 571-80	6.5	89
180	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017 , 8, 80	17.4	88
179	Change in frailty and risk of death in older persons. <i>Experimental Aging Research</i> , 2009 , 35, 61-82	1.7	88
178	Cerebrovascular disease pathology and parkinsonian signs in old age. <i>Stroke</i> , 2011 , 42, 3183-9	6.7	86
177	Cognitive decline impairs financial and health literacy among community-based older persons without dementia. <i>Psychology and Aging</i> , 2013 , 28, 614-24	3.6	78
176	Motor and Pulmonary Function and Mobility Disability Among Black and White Older Adults With and Without HIV. <i>Innovation in Aging</i> , 2020 , 4, 232-232	0.1	78
175	Temporal course and pathologic basis of unawareness of memory loss in dementia. <i>Neurology</i> , 2015 , 85, 984-91	6.5	70
174	Association between life space and risk of mortality in advanced age. <i>Journal of the American Geriatrics Society</i> , 2010 , 58, 1925-30	5.6	69
173	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	6	67
172	The APOE epsilon4 allele is associated with incident mild cognitive impairment among community-dwelling older persons. <i>Neuroepidemiology</i> , 2010 , 34, 43-9	5.4	67
171	Pulmonary function, muscle strength and mortality in old age. <i>Mechanisms of Ageing and Development</i> , 2008 , 129, 625-31	5.6	66
170	Lewy bodies and olfactory dysfunction in old age. <i>Chemical Senses</i> , 2011 , 36, 367-73	4.8	65
169	Change in motor function and risk of mortality in older persons. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 11-9	5.6	64
168	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 , 66, 82-8	6.4	61
167	Increased fragmentation of rest-activity patterns is associated with a characteristic pattern of cognitive impairment in older individuals. <i>Sleep</i> , 2012 , 35, 633-40B	1.1	61

166	Total daily activity is associated with cognition in older persons. <i>American Journal of Geriatric Psychiatry</i> , 2008 , 16, 697-701	6.5	61
165	Cellular, synaptic, and biochemical features of resilient cognition in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013 , 34, 157-68	5.6	60
164	Physical activity and leg strength predict decline in mobility performance in older persons. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 1618-23	5.6	60
163	Progressive parkinsonism in older adults is related to the burden of mixed brain pathologies. <i>Neurology</i> , 2019 , 92, e1821-e1830	6.5	58
162	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	4.1	57
161	Targeted brain proteomics uncover multiple pathways to Alzheimer's dementia. <i>Annals of Neurology</i> , 2018 , 84, 78-88	9.4	56
160	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	3.7	56
159	Musculoskeletal pain and incident disability in community-dwelling older adults. <i>Arthritis Care and Research</i> , 2010 , 62, 1287-93	4.7	55
158	Pulmonary function, muscle strength, and incident mobility disability in elders. <i>Proceedings of the American Thoracic Society</i> , 2009 , 6, 581-7		54
157	Apolipoprotein E e4 allele is associated with more rapid motor decline in older persons. <i>Alzheimer Disease and Associated Disorders</i> , 2009 , 23, 63-9	2.5	53
156	APOE and cerebral amyloid angiopathy in community-dwelling older persons. <i>Neurobiology of Aging</i> , 2015 , 36, 2946-2953	5.6	52
155	Regional Neocortical Gray Matter Structure and Sleep Fragmentation in Older Adults. <i>Sleep</i> , 2016 , 39, 227-35	1.1	51
154	Microvascular brain pathology and late-life motor impairment. <i>Neurology</i> , 2013 , 80, 712-8	6.5	47
153	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	11.4	47
152	Quantification of the fragmentation of rest-activity patterns in elderly individuals using a state transition analysis. <i>Sleep</i> , 2011 , 34, 1569-81	1.1	47
151	Botulinum toxin injections for children with excessive drooling. <i>Journal of Child Neurology</i> , 2005 , 20, 120-3	2.5	47
150	Total daily activity declines more rapidly with increasing age in older adults. <i>Archives of Gerontology and Geriatrics</i> , 2014 , 58, 74-9	4	46
149	Terminal decline in motor function. <i>Psychology and Aging</i> , 2012 , 27, 998-1007	3.6	46

148	Stiff-person syndrome following West Nile fever. <i>Archives of Neurology</i> , 2004 , 61, 938-41		46
147	Resilient brain aging: characterization of discordance between Alzheimer's disease pathology and cognition. <i>Current Alzheimer Research</i> , 2013 , 10, 844-51	3	46
146	Association of total daily physical activity with disability in community-dwelling older persons: a prospective cohort study. <i>BMC Geriatrics</i> , 2012 , 12, 63	4.1	45
145	Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , 2016 , 87, 1036-44	6.5	45
144	Irregular 24-hour activity rhythms and the metabolic syndrome in older adults. <i>Chronobiology International</i> , 2015 , 32, 802-13	3.6	44
143	Associations Between Cardiovascular Risk, Structural Brain Changes, and Cognitive Decline. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2525-2534	15.1	43
142	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, 549-56	6.4	40
141	Negative social interactions and risk of mild cognitive impairment in old age. <i>Neuropsychology</i> , 2015 , 29, 561-70	3.8	40
140	Relation of genomic variants for Alzheimer disease dementia to common neuropathologies. <i>Neurology</i> , 2016 , 87, 489-96	6.5	39
139	Sleep Fragmentation, Cerebral Arteriolosclerosis, and Brain Infarct Pathology in Community-Dwelling Older People. <i>Stroke</i> , 2016 , 47, 516-8	6.7	38
138	A common polymorphism near PER1 and the timing of human behavioral rhythms. <i>Annals of Neurology</i> , 2012 , 72, 324-34	9.4	38
137	Respiratory muscle strength predicts decline in mobility in older persons. <i>Neuroepidemiology</i> , 2008 , 31, 174-80	5.4	38
136	Common variants in DRD2 are associated with sleep duration: the CARE consortium. <i>Human Molecular Genetics</i> , 2016 , 25, 167-79	5.6	37
135	Brainstem aminergic nuclei and late-life depressive symptoms. <i>JAMA Psychiatry</i> , 2013 , 70, 1320-8	14.5	37
134	Risk Aversion is Associated with Decision Making among Community-Based Older Persons. <i>Frontiers in Psychology</i> , 2012 , 3, 205	3.4	36
133	Sex difference in daily rhythms of clock gene expression in the aged human cerebral cortex. <i>Journal of Biological Rhythms</i> , 2013 , 28, 117-29	3.2	36
132	A translational approach to capture gait signatures of neurological disorders in mice and humans. <i>Scientific Reports</i> , 2017 , 7, 3225	4.9	35
131	GWAS analysis of handgrip and lower body strength in older adults in the CHARGE consortium. <i>Aging Cell</i> , 2016 , 15, 792-800	9.9	33

130	Locus coeruleus neuron density and parkinsonism in older adults without Parkinson's disease. <i>Movement Disorders</i> , 2012 , 27, 1625-31	7	32
129	β-synuclein pathology accumulates in sacral spinal visceral sensory pathways. <i>Annals of Neurology</i> , 2015 , 78, 142-9	9.4	31
128	Association of Parkinson disease risk loci with mild parkinsonian signs in older persons. <i>JAMA Neurology</i> , 2014 , 71, 429-35	17.2	31
127	Physical activity, common brain pathologies, and cognition in community-dwelling older adults. <i>Neurology</i> , 2019 , 92, e811-e822	6.5	31
126	Sleep fragmentation and Parkinson's disease pathology in older adults without Parkinson's disease. <i>Movement Disorders</i> , 2017 , 32, 1729-1737	7	30
125	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	3.7	30
124	Poor decision making is associated with an increased risk of mortality among community-dwelling older persons without dementia. <i>Neuroepidemiology</i> , 2013 , 40, 247-52	5.4	30
123	Total daily physical activity and longevity in old age. <i>Archives of Internal Medicine</i> , 2012 , 172, 444-6		30
122	Enhancement of motor rehabilitation through the use of information technologies. <i>Clinical Biomechanics</i> , 2006 , 21, 8-20	2.2	29
121	Alzheimer's brains show inter-related changes in RNA and lipid metabolism. <i>Neurobiology of Disease</i> , 2017 , 106, 1-13	7.5	28
120	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, 238-45	2.5	27
119	Sleep complaints and incident disability in a community-based cohort study of older persons. <i>American Journal of Geriatric Psychiatry</i> , 2014 , 22, 718-26	6.5	26
118	Do subjects with minimal motor features have prodromal Parkinson disease?. <i>Annals of Neurology</i> , 2018 , 83, 562-574	9.4	25
117	APOE genotype, incident AD and MCI, cognitive decline, and AD pathology in older adults. <i>Neurology</i> , 2018 , 90, e2127-e2134	6.5	25
116	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	6.4	24
115	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 276-287	7	24
114	Quantitative electromyographic analysis of changes in muscle activity following botulinum toxin therapy for cervical dystonia. <i>Clinical Neuropharmacology</i> , 1993 , 16, 205-10	1.4	24
113	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	9.5	24

112	Postmortem MRI: a novel window into the neurobiology of late life cognitive decline. <i>Neurobiology of Aging</i> , 2016 , 45, 169-177	5.6	22
111	Sleep fragmentation, microglial aging, and cognitive impairment in adults with and without Alzheimer's dementia. <i>Science Advances</i> , 2019 , 5, eaax7331	14.3	22
110	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	11.6	22
109	Fractal regulation and incident Alzheimer's disease in elderly individuals. <i>Alzheimer's and Dementia</i> , 2018 , 14, 1114-1125	1.2	21
108	Vibratory thresholds and mobility in older persons. <i>Muscle and Nerve</i> , 2009 , 39, 754-60	3.4	21
107	Watershed microinfarct pathology and cognition in older persons. <i>Neurobiology of Aging</i> , 2018 , 70, 10-17	5.6	21
106	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	5.6	20
105	Brain pathology is related to total daily physical activity in older adults. <i>Neurology</i> , 2018 , 90, e1911-e1916	10.5	19
104	Harm avoidance and risk of Alzheimer's disease. <i>Psychosomatic Medicine</i> , 2011 , 73, 690-6	3.7	19
103	Odor identification and progression of parkinsonian signs in older persons. <i>Experimental Aging Research</i> , 2008 , 34, 173-87	1.7	19
102	Harm avoidance and disability in old age. <i>Experimental Aging Research</i> , 2006 , 32, 243-61	1.7	19
101	Effect of age and gender in the control of elbow flexion movements. <i>Journal of Motor Behavior</i> , 2000 , 32, 391-9	1.4	19
100	The Role of MAPT Haplotype H2 and Isoform 1N/4R in Parkinsonism of Older Adults. <i>PLoS ONE</i> , 2016 , 11, e0157452	3.7	19
99	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	6.4	18
98	Neuropathologic burden and the degree of frailty in relation to global cognition and dementia. <i>Neurology</i> , 2020 , 95, e3269-e3279	6.5	17
97	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	2.6	17
96	Neuroticism, extraversion, and motor function in community-dwelling older persons. <i>American Journal of Geriatric Psychiatry</i> , 2013 , 21, 145-54	6.5	16
95	Gender differences in upper extremity motor performance of older persons. <i>Geriatrics and Gerontology International</i> , 2005 , 5, 59-65	2.9	16

94	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017 , 9, 209-246	5.6	16
93	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, 1473-1480 ¹⁵	17.2	15
92	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	5.9	15
91	Quantitative mobility metrics from a wearable sensor predict incident parkinsonism in older adults. <i>Parkinsonism and Related Disorders</i> , 2019 , 65, 190-196	3.6	15
90	More random motor activity fluctuations predict incident frailty, disability, and mortality. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	14
89	Regional brain cortical thinning and systemic inflammation in older persons without dementia. <i>Journal of the American Geriatrics Society</i> , 2010 , 58, 1823-5	5.6	14
88	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	5.6	14
87	Functional connectivity networks associated with chronic musculoskeletal pain in old age. <i>International Journal of Geriatric Psychiatry</i> , 2013 , 28, 858-67	3.9	13
86	Eosinophilia, myositis, and myasthenia gravis associated with a thymoma. <i>Muscle and Nerve</i> , 2006 , 34, 242-5	3.4	13
85	Determining a Dose-Effect Curve for Botulinum Toxin in the Sternocleidomastoid Muscle in Cervical Dystonia. <i>Clinical Neuropharmacology</i> , 1994 , 17, 188-195	1.4	13
84	Self-Reported Sleep in Older African Americans and White Americans. <i>Ethnicity and Disease</i> , 2016 , 26, 521-528	1.8	13
83	Spinal Lewy body pathology in older adults without an antemortem diagnosis of Parkinson's disease. <i>Brain Pathology</i> , 2018 , 28, 560-568	6	12
82	Spinal Arteriosclerosis Is Common in Older Adults and Associated With Parkinsonism. <i>Stroke</i> , 2017 , 48, 2792-2798	6.7	12
81	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	5.4	12
80	Incident Mobility Disability, Mild Cognitive Impairment, and Mortality in Community-Dwelling Older Adults. <i>Neuroepidemiology</i> , 2019 , 53, 55-62	5.4	11
79	Post-mortem brain pathology is related to declining respiratory function in community-dwelling older adults. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 197	5.3	11
78	The effect of changes in head posture on the patterns of muscle activity in cervical dystonia (CD). <i>Movement Disorders</i> , 1998 , 13, 490-6	7	11
77	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	6.4	11

76	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	6.4	11
75	Ex vivo MRI transverse relaxation in community based older persons with and without Alzheimer's dementia. <i>Behavioural Brain Research</i> , 2017 , 322, 233-240	3.4	10
74	Change in motor function and adverse health outcomes in older African-Americans. <i>Experimental Gerontology</i> , 2015 , 70, 71-7	4.5	10
73	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	6.4	10
72	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , 2021 , 12, 654	17.4	10
71	Interaction between the progression of Alzheimer's disease and fractal degradation. <i>Neurobiology of Aging</i> , 2019 , 83, 21-30	5.6	9
70	Harm avoidance and cerebral infarction. <i>Neuropsychology</i> , 2014 , 28, 305-11	3.8	9
69	Metrizamide and its neurologic complications. <i>Clinical Neuropharmacology</i> , 1987 , 10, 1-25	1.4	9
68	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	0.9	9
67	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	6.4	8
66	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	1.2	8
65	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	3.7	7
64	Harm avoidance is associated with progression of parkinsonism in community-dwelling older adults: a prospective cohort study. <i>BMC Geriatrics</i> , 2014 , 14, 54	4.1	7
63	Hemorrhagic complications after the lumbar injection of chymopapain. <i>Neurosurgery</i> , 1985 , 16, 222-4	3.2	7
62	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	11	7
61	Cognition may link cortical IGFBP5 levels with motor function in older adults. <i>PLoS ONE</i> , 2019 , 14, e0220968	3.68	6
60	Fragmentation of Rest/Activity Patterns in Community-Based Elderly Individuals Predicts Incident Heart Failure. <i>Nature and Science of Sleep</i> , 2020 , 12, 299-307	3.6	6
59	Visuoperceptual repetition priming and progression of parkinsonian signs in aging. <i>Neurobiology of Aging</i> , 2009 , 30, 441-9	5.6	6

58	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	3.7	6
57	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	3.2	6
56	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	2.6	6
55	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	6	6
54	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	5.5	5
53	Antiphospholipid Antibodies: Cognitive and Motor Decline, Neuroimaging and Neuropathology. <i>Neuroepidemiology</i> , 2019 , 53, 100-107	5.4	5
52	Total daily physical activity, brain pathologies, and parkinsonism in older adults. <i>PLoS ONE</i> , 2020 , 15, e0232404	3.7	5
51	Dietary antioxidants associated with slower progression of parkinsonian signs in older adults. <i>Nutritional Neuroscience</i> , 2020 , 1-8	3.6	5
50	Representation of Older Latinxs in Cohort Studies at the Rush Alzheimer's Disease Center. <i>Neuroepidemiology</i> , 2020 , 54, 404-418	5.4	5
49	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	14.3	5
48	The association of epigenetic clocks in brain tissue with brain pathologies and common aging phenotypes. <i>Neurobiology of Disease</i> , 2021 , 157, 105428	7.5	5
47	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
46	Microglial correlates of late life physical activity: Relationship with synaptic and cognitive aging in older adults. <i>Journal of Neuroscience</i> , 2021 ,	6.6	4
45	Semiautomatic morphometric analysis of skeletal muscle obtained by needle biopsy in older adults. <i>GeroScience</i> , 2020 , 42, 1431-1443	8.9	3
44	Quantitative mobility measures complement the MDS-UPDRS for characterization of Parkinson's disease heterogeneity. <i>Parkinsonism and Related Disorders</i> , 2021 , 84, 105-111	3.6	3
43	Objective Assessment of Daytime Napping and Incident Heart Failure in 1140 Community-Dwelling Older Adults: A Prospective, Observational Cohort Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e019037	6	3
42	Disrupted Rest-Activity Rhythms and Cerebral Small Vessel Disease Pathology in Older Adults. <i>Stroke</i> , 2021 , 52, 2427-2431	6.7	3
41	Spinal motor neurons and motor function in older adults. <i>Journal of Neurology</i> , 2019 , 266, 174-182	5.5	3

40	Genetic risk for Alzheimer's dementia predicts motor deficits through multi-omic systems in older adults. <i>Translational Psychiatry</i> , 2019 , 9, 241	8.6	2
39	Antihypertensive and Statin Medication Use and Motor Function in Community-Dwelling Older Adults. <i>Journal of the American Medical Directors Association</i> , 2016 , 17, 220-4	5.9	2
38	Association of Low Systolic Blood Pressure with Postmortem Amyloid- β and Tau. <i>Journal of Alzheimer's Disease</i> , 2020 , 78, 1755-1764	4.3	2
37	Novel Variance-Component TWAS method for studying complex human diseases with applications to Alzheimer's dementia. <i>PLoS Genetics</i> , 2021 , 17, e1009482	6	2
36	Cortical proteins may provide motor resilience in older adults. <i>Scientific Reports</i> , 2021 , 11, 11311	4.9	2
35	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, 1295-1301	6.4	2
34	Incident mobility disability, parkinsonism, and mortality in community-dwelling older adults. <i>PLoS ONE</i> , 2021 , 16, e0246206	3.7	2
33	Diverse Motor Performances Are Related to Incident Cognitive Impairment in Community-Dwelling Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 717139	5.3	2
32	Daytime napping and Alzheimer's dementia: A potential bidirectional relationship.. <i>Alzheimer's and Dementia</i> , 2022 ,	1.2	2
31	Cortical Proteins and Individual Differences in Cognitive Resilience in Older Adults.. <i>Neurology</i> , 2022 ,	6.5	2
30	Author response: Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , 2017 , 88, 920	6.5	1
29	Author response: Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , 2017 , 88, 919-920	6.5	1
28	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
27	Defective preprogramming does not account for the clinical deficits of Parkinson's disease. <i>Behavioral and Brain Sciences</i> , 1996 , 19, 73-74	0.9	1
26	Association of Heel Bone Mineral Density With Incident Disability and Mortality in Community-Dwelling Older Adults. <i>JBMR Plus</i> , 2020 , 4, e10390	3.9	1
25	Systemic brain derived neurotrophic factor but not intestinal barrier integrity is associated with cognitive decline and incident Alzheimer's disease. <i>PLoS ONE</i> , 2021 , 16, e0240342	3.7	1
24	Association of Lewy Bodies With Age-Related Clinical Characteristics in Black and White Decedents. <i>Neurology</i> , 2021 , 97, e825-e835	6.5	1
23	Late-Life Vascular Risk Score in Association With Postmortem Cerebrovascular Disease Brain Pathologies. <i>Stroke</i> , 2021 , 52, 2060-2067	6.7	1

22	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	3.7	1
21	Physical activity, brain tissue microstructure, and cognition in older adults. <i>PLoS ONE</i> , 2021 , 16, e0253484	4.7	1
20	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	4.3	1
19	Mixed Neuropathologies, Neural Motor Resilience and Target Discovery for Therapies of Late-Life Motor Impairment.. <i>Frontiers in Human Neuroscience</i> , 2022 , 16, 853330	3.3	1
18	Association of White Matter Hyperintensities With Pathology and Progression of Parkinsonism in Aging. <i>JAMA Neurology</i> , 2021 , 78, 1494-1502	17.2	0
17	Dietary Patterns and Individual Parkinsonian Signs Among Biracial Population of Older Adults. <i>Current Developments in Nutrition</i> , 2021 , 5, 1-1	0.4	0
16	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	6.4	0
15	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	6.4	0
14	Neuropathologic Correlates of Human Cortical Proteins in Alzheimer Disease and Related Dementias.. <i>Neurology</i> , 2021 ,	6.5	0
13	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	
12	0305 Degraded Fractal Activity Regulation and Incident Parkinsonism in Community-Based Older Adults. <i>Sleep</i> , 2019 , 42, A124-A126	1.1	
11	0283 Sleep Fragmentation Predicts Risk of Congestive Heart Failure in Community-Based Older Adults. <i>Sleep</i> , 2019 , 42, A115-A115	1.1	
10	P4-377: A TOMM40 SNP IN APOE E4 NON-CARRIERS INCREASES RISK FOR MULTIPLE TYPES OF DEMENTIA 2014 , 10, P926-P926		
9	[P1163]: WATERSHED MICROINFARCT PATHOLOGY AND COGNITION IN OLDER PERSONS 2017 , 13, P464-P465		
8	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	5.2	
7	246 Maintenance of Circadian/Daily Activity Patterns and Cognitive Resilience to Alzheimer's Pathology in Late Life. <i>Sleep</i> , 2021 , 44, A99-A100	1.1	
6	Response to Letter Regarding Article, "Sleep Fragmentation, Cerebral Arteriolosclerosis, and Brain Infarct Pathology in Community-Dwelling Older People". <i>Stroke</i> , 2016 , 47, e175	6.7	
5	S1-01-03: ANALYSIS OF DATA FROM WEARABLE DEVICES 2018 , 14, P198-P198		

4	Racial Differences in the Effect of HIV Status on Motor and Pulmonary Function and Mobility Disability in Older Adults. <i>Journal of Racial and Ethnic Health Disparities</i> , 2021 , 1	3-5
3	Differential association of Alzheimer's disease and related neurodegenerative and vascular pathologies with grip strength versus gait function.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e051387 ^{1,2}	
2	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	4-9
1	0277 Deep learning revealed associations between altered temporal correlations in motor activity and Parkinson's risk. <i>Sleep</i> , 2022 , 45, A124-A125	1-1