

# Aron S Buchman

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5471190/aron-s-buchman-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Daytime napping and Alzheimer's dementia: A potential bidirectional relationship.. <i>Alzheimer's and Dementia</i> , <b>2022</b> ,	1.2	2
218	Cortical Proteins and Individual Differences in Cognitive Resilience in Older Adults.. <i>Neurology</i> , <b>2022</b> ,	6.5	2
217	Mixed Neuropathologies, Neural Motor Resilience and Target Discovery for Therapies of Late-Life Motor Impairment.. <i>Frontiers in Human Neuroscience</i> , <b>2022</b> , 16, 853330	3.3	1
216	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> , <b>2022</b> , 9, 856260	4.9	
215	0277 Deep learning revealed associations between altered temporal correlations in motor activity and Parkinson's risk. <i>Sleep</i> , <b>2022</b> , 45, A124-A125	1.1	
214	Microglial correlates of late life physical activity: Relationship with synaptic and cognitive aging in older adults. <i>Journal of Neuroscience</i> , <b>2021</b> ,	6.6	4
213	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> , <b>2021</b> , 13, e12245	5.2	
212	Association of White Matter Hyperintensities With Pathology and Progression of Parkinsonism in Aging. <i>JAMA Neurology</i> , <b>2021</b> , 78, 1494-1502	17.2	0
211	Systemic brain derived neurotrophic factor but not intestinal barrier integrity is associated with cognitive decline and incident Alzheimer's disease. <i>PLoS ONE</i> , <b>2021</b> , 16, e0240342	3.7	1
210	Quantitative mobility measures complement the MDS-UPDRS for characterization of Parkinson's disease heterogeneity. <i>Parkinsonism and Related Disorders</i> , <b>2021</b> , 84, 105-111	3.6	3
209	Novel Variance-Component TWAS method for studying complex human diseases with applications to Alzheimer's dementia. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009482	6	2
208	Cortical proteins may provide motor resilience in older adults. <i>Scientific Reports</i> , <b>2021</b> , 11, 11311	4.9	2
207	246 Maintenance of Circadian/Daily Activity Patterns and Cognitive Resilience to Alzheimer's Pathology in Late Life. <i>Sleep</i> , <b>2021</b> , 44, A99-A100	1.1	
206	Sarcopenia is associated with incident Alzheimer's dementia, mild cognitive impairment, and cognitive decline. <i>Journal of the American Geriatrics Society</i> , <b>2021</b> , 69, 1826-1835	5.6	14
205	Association of Lewy Bodies With Age-Related Clinical Characteristics in Black and White Decedents. <i>Neurology</i> , <b>2021</b> , 97, e825-e835	6.5	1
204	Dietary Patterns and Individual Parkinsonian Signs Among Biracial Population of Older Adults. <i>Current Developments in Nutrition</i> , <b>2021</b> , 5, 1-1	0.4	0
203	Late-Life Vascular Risk Score in Association With Postmortem Cerebrovascular Disease Brain Pathologies. <i>Stroke</i> , <b>2021</b> , 52, 2060-2067	6.7	1

202	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> , <b>2021</b> , 10, e019037	6	3
201	Disrupted Rest-Activity Rhythms and Cerebral Small Vessel Disease Pathology in Older Adults. <i>Stroke</i> , <b>2021</b> , 52, 2427-2431	6.7	3
200	Person-Specific Contributions of Brain Pathologies to Progressive Parkinsonism in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 615-621	6.4	11
199	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> , <b>2021</b> , 76, 101-107	6.4	0
198	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , <b>2021</b> , 12, 654	17.4	10
197	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> , <b>2021</b> , 76, 1340-1345	6.4	0
196	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> , <b>2021</b> , 16, e0245680	3.7	1
195	Incident mobility disability, parkinsonism, and mortality in community-dwelling older adults. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246206	3.7	2
194	Physical activity, brain tissue microstructure, and cognition in older adults. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253484	3.7	1
193	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> , <b>2021</b> , 1	3.5	
192	The association of epigenetic clocks in brain tissue with brain pathologies and common aging phenotypes. <i>Neurobiology of Disease</i> , <b>2021</b> , 157, 105428	7.5	5
191	Diverse Motor Performances Are Related to Incident Cognitive Impairment in Community-Dwelling Older Adults. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 717139	5.3	2
190	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> , <b>2021</b> , 83, 641-652	4.3	1
189	Neuropathologic Correlates of Human Cortical Proteins in Alzheimer Disease and Related Dementias. <i>Neurology</i> , <b>2021</b> ,	6.5	0
188	Differential association of Alzheimer's disease and related neurodegenerative and vascular pathologies with grip strength versus gait function. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17 Suppl 3, e051387 <sup>1,2</sup>	1.2	
187	Associations Between Cardiovascular Risk, Structural Brain Changes, and Cognitive Decline. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 2525-2534	15.1	43
186	Fragmentation of Rest/Activity Patterns in Community-Based Elderly Individuals Predicts Incident Heart Failure. <i>Nature and Science of Sleep</i> , <b>2020</b> , 12, 299-307	3.6	6
185	Total daily physical activity, brain pathologies, and parkinsonism in older adults. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232404	3.7	5

184	Association of Low Systolic Blood Pressure with Postmortem Amyloid- $\beta$ and Tau. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 78, 1755-1764	4.3	2
183	Deterioration in Motor Function Over Time in Older Adults With Type 2 Diabetes is Associated with Accelerated Cognitive Decline. <i>Endocrine Practice</i> , <b>2020</b> , 26, 1143-1152	3.2	6
182	Motor and Pulmonary Function and Mobility Disability Among Black and White Older Adults With and Without HIV. <i>Innovation in Aging</i> , <b>2020</b> , 4, 232-232	0.1	78
181	Dietary antioxidants associated with slower progression of parkinsonian signs in older adults. <i>Nutritional Neuroscience</i> , <b>2020</b> , 1-8	3.6	5
180	What happens before the first step? A New Approach to Quantifying Gait Initiation Using a Wearable Sensor. <i>Gait and Posture</i> , <b>2020</b> , 76, 128-135	2.6	6
179	Neuropathologic burden and the degree of frailty in relation to global cognition and dementia. <i>Neurology</i> , <b>2020</b> , 95, e3269-e3279	6.5	17
178	Bayesian Genome-wide TWAS Method to Leverage both cis- and trans-eQTL Information through Summary Statistics. <i>American Journal of Human Genetics</i> , <b>2020</b> , 107, 714-726	11	7
177	Semiautomatic morphometric analysis of skeletal muscle obtained by needle biopsy in older adults. <i>GeroScience</i> , <b>2020</b> , 42, 1431-1443	8.9	3
176	Circadian disturbances in Alzheimer's disease progression: a prospective observational cohort study of community-based older adults. <i>The Lancet Healthy Longevity</i> , <b>2020</b> , 1, e96-e105	9.5	24
175	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> , <b>2020</b> , 9, e017346	6	6
174	Association of Heel Bone Mineral Density With Incident Disability and Mortality in Community-Dwelling Older Adults. <i>JBMR Plus</i> , <b>2020</b> , 4, e10390	3.9	1
173	Representation of Older Latinxs in Cohort Studies at the Rush Alzheimer's Disease Center. <i>Neuroepidemiology</i> , <b>2020</b> , 54, 404-418	5.4	5
172	Brain pathologies are associated with both the rate and variability of declining motor function in older adults. <i>Acta Neuropathologica</i> , <b>2020</b> , 140, 587-589	14.3	5
171	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> , <b>2020</b> , 75, 702-711	6.4	10
170	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> , <b>2020</b> , 75, 1176-1183	6.4	18
169	Neocortical Lewy bodies are associated with impaired odor identification in community-dwelling elders without clinical PD. <i>Journal of Neurology</i> , <b>2019</b> , 266, 3108-3118	5.5	5
168	Interaction between the progression of Alzheimer's disease and fractal degradation. <i>Neurobiology of Aging</i> , <b>2019</b> , 83, 21-30	5.6	9
167	Genetic risk for Alzheimer's dementia predicts motor deficits through multi-omic systems in older adults. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 241	8.6	2

166	Cognition may link cortical IGFBP5 levels with motor function in older adults. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220968	3.7	6
165	Antiphospholipid Antibodies: Cognitive and Motor Decline, Neuroimaging and Neuropathology. <i>Neuroepidemiology</i> , <b>2019</b> , 53, 100-107	5.4	5
164	Expanding instrumented gait testing in the community setting: A portable, depth-sensing camera captures joint motion in older adults. <i>PLoS ONE</i> , <b>2019</b> , 14, e0215995	3.7	7
163	0037 Degraded Circadian Regulation Predicts Incident Physical Disability and All-Cause Mortality in Community-Based Older Adults. <i>Sleep</i> , <b>2019</b> , 42, A15-A15	1.1	
162	Incident Mobility Disability, Mild Cognitive Impairment, and Mortality in Community-Dwelling Older Adults. <i>Neuroepidemiology</i> , <b>2019</b> , 53, 55-62	5.4	11
161	Progressive parkinsonism in older adults is related to the burden of mixed brain pathologies. <i>Neurology</i> , <b>2019</b> , 92, e1821-e1830	6.5	58
160	Hippocampal gene expression patterns linked to late-life physical activity oppose age and AD-related transcriptional decline. <i>Neurobiology of Aging</i> , <b>2019</b> , 78, 142-154	5.6	20
159	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> , <b>2019</b> , 42, A123-A123	1.1	4
158	Quantitative mobility metrics from a wearable sensor predict incident parkinsonism in older adults. <i>Parkinsonism and Related Disorders</i> , <b>2019</b> , 65, 190-196	3.6	15
157	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 276-287	7	24
156	More random motor activity fluctuations predict incident frailty, disability, and mortality. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	14
155	0305 Degraded Fractal Activity Regulation and Incident Parkinsonism in Community-Based Older Adults. <i>Sleep</i> , <b>2019</b> , 42, A124-A126	1.1	
154	AUTOMATIC QUANTIFICATION OF TANDEM WALKING USING A WEARABLE DEVICE: VALIDITY OF THE INSTRUMENTED TANDEM WALK. <i>Innovation in Aging</i> , <b>2019</b> , 3, S335-S335	0.1	1
153	0283 Sleep Fragmentation Predicts Risk of Congestive Heart Failure in Community-Based Older Adults. <i>Sleep</i> , <b>2019</b> , 42, A115-A115	1.1	
152	Sleep fragmentation, microglial aging, and cognitive impairment in adults with and without Alzheimer’s dementia. <i>Science Advances</i> , <b>2019</b> , 5, eaax7331	14.3	22
151	Spinal motor neurons and motor function in older adults. <i>Journal of Neurology</i> , <b>2019</b> , 266, 174-182	5.5	3
150	Physical activity, common brain pathologies, and cognition in community-dwelling older adults. <i>Neurology</i> , <b>2019</b> , 92, e811-e822	6.5	31
149	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> , <b>2019</b> , 67, 224-229	2.6	17

148	APOE genotypes as a risk factor for age-dependent accumulation of cerebrovascular disease in older adults. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 258-266	1.2	8
147	Dietary Patterns and Self-reported Incident Disability in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 1331-1337	6.4	11
146	Do subjects with minimal motor features have prodromal Parkinson disease?. <i>Annals of Neurology</i> , <b>2018</b> , 83, 562-574	9.4	25
145	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> , <b>2018</b> , 73, 636-642	6.4	24
144	Brain pathology is related to total daily physical activity in older adults. <i>Neurology</i> , <b>2018</b> , 90, e1911-e1919	5	19
143	Spinal Lewy body pathology in older adults without an antemortem diagnosis of Parkinson's disease. <i>Brain Pathology</i> , <b>2018</b> , 28, 560-568	6	12
142	Fractal regulation and incident Alzheimer's disease in elderly individuals. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 1114-1125	1.2	21
141	APOE genotype, incident AD and MCI, cognitive decline, and AD pathology in older adults. <i>Neurology</i> , <b>2018</b> , 90, e2127-e2134	6.5	25
140	Targeted brain proteomics uncover multiple pathways to Alzheimer's dementia. <i>Annals of Neurology</i> , <b>2018</b> , 84, 78-88	9.4	56
139	Religious Orders Study and Rush Memory and Aging Project. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 64, S161-S189	4.3	304
138	S1-01-03: ANALYSIS OF DATA FROM WEARABLE DEVICES <b>2018</b> , 14, P198-P198		
137	Seasonal plasticity of cognition and related biological measures in adults with and without Alzheimer disease: Analysis of multiple cohorts. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002647	11.6	22
136	Watershed microinfarct pathology and cognition in older persons. <i>Neurobiology of Aging</i> , <b>2018</b> , 70, 10-17	5.6	21
135	The Relationship of Cerebral Vessel Pathology to Brain Microinfarcts. <i>Brain Pathology</i> , <b>2017</b> , 27, 77-85	6	89
134	Ex vivo MRI transverse relaxation in community based older persons with and without Alzheimer's dementia. <i>Behavioural Brain Research</i> , <b>2017</b> , 322, 233-240	3.4	10
133	Author response: Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , <b>2017</b> , 88, 920	6.5	1
132	Author response: Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , <b>2017</b> , 88, 919-920	6.5	1
131	Alzheimer's brains show inter-related changes in RNA and lipid metabolism. <i>Neurobiology of Disease</i> , <b>2017</b> , 106, 1-13	7.5	28

130	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> , <b>2017</b> , 74, 1473-1480 <sup>15</sup>	17.2	15
129	Spinal Arteriosclerosis Is Common in Older Adults and Associated With Parkinsonism. <i>Stroke</i> , <b>2017</b> , 48, 2792-2798	6.7	12
128	A translational approach to capture gait signatures of neurological disorders in mice and humans. <i>Scientific Reports</i> , <b>2017</b> , 7, 3225	4.9	35
127	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , <b>2017</b> , 8, 80	17.4	88
126	Sleep fragmentation and Parkinson's disease pathology in older adults without Parkinson's disease. <i>Movement Disorders</i> , <b>2017</b> , 32, 1729-1737	7	30
125	[P1063]: WATERSHED MICROINFARCT PATHOLOGY AND COGNITION IN OLDER PERSONS <b>2017</b> , 13, P464-P465		
124	A novel approach for assigning levels to monkey and human lumbosacral spinal cord based on ventral horn morphology. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177243	3.7	6
123	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , <b>2017</b> , 9, 209-246	5.6	16
122	Haptoglobin 1-1 Genotype Modulates the Association of Glycemic Control With Hippocampal Volume in Elderly Individuals With Type 2 Diabetes. <i>Diabetes</i> , <b>2017</b> , 66, 2927-2932	0.9	9
121	Urinary Incontinence, Incident Parkinsonism, and Parkinson's Disease Pathology in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1295-1301	6.4	2
120	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> , <b>2016</b> , 71, 549-56	6.4	40
119	Common variants in DRD2 are associated with sleep duration: the CARE consortium. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 167-79	5.6	37
118	Transition Between the Timed up and Go Turn to Sit Subtasks: Is Timing Everything?. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 864.e9-864.e15	5.9	15
117	Relation of genomic variants for Alzheimer disease dementia to common neuropathologies. <i>Neurology</i> , <b>2016</b> , 87, 489-96	6.5	39
116	Regional Neocortical Gray Matter Structure and Sleep Fragmentation in Older Adults. <i>Sleep</i> , <b>2016</b> , 39, 227-35	1.1	51
115	Antihypertensive and Statin Medication Use and Motor Function in Community-Dwelling Older Adults. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 220-4	5.9	2
114	Sleep Fragmentation, Cerebral Arteriosclerosis, and Brain Infarct Pathology in Community-Dwelling Older People. <i>Stroke</i> , <b>2016</b> , 47, 516-8	6.7	38
113	Higher brain BDNF gene expression is associated with slower cognitive decline in older adults. <i>Neurology</i> , <b>2016</b> , 86, 735-41	6.5	119



112	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , <b>2016</b> , 7, 10495	17.4	180
111	Motor Function Is Associated With Incident Disability in Older African Americans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 696-702	6.4	8
110	Self-Reported Sleep in Older African Americans and White Americans. <i>Ethnicity and Disease</i> , <b>2016</b> , 26, 521-528	1.8	13
109	The Role of MAPT Haplotype H2 and Isoform 1N/4R in Parkinsonism of Older Adults. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157452	3.7	19
108	Postmortem MRI: a novel window into the neurobiology of late life cognitive decline. <i>Neurobiology of Aging</i> , <b>2016</b> , 45, 169-177	5.6	22
107	Response to Letter Regarding Article, "Sleep Fragmentation, Cerebral Arteriolosclerosis, and Brain Infarct Pathology in Community-Dwelling Older People". <i>Stroke</i> , <b>2016</b> , 47, e175	6.7	
106	GWAS analysis of handgrip and lower body strength in older adults in the CHARGE consortium. <i>Aging Cell</i> , <b>2016</b> , 15, 792-800	9.9	33
105	Incident parkinsonism in older adults without Parkinson disease. <i>Neurology</i> , <b>2016</b> , 87, 1036-44	6.5	45
104	Mixed pathology is more likely in black than white decedents with Alzheimer dementia. <i>Neurology</i> , <b>2015</b> , 85, 528-34	6.5	97
103	Irregular 24-hour activity rhythms and the metabolic syndrome in older adults. <i>Chronobiology International</i> , <b>2015</b> , 32, 802-13	3.6	44
102	GWAS of longevity in CHARGE consortium confirms APOE and FOXO3 candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 110-8	6.4	188
101	Change in motor function and adverse health outcomes in older African-Americans. <i>Experimental Gerontology</i> , <b>2015</b> , 70, 71-7	4.5	10
100	Temporal course and pathologic basis of unawareness of memory loss in dementia. <i>Neurology</i> , <b>2015</b> , 85, 984-91	6.5	70
99	APOE and cerebral amyloid angiopathy in community-dwelling older persons. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2946-2953	5.6	52
98	At the interface of sensory and motor dysfunctions and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, 70-98	1.2	271
97	Negative social interactions and risk of mild cognitive impairment in old age. <i>Neuropsychology</i> , <b>2015</b> , 29, 561-70	3.8	40
96	Suprachiasmatic neuron numbers and rest-activity circadian rhythms in older humans. <i>Annals of Neurology</i> , <b>2015</b> , 78, 317-22	9.4	116
95	βSynuclein pathology accumulates in sacral spinal visceral sensory pathways. <i>Annals of Neurology</i> , <b>2015</b> , 78, 142-9	9.4	31



94	Post-mortem brain pathology is related to declining respiratory function in community-dwelling older adults. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 197	5.3	11
93	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> , <b>2015</b> , 11, e1005378	6	220
92	Total daily activity declines more rapidly with increasing age in older adults. <i>Archives of Gerontology and Geriatrics</i> , <b>2014</b> , 58, 74-9	4	46
91	Sleep is related to neuron numbers in the ventrolateral preoptic/intermediate nucleus in older adults with and without Alzheimer's disease. <i>Brain</i> , <b>2014</b> , 137, 2847-61	11.2	104
90	Harm avoidance is associated with progression of parkinsonism in community-dwelling older adults: a prospective cohort study. <i>BMC Geriatrics</i> , <b>2014</b> , 14, 54	4.1	7
89	Harm avoidance and cerebral infarction. <i>Neuropsychology</i> , <b>2014</b> , 28, 305-11	3.8	9
88	P4-377: A TOMM40 SNP IN APOE E4 NON-CARRIERS INCREASES RISK FOR MULTIPLE TYPES OF DEMENTIA <b>2014</b> , 10, P926-P926		
87	Associations between quantitative mobility measures derived from components of conventional mobility testing and Parkinsonian gait in older adults. <i>PLoS ONE</i> , <b>2014</b> , 9, e86262	3.7	30
86	24-hour rhythms of DNA methylation and their relation with rhythms of RNA expression in the human dorsolateral prefrontal cortex. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004792	6	67
85	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> , <b>2014</b> , 69, 1536-44	6.4	113
84	Motoric cognitive risk syndrome: Multicenter incidence study. <i>Neurology</i> , <b>2014</b> , 83, 2278-84	6.5	93
83	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> , <b>2014</b> , 62, 673-8	5.6	89
82	Association of Parkinson disease risk loci with mild parkinsonian signs in older persons. <i>JAMA Neurology</i> , <b>2014</b> , 71, 429-35	17.2	31
81	Sleep complaints and incident disability in a community-based cohort study of older persons. <i>American Journal of Geriatric Psychiatry</i> , <b>2014</b> , 22, 718-26	6.5	26
80	Cellular, synaptic, and biochemical features of resilient cognition in Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 157-68	5.6	60
79	APOE $\epsilon$ increases risk for dementia in pure synucleinopathies. <i>JAMA Neurology</i> , <b>2013</b> , 70, 223-8	17.2	243
78	Neuroticism, extraversion, and motor function in community-dwelling older persons. <i>American Journal of Geriatric Psychiatry</i> , <b>2013</b> , 21, 145-54	6.5	16
77	Microvascular brain pathology and late-life motor impairment. <i>Neurology</i> , <b>2013</b> , 80, 712-8	6.5	47

76	Brainstem aminergic nuclei and late-life depressive symptoms. <i>JAMA Psychiatry</i> , <b>2013</b> , 70, 1320-8	14.5	37
75	Poor decision making is associated with an increased risk of mortality among community-dwelling older persons without dementia. <i>Neuroepidemiology</i> , <b>2013</b> , 40, 247-52	5.4	30
74	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> , <b>2013</b> , 70, 1544-51	17.2	167
73	Cognitive decline impairs financial and health literacy among community-based older persons without dementia. <i>Psychology and Aging</i> , <b>2013</b> , 28, 614-24	3.6	78
72	Neural reserve, neuronal density in the locus ceruleus, and cognitive decline. <i>Neurology</i> , <b>2013</b> , 80, 1202-8.5	8.5	157
71	Association of brain pathology with the progression of frailty in older adults. <i>Neurology</i> , <b>2013</b> , 80, 2055-61.5	61.5	116
70	Functional connectivity networks associated with chronic musculoskeletal pain in old age. <i>International Journal of Geriatric Psychiatry</i> , <b>2013</b> , 28, 858-67	3.9	13
69	Sex difference in daily rhythms of clock gene expression in the aged human cerebral cortex. <i>Journal of Biological Rhythms</i> , <b>2013</b> , 28, 117-29	3.2	36
68	Sleep Fragmentation and the Risk of Incident Alzheimer's Disease and Cognitive Decline in Older Persons. <i>Sleep</i> , <b>2013</b> , 36, 1027-1032	1.1	394
67	Antiphospholipid antibodies, brain infarcts, and cognitive and motor decline in aging (ABICMA): design of a community-based, longitudinal, clinical-pathological study. <i>Neuroepidemiology</i> , <b>2013</b> , 40, 73-84	5.4	12
66	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> , <b>2013</b> , 8, e68885	3.7	56
65	Resilient brain aging: characterization of discordance between Alzheimer's disease pathology and cognition. <i>Current Alzheimer Research</i> , <b>2013</b> , 10, 844-51	3	46
64	Nigral pathology and parkinsonian signs in elders without Parkinson disease. <i>Annals of Neurology</i> , <b>2012</b> , 71, 258-66	9.4	137
63	Relation of neuropathology to cognition in persons without cognitive impairment. <i>Annals of Neurology</i> , <b>2012</b> , 72, 599-609	9.4	153
62	Locus coeruleus neuron density and parkinsonism in older adults without Parkinson's disease. <i>Movement Disorders</i> , <b>2012</b> , 27, 1625-31	7	32
61	A common polymorphism near PER1 and the timing of human behavioral rhythms. <i>Annals of Neurology</i> , <b>2012</b> , 72, 324-34	9.4	38
60	Association of total daily physical activity with disability in community-dwelling older persons: a prospective cohort study. <i>BMC Geriatrics</i> , <b>2012</b> , 12, 63	4.1	45
59	Risk Aversion is Associated with Decision Making among Community-Based Older Persons. <i>Frontiers in Psychology</i> , <b>2012</b> , 3, 205	3.4	36

58	Overview and findings from the rush Memory and Aging Project. <i>Current Alzheimer Research</i> , <b>2012</b> , 9, 646-63	3	529
57	Terminal decline in motor function. <i>Psychology and Aging</i> , <b>2012</b> , 27, 998-1007	3.6	46
56	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> , <b>2012</b> , 26, 238-45	2.5	27
55	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> , <b>2012</b> , 69, 499-505		130
54	Increased fragmentation of rest-activity patterns is associated with a characteristic pattern of cognitive impairment in older individuals. <i>Sleep</i> , <b>2012</b> , 35, 633-40B	1.1	61
53	Total daily physical activity and longevity in old age. <i>Archives of Internal Medicine</i> , <b>2012</b> , 172, 444-6		30
52	Life space and risk of Alzheimer disease, mild cognitive impairment, and cognitive decline in old age. <i>American Journal of Geriatric Psychiatry</i> , <b>2011</b> , 19, 961-9	6.5	101
51	Harm avoidance and risk of Alzheimer's disease. <i>Psychosomatic Medicine</i> , <b>2011</b> , 73, 690-6	3.7	19
50	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> , <b>2011</b> , 9, 42	11.4	47
49	Loss of motor function in preclinical Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , <b>2011</b> , 11, 665-76	4.3	136
48	CR1 is associated with amyloid plaque burden and age-related cognitive decline. <i>Annals of Neurology</i> , <b>2011</b> , 69, 560-9	9.4	128
47	Cognitive function is associated with the development of mobility impairments in community-dwelling elders. <i>American Journal of Geriatric Psychiatry</i> , <b>2011</b> , 19, 571-80	6.5	89
46	Cerebrovascular disease pathology and parkinsonian signs in old age. <i>Stroke</i> , <b>2011</b> , 42, 3183-9	6.7	86
45	Quantification of the fragmentation of rest-activity patterns in elderly individuals using a state transition analysis. <i>Sleep</i> , <b>2011</b> , 34, 1569-81	1.1	47
44	Musculoskeletal pain is associated with incident mobility disability in community-dwelling elders. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2011</b> , 66, 82-8	6.4	61
43	Lewy bodies and olfactory dysfunction in old age. <i>Chemical Senses</i> , <b>2011</b> , 36, 367-73	4.8	65
42	The APOE epsilon4 allele is associated with incident mild cognitive impairment among community-dwelling older persons. <i>Neuroepidemiology</i> , <b>2010</b> , 34, 43-9	5.4	67
41	Purpose in life is associated with a reduced risk of incident disability among community-dwelling older persons. <i>American Journal of Geriatric Psychiatry</i> , <b>2010</b> , 18, 1093-102	6.5	100

40	Musculoskeletal pain and incident disability in community-dwelling older adults. <i>Arthritis Care and Research</i> , <b>2010</b> , 62, 1287-93	4.7	55
39	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> , <b>2010</b> , 10, 77	4.1	57
38	Physical frailty is associated with incident mild cognitive impairment in community-based older persons. <i>Journal of the American Geriatrics Society</i> , <b>2010</b> , 58, 248-55	5.6	305
37	Regional brain cortical thinning and systemic inflammation in older persons without dementia. <i>Journal of the American Geriatrics Society</i> , <b>2010</b> , 58, 1823-5	5.6	14
36	Association between life space and risk of mortality in advanced age. <i>Journal of the American Geriatrics Society</i> , <b>2010</b> , 58, 1925-30	5.6	69
35	Pulmonary function, muscle strength, and incident mobility disability in elders. <i>Proceedings of the American Thoracic Society</i> , <b>2009</b> , 6, 581-7		54
34	Kidney function is associated with the rate of cognitive decline in the elderly. <i>Neurology</i> , <b>2009</b> , 73, 920-76.5		168
33	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> , <b>2009</b> , 66, 1339-44		224
32	Change in frailty and risk of death in older persons. <i>Experimental Aging Research</i> , <b>2009</b> , 35, 61-82	1.7	88
31	Vibratory thresholds and mobility in older persons. <i>Muscle and Nerve</i> , <b>2009</b> , 39, 754-60	3.4	21
30	Olfactory impairment in presymptomatic Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1170, 730-5	6.5	140
29	Visuoperceptual repetition priming and progression of parkinsonian signs in aging. <i>Neurobiology of Aging</i> , <b>2009</b> , 30, 441-9	5.6	6
28	Purpose in life is associated with mortality among community-dwelling older persons. <i>Psychosomatic Medicine</i> , <b>2009</b> , 71, 574-9	3.7	276
27	Apolipoprotein E e4 allele is associated with more rapid motor decline in older persons. <i>Alzheimer Disease and Associated Disorders</i> , <b>2009</b> , 23, 63-9	2.5	53
26	Association between late-life social activity and motor decline in older adults. <i>Archives of Internal Medicine</i> , <b>2009</b> , 169, 1139-46		154
25	Pulmonary function, muscle strength and mortality in old age. <i>Mechanisms of Ageing and Development</i> , <b>2008</b> , 129, 625-31	5.6	66
24	Total daily activity is associated with cognition in older persons. <i>American Journal of Geriatric Psychiatry</i> , <b>2008</b> , 16, 697-701	6.5	61
23	Physical frailty in older persons is associated with Alzheimer disease pathology. <i>Neurology</i> , <b>2008</b> , 71, 499-504	6.5	168

22	Respiratory muscle strength predicts decline in mobility in older persons. <i>Neuroepidemiology</i> , <b>2008</b> , 31, 174-80	5.4	38
21	Odor identification and progression of parkinsonian signs in older persons. <i>Experimental Aging Research</i> , <b>2008</b> , 34, 173-87	1.7	19
20	Change in motor function and risk of mortality in older persons. <i>Journal of the American Geriatrics Society</i> , <b>2007</b> , 55, 11-9	5.6	64
19	Physical activity is associated with incident disability in community-based older persons. <i>Journal of the American Geriatrics Society</i> , <b>2007</b> , 55, 195-201	5.6	114
18	Physical activity and leg strength predict decline in mobility performance in older persons. <i>Journal of the American Geriatrics Society</i> , <b>2007</b> , 55, 1618-23	5.6	60
17	Grip strength and the risk of incident Alzheimer's disease. <i>Neuroepidemiology</i> , <b>2007</b> , 29, 66-73	5.4	106
16	Frailty is associated with incident Alzheimer's disease and cognitive decline in the elderly. <i>Psychosomatic Medicine</i> , <b>2007</b> , 69, 483-9	3.7	264
15	Correlates of life space in a volunteer cohort of older adults. <i>Experimental Aging Research</i> , <b>2007</b> , 33, 77-93	3.7	95
14	Eosinophilia, myositis, and myasthenia gravis associated with a thymoma. <i>Muscle and Nerve</i> , <b>2006</b> , 34, 242-5	3.4	13
13	Harm avoidance and disability in old age. <i>Experimental Aging Research</i> , <b>2006</b> , 32, 243-61	1.7	19
12	Enhancement of motor rehabilitation through the use of information technologies. <i>Clinical Biomechanics</i> , <b>2006</b> , 21, 8-20	2.2	29
11	Gender differences in upper extremity motor performance of older persons. <i>Geriatrics and Gerontology International</i> , <b>2005</b> , 5, 59-65	2.9	16
10	Botulinum toxin injections for children with excessive drooling. <i>Journal of Child Neurology</i> , <b>2005</b> , 20, 120-3	2.5	47
9	The Rush Memory and Aging Project: study design and baseline characteristics of the study cohort. <i>Neuroepidemiology</i> , <b>2005</b> , 25, 163-75	5.4	300
8	Stiff-person syndrome following West Nile fever. <i>Archives of Neurology</i> , <b>2004</b> , 61, 938-41		46
7	Effect of age and gender in the control of elbow flexion movements. <i>Journal of Motor Behavior</i> , <b>2000</b> , 32, 391-9	1.4	19
6	The effect of changes in head posture on the patterns of muscle activity in cervical dystonia (CD). <i>Movement Disorders</i> , <b>1998</b> , 13, 490-6	7	11
5	Defective preprogramming does not account for the clinical deficits of Parkinson's disease. <i>Behavioral and Brain Sciences</i> , <b>1996</b> , 19, 73-74	0.9	1

4	Determining a Dose-Effect Curve for Botulinum Toxin in the Sternocleidomastoid Muscle in Cervical Dystonia. <i>Clinical Neuropharmacology</i> , <b>1994</b> , 17, 188-195	1.4	13
3	Quantitative electromyographic analysis of changes in muscle activity following botulinum toxin therapy for cervical dystonia. <i>Clinical Neuropharmacology</i> , <b>1993</b> , 16, 205-10	1.4	24
2	Metrizamide and its neurologic complications. <i>Clinical Neuropharmacology</i> , <b>1987</b> , 10, 1-25	1.4	9
1	Hemorrhagic complications after the lumbar injection of chymopapain. <i>Neurosurgery</i> , <b>1985</b> , 16, 222-4	3.2	7