

# Jeffrey A Kaye

## List of Publications by Citations

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264  
papers

25,700  
citations

71  
h-index

157  
g-index

286  
ext. papers

30,604  
ext. citations

5.9  
avg, IF

6.39  
L-index

#	Paper	IF	Citations
264	Toward defining the preclinical stages of Alzheimer's disease: recommendations from the National Institute on Aging-Alzheimer's Association workgroups on diagnostic guidelines for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2011</b> , 7, 280-92	1.2	4210
263	Vitamin E and donepezil for the treatment of mild cognitive impairment. <i>New England Journal of Medicine</i> , <b>2005</b> , 352, 2379-88	59.2	1444
262	Common variants at MS4A4/MS4A6E, CD2AP, CD33 and EPHA1 are associated with late-onset Alzheimer's disease. <i>Nature Genetics</i> , <b>2011</b> , 43, 436-41	36.3	1367
261	The ageing systemic milieu negatively regulates neurogenesis and cognitive function. <i>Nature</i> , <b>2011</b> , 477, 90-4	50.4	1119
260	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A $\beta$ , tau, immunity and lipid processing. <i>Nature Genetics</i> , <b>2019</b> , 51, 414-430	36.3	917
259	Classification and prediction of clinical Alzheimer's diagnosis based on plasma signaling proteins. <i>Nature Medicine</i> , <b>2007</b> , 13, 1359-62	50.5	813
258	Mild cognitive impairment can be distinguished from Alzheimer disease and normal aging for clinical trials. <i>Archives of Neurology</i> , <b>2004</b> , 61, 59-66		718
257	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , <b>2017</b> , 49, 1373-1384	36.3	508
256	Neuropathology of nondemented aging: presumptive evidence for preclinical Alzheimer disease. <i>Neurobiology of Aging</i> , <b>2009</b> , 30, 1026-36	5.6	485
255	The efficacy of Ginkgo biloba on cognitive function in Alzheimer disease. <i>Archives of Neurology</i> , <b>1998</b> , 55, 1409-15		481
254	Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. <i>Nature Genetics</i> , <b>2010</b> , 42, 234-9	36.3	361
253	Context processing in older adults: Evidence for a theory relating cognitive control to neurobiology in healthy aging.. <i>Journal of Experimental Psychology: General</i> , <b>2001</b> , 130, 746-763	4.7	314
252	A multicenter, placebo-controlled trial of melatonin for sleep disturbance in Alzheimer's disease. <i>Sleep</i> , <b>2003</b> , 26, 893-901	1.1	313
251	The trajectory of gait speed preceding mild cognitive impairment. <i>Archives of Neurology</i> , <b>2010</b> , 67, 980-6		307
250	Co-morbidity of TDP-43 proteinopathy in Lewy body related diseases. <i>Acta Neuropathologica</i> , <b>2007</b> , 114, 221-9	14.3	307
249	Cerebrospinal fluid tau and beta-amyloid: how well do these biomarkers reflect autopsy-confirmed dementia diagnoses?. <i>Archives of Neurology</i> , <b>2003</b> , 60, 1696-702		295
248	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

247	Status of computerized cognitive testing in aging: a systematic review. <i>Alzheimer's and Dementia</i> , <b>2008</b> , 4, 428-37	1.2	271
246	Independent predictors of cognitive decline in healthy elderly persons. <i>Archives of Neurology</i> , <b>2002</b> , 59, 601-6		259
245	Parkinson's disease is associated with hippocampal atrophy. <i>Movement Disorders</i> , <b>2003</b> , 18, 784-90	7	245
244	APOE $\epsilon$ increases risk for dementia in pure synucleinopathies. <i>JAMA Neurology</i> , <b>2013</b> , 70, 223-8	17.2	243
243	Amyloid beta peptides in human plasma and tissues and their significance for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2009</b> , 5, 18-29	1.2	232
242	Prefrontal gray and white matter volumes in healthy aging and Alzheimer disease. <i>Archives of Neurology</i> , <b>1999</b> , 56, 338-44		214
241	Aging and cytomegalovirus infection differentially and jointly affect distinct circulating T cell subsets in humans. <i>Journal of Immunology</i> , <b>2014</b> , 192, 2143-55	5.3	208
240	Association of Perivascular Localization of Aquaporin-4 With Cognition and Alzheimer Disease in Aging Brains. <i>JAMA Neurology</i> , <b>2017</b> , 74, 91-99	17.2	198
239	A clinical pathological comparison of three families with frontotemporal dementia and identical mutations in the tau gene (P301L). <i>Brain</i> , <b>1999</b> , 122 ( Pt 4), 741-56	11.2	192
238	Intelligent Systems For Assessing Aging Changes: home-based, unobtrusive, and continuous assessment of aging. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , <b>2011</b> , 66 Suppl 1, i180-90	4.6	188
237	A novel Alzheimer disease locus located near the gene encoding tau protein. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 108-17	15.1	175
236	Imaging markers for Alzheimer disease: which vs how. <i>Neurology</i> , <b>2013</b> , 81, 487-500	6.5	173
235	A randomized placebo-controlled pilot trial of omega-3 fatty acids and alpha lipoic acid in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 38, 111-20	4.3	152
234	Medication adherence in healthy elders: small cognitive changes make a big difference. <i>Journal of Aging and Health</i> , <b>2009</b> , 21, 567-80	2.6	149
233	Spoken Language Derived Measures for Detecting Mild Cognitive Impairment. <i>IEEE Transactions on Audio Speech and Language Processing</i> , <b>2011</b> , 19, 2081-2090		145
232	Neuropathologic basis of white matter hyperintensity accumulation with advanced age. <i>Neurology</i> , <b>2013</b> , 81, 977-83	6.5	144
231	Uric acid as a CNS antioxidant. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 19, 1331-6	4.3	143
230	Peripheral F2-isoprostanes and F4-neuroprostanes are not increased in Alzheimer's disease. <i>Annals of Neurology</i> , <b>2002</b> , 52, 175-9	9.4	141

229	Safety and acceptability of the research lumbar puncture. <i>Alzheimer Disease and Associated Disorders</i> , <b>2005</b> , 19, 220-5	2.5	138
228	The EADC-ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: evidence of validity. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, 111-25	1.2	137
227	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. <i>JAMA Neurology</i> , <b>2014</b> , 71, 1394-404	17.2	129
226	Ecology of the aging human brain. <i>Archives of Neurology</i> , <b>2011</b> , 68, 1049-56		128
225	Novel late-onset Alzheimer disease loci variants associate with brain gene expression. <i>Neurology</i> , <b>2012</b> , 79, 221-8	6.5	124
224	Identification and validation of novel cerebrospinal fluid biomarkers for staging early Alzheimer's disease. <i>PLoS ONE</i> , <b>2011</b> , 6, e16032	3.7	124
223	Cognitive markers preceding Alzheimer's dementia in the healthy oldest old. <i>Journal of the American Geriatrics Society</i> , <b>1997</b> , 45, 584-9	5.6	122
222	Unobtrusive and ubiquitous in-home monitoring: a methodology for continuous assessment of gait velocity in elders. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2010</b> , 57, 813-20	5	119
221	Assessment of the genetic variance of late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2016</b> , 41, 200.e13-200.e20	5.6	119
220	Unobtrusive assessment of activity patterns associated with mild cognitive impairment. <i>Alzheimer's and Dementia</i> , <b>2008</b> , 4, 395-405	1.2	118
219	GBA mutations increase risk for Lewy body disease with and without Alzheimer disease pathology. <i>Neurology</i> , <b>2012</b> , 79, 1944-50	6.5	113
218	One walk a year to 1000 within a year: continuous in-home unobtrusive gait assessment of older adults. <i>Gait and Posture</i> , <b>2012</b> , 35, 197-202	2.6	113
217	Efficacy of cognitive rehabilitation therapies for mild cognitive impairment (MCI) in older adults: working toward a theoretical model and evidence-based interventions. <i>Neuropsychology Review</i> , <b>2013</b> , 23, 63-80	7.7	111
216	Trajectory of mild cognitive impairment onset. <i>Journal of the International Neuropsychological Society</i> , <b>2008</b> , 14, 192-8	3.1	109
215	Validity of the clinical dementia rating scale for the detection and staging of dementia in Brazilian patients. <i>Alzheimer Disease and Associated Disorders</i> , <b>2007</b> , 21, 210-7	2.5	109
214	Verbal fluency task affects gait in Parkinson's disease with motor freezing. <i>Journal of Geriatric Psychiatry and Neurology</i> , <b>1998</b> , 11, 181-5	3.8	109
213	Transethnic genome-wide scan identifies novel Alzheimer's disease loci. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 727-738	1.2	106
212	Age and apolipoprotein E*4 allele effects on cerebrospinal fluid beta-amyloid 42 in adults with normal cognition. <i>Archives of Neurology</i> , <b>2006</b> , 63, 936-9		105

211	Measurement of gelatinase B (MMP-9) in the cerebrospinal fluid of patients with vascular dementia and Alzheimer disease. <i>Stroke</i> , <b>2004</b> , 35, e159-62	6.7	103
210	Genetic and clinical features of progranulin-associated frontotemporal lobar degeneration. <i>Archives of Neurology</i> , <b>2011</b> , 68, 488-97		93
209	Empiric refinement of the pathologic assessment of Lewy-related pathology in the dementia patient. <i>Brain Pathology</i> , <b>2008</b> , 18, 220-4	6	89
208	Unobtrusive measurement of daily computer use to detect mild cognitive impairment. <i>Alzheimer's and Dementia</i> , <b>2014</b> , 10, 10-7	1.2	86
207	When Going Digital Becomes a Necessity: Ensuring Older Adults' Needs for Information, Services, and Social Inclusion During COVID-19. <i>Journal of Aging and Social Policy</i> , <b>2020</b> , 32, 460-470	7.4	84
206	Continuous Monitoring of Turning Mobility and Its Association to Falls and Cognitive Function: A Pilot Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 1102-8	6.4	84
205	Detecting cognitive changes in preclinical Alzheimer's disease: A review of its feasibility. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 468-492	1.2	84
204	Symptoms of sleep disturbance in persons with Alzheimer's disease and normal elderly. <i>Journal of Sleep Research</i> , <b>2005</b> , 14, 177-85	5.8	83
203	Dementia assessment in primary care: results from a study in three managed care systems. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2004</b> , 59, M621-6	6.4	80
202	Cognitive impairment risk: white matter hyperintensity progression matters. <i>Neurology</i> , <b>2009</b> , 73, 120-5	6.5	79
201	Suppression of longitudinal increase in CSF F2-isoprostanes in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2004</b> , 6, 93-7	4.3	79
200	Physical activity and the risk of dementia in oldest old. <i>Journal of Aging and Health</i> , <b>2007</b> , 19, 242-59	2.6	78
199	An electronic pillbox for continuous monitoring of medication adherence. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , <b>2006</b> , 2006, 6400-3		78
198	Willingness of older adults to share data and privacy concerns after exposure to unobtrusive in-home monitoring. <i>Gerontechnology</i> , <b>2013</b> , 11, 428-435	1.5	76
197	Age-related brain changes associated with motor function in healthy older people. <i>Journal of the American Geriatrics Society</i> , <b>1999</b> , 47, 330-4	5.6	76
196	Trajectory of white matter hyperintensity burden preceding mild cognitive impairment. <i>Neurology</i> , <b>2012</b> , 79, 741-7	6.5	75
195	Alzheimer disease pathology in cognitively healthy elderly: a genome-wide study. <i>Neurobiology of Aging</i> , <b>2011</b> , 32, 2113-22	5.6	75
194	Atrophy of the corpus callosum in Alzheimer's disease versus healthy aging. <i>Journal of the American Geriatrics Society</i> , <b>1996</b> , 44, 798-803	5.6	71

193	Neuropathologic basis of age-associated brain atrophy. <i>JAMA Neurology</i> , <b>2013</b> , 70, 616-22	17.2	69
192	Non-targeted lipidomics of CSF and frontal cortex grey and white matter in control, mild cognitive impairment, and Alzheimer's disease subjects. <i>Acta Neuropsychiatrica</i> , <b>2015</b> , 27, 270-8	3.9	65
191	Time Out-of-Home and Cognitive, Physical, and Emotional Wellbeing of Older Adults: A Longitudinal Mixed Effects Model. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139643	3.7	65
190	Multiple SNPs within and surrounding the apolipoprotein E gene influence cerebrospinal fluid apolipoprotein E protein levels. <i>Journal of Alzheimer's Disease</i> , <b>2008</b> , 13, 255-66	4.3	65
189	apoE isoforms and measures of anxiety in probable AD patients and Apoe <sup>-/-</sup> mice. <i>Neurobiology of Aging</i> , <b>2005</b> , 26, 637-43	5.6	65
188	Biomarkers for cognitive impairment and dementia in elderly people. <i>Lancet Neurology</i> , <b>2008</b> , 7, 704-14	24.1	64
187	A systematic review of clinician and staff views on the acceptability of incorporating remote monitoring technology into primary care. <i>Telemedicine Journal and E-Health</i> , <b>2014</b> , 20, 428-38	5.9	62
186	Recommended cognitive outcomes in preclinical Alzheimer's disease: Consensus statement from the European Prevention of Alzheimer's Dementia project. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 186-195	1.2	61
185	Trends in the prevalence of dementia in Japan. <i>International Journal of Alzheimer's Disease</i> , <b>2012</b> , 2012, 956354	3.7	61
184	Unobtrusive in-home detection of time spent out-of-home with applications to loneliness and physical activity. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2014</b> , 18, 1590-6	7.2	60
183	Web-enabled Conversational Interactions as a Means to Improve Cognitive Functions: Results of a 6-Week Randomized Controlled Trial. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2015</b> , 1, 1-12	6	59
182	Assessment of cognition in mild cognitive impairment: a comparative study. <i>Alzheimer's and Dementia</i> , <b>2011</b> , 7, 338-55	1.2	59
181	Assessment of cognition in early dementia. <i>Alzheimer's and Dementia</i> , <b>2011</b> , 7, e60-e76	1.2	59
180	Effect of AZD0530 on Cerebral Metabolic Decline in Alzheimer Disease: A Randomized Clinical Trial. <i>JAMA Neurology</i> , <b>2019</b> , 76, 1219-1229	17.2	58
179	Pervasive Computing Technologies to Continuously Assess Alzheimer's Disease Progression and Intervention Efficacy. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 102	5.3	58
178	Delays in the diagnosis of dementia: Perspectives of family caregivers <b>1999</b> , 14, 20-26		58
177	Current State of Digital Biomarker Technologies for Real-Life, Home-Based Monitoring of Cognitive Function for Mild Cognitive Impairment to Mild Alzheimer Disease and Implications for Clinical Care: Systematic Review. <i>Journal of Medical Internet Research</i> , <b>2019</b> , 21, e12785	7.6	58
176	Information and communication technology solutions for outdoor navigation in dementia. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 695-707	1.2	57

175	Hippocampal volume is associated with memory but not nonmemory cognitive performance in patients with mild cognitive impairment. <i>Journal of Molecular Neuroscience</i> , <b>2003</b> , 20, 241-8	3.3	57
174	Ascorbic acid and rates of cognitive decline in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2009</b> , 16, 93-8	4.3	56
173	The effects of noncoding aquaporin-4 single-nucleotide polymorphisms on cognition and functional progression of Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2017</b> , 3, 348-359	6	55
172	F(2)-isoprostanes as biomarkers of late-onset Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , <b>2007</b> , 33, 114-9	3.3	55
171	Electrophysiologic function in the healthy, extremely old. <i>Neurology</i> , <b>1992</b> , 42, 519-26	6.5	54
170	Computer-related self-efficacy and anxiety in older adults with and without mild cognitive impairment. <i>Alzheimer's and Dementia</i> , <b>2012</b> , 8, 544-52	1.2	53
169	Alzheimer's disease and non-demented high pathology control nonagenarians: comparing and contrasting the biochemistry of cognitively successful aging. <i>PLoS ONE</i> , <b>2011</b> , 6, e27291	3.7	53
168	Sleep habits in mild cognitive impairment. <i>Alzheimer Disease and Associated Disorders</i> , <b>2014</b> , 28, 145-50	2.5	51
167	Age at onset of Parkinson disease and apolipoprotein E genotypes. <i>American Journal of Medical Genetics Part A</i> , <b>2002</b> , 107, 156-61		51
166	Use of High-Frequency In-Home Monitoring Data May Reduce Sample Sizes Needed in Clinical Trials. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138095	3.7	51
165	Executive function predicts risk of falls in older adults without balance impairment. <i>BMC Geriatrics</i> , <b>2011</b> , 11, 74	4.1	49
164	Aberrant detergent-insoluble excitatory amino acid transporter 2 accumulates in Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2010</b> , 69, 667-76	3.1	49
163	Modulation of the age at onset of Parkinson's disease by apolipoprotein E genotypes. <i>Annals of Neurology</i> , <b>1997</b> , 42, 655-8	9.4	46
162	Dementia Care Comes Home: Patient and Caregiver Assessment via Telemedicine. <i>Gerontologist</i> , <b>2017</b> , 57, e85-e93	5	46
161	Predicting mild cognitive impairment from spontaneous spoken utterances. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2017</b> , 3, 219-228	6	45
160	Computer mouse movement patterns: A potential marker of mild cognitive impairment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2015</b> , 1, 472-480	5.2	45
159	Reduced CSF PLTP activity in Alzheimer's disease and other neurologic diseases; PLTP induces ApoE secretion in primary human astrocytes in vitro. <i>Journal of Neuroscience Research</i> , <b>2005</b> , 80, 406-13	4.4	45
158	Incidence of mild cognitive impairment and Alzheimer disease in Southern Brazil. <i>Journal of Geriatric Psychiatry and Neurology</i> , <b>2009</b> , 22, 181-7	3.8	42

157	The role of technology and engineering models in transforming healthcare. <i>IEEE Reviews in Biomedical Engineering</i> , <b>2013</b> , 6, 156-77	6.4	41
156	Predictors of normal and successful aging among urban-dwelling elderly Brazilians. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , <b>2009</b> , 64, 597-602	4.6	41
155	Comparison of cerebral blood flow and structural penumbras in relation to white matter hyperintensities: A multi-modal magnetic resonance imaging study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2016</b> , 36, 1528-36	7.3	41
154	A study of medication-taking and unobtrusive, intelligent reminding. <i>Telemedicine Journal and E-Health</i> , <b>2009</b> , 15, 770-6	5.9	40
153	Targeted Lipidomics of Frontal Cortex and Plasma Diacylglycerols (DAG) in Mild Cognitive Impairment and Alzheimer's Disease: Validation of DAG Accumulation Early in the Pathophysiology of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 48, 537-46	4.3	39
152	A roadmap for the prevention of dementia: the inaugural Leon Thal Symposium. <i>Alzheimer's and Dementia</i> , <b>2008</b> , 4, 156-63	1.2	39
151	Antioxidants in Alzheimer's disease-vitamin C delivery to a demanding brain. <i>Journal of Alzheimer's Disease</i> , <b>2003</b> , 5, 309-13	4.3	39
150	Neuroimaging and cognition in Parkinson's disease dementia. <i>Brain Pathology</i> , <b>2010</b> , 20, 646-53	6	38
149	Surgery is associated with ventricular enlargement as well as cognitive and functional decline. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 590-7	1.2	36
148	Modeling of pathological traits in Alzheimer's disease based on systemic extracellular signaling proteome. <i>Molecular and Cellular Proteomics</i> , <b>2011</b> , 10, M111.008862	7.6	36
147	Home-based technologies: a new paradigm for conducting dementia prevention trials. <i>Alzheimer's and Dementia</i> , <b>2008</b> , 4, S60-6	1.2	36
146	Cerebrospinal fluid neurochemistry in the myoclonic subtype of Alzheimer's disease. <i>Annals of Neurology</i> , <b>1988</b> , 24, 647-50	9.4	36
145	A Smart-Home System to Unobtrusively and Continuously Assess Loneliness in Older Adults. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , <b>2016</b> , 4, 2800311	3	36
144	Corpus callosum in neurodegenerative diseases: findings in Parkinson's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2005</b> , 20, 345-51	2.6	34
143	Longitudinal analysis of the effects of the aging process on neuropsychological test performance in the healthy young-old and oldest-old. <i>Developmental Neuropsychology</i> , <b>2000</b> , 17, 323-37	1.8	34
142	Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel: A Meta-analysis. <i>JAMA Neurology</i> , <b>2021</b> , 78, 102-113	17.2	32
141	Baseline NAWM structural integrity and CBF predict periventricular WMH expansion over time. <i>Neurology</i> , <b>2018</b> , 90, e2119-e2126	6.5	32
140	Rarity of the Alzheimer disease-protective APP A673T variant in the United States. <i>JAMA Neurology</i> , <b>2015</b> , 72, 209-16	17.2	31



139	The impact of sleep on neuropsychological performance in cognitively intact older adults using a novel in-home sensor-based sleep assessment approach. <i>Clinical Neuropsychologist</i> , <b>2015</b> , 29, 53-66	4.4	29
138	Plasma omega-3 PUFA and white matter mediated executive decline in older adults. <i>Frontiers in Aging Neuroscience</i> , <b>2013</b> , 5, 92	5.3	29
137	Reactions to a remote-controlled video-communication robot in seniors' homes: a pilot study of feasibility and acceptance. <i>Telemedicine Journal and E-Health</i> , <b>2012</b> , 18, 755-9	5.9	29
136	Longitudinal Relationship Between Loneliness and Social Isolation in Older Adults: Results From the Cardiovascular Health Study. <i>Journal of Aging and Health</i> , <b>2016</b> , 28, 775-95	2.6	28
135	Continuous activity monitoring and intelligent contextual prompting to improve medication adherence. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , <b>2007</b> , 2007, 6287-90		28
134	Characterizing sleep problems in persons with Alzheimer's disease and normal elderly. <i>Journal of Sleep Research</i> , <b>2006</b> , 15, 97-103	5.8	28
133	Biometric monitoring devices for assessing end points in clinical trials: developing an ecosystem. <i>Nature Reviews Drug Discovery</i> , <b>2017</b> , 16, 736	64.1	27
132	Passive Assessment of Routine Driving with Unobtrusive Sensors: A New Approach for Identifying and Monitoring Functional Level in Normal Aging and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 59, 1427-1437	4.3	27
131	Unobtrusive assessment of walking speed in the home using inexpensive PIR sensors. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2009</b> , 2009, 7248-51	0.9	27
130	MR Imaging-based Multimodal Autoidentification of Perivascular Spaces (mMAPS): Automated Morphologic Segmentation of Enlarged Perivascular Spaces at Clinical Field Strength. <i>Radiology</i> , <b>2018</b> , 286, 632-642	20.5	26
129	Variability in medication taking is associated with cognitive performance in nondemented older adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2017</b> , 6, 210-213	5.2	25
128	Social Markers of Mild Cognitive Impairment: Proportion of Word Counts in Free Conversational Speech. <i>Current Alzheimer Research</i> , <b>2015</b> , 12, 513-9	3	25
127	Reducing case ascertainment costs in U.S. population studies of Alzheimer's disease, dementia, and cognitive impairment-Part 2. <i>Alzheimer's and Dementia</i> , <b>2011</b> , 7, 110-23	1.2	25
126	"Are You Sure?": Lapses in Self-Reported Activities Among Healthy Older Adults Reporting Online. <i>Journal of Applied Gerontology</i> , <b>2016</b> , 35, 627-41	3.3	24
125	Biomarker progressions explain higher variability in stage-specific cognitive decline than baseline values in Alzheimer disease. <i>Alzheimer's and Dementia</i> , <b>2014</b> , 10, 690-703	1.2	24
124	Measuring motor speed through typing: a surrogate for the finger tapping test. <i>Behavior Research Methods</i> , <b>2011</b> , 43, 903-9	6.1	24
123	Neural networks for longitudinal studies in Alzheimer's disease. <i>Artificial Intelligence in Medicine</i> , <b>2006</b> , 36, 245-55	7.4	24
122	Magnetic resonance approaches to brain aging and Alzheimer disease-associated neuropathology. <i>Topics in Magnetic Resonance Imaging</i> , <b>2005</b> , 16, 439-52	2.3	24

121	Cognitive Function and Activities of Daily Living in Severely Impaired Dementia Patients. <i>Clinical Gerontologist</i> , <b>1995</b> , 15, 3-16	2.7	23
120	Weekly observations of online survey metadata obtained through home computer use allow for detection of changes in everyday cognition before transition to mild cognitive impairment. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 187-194	1.2	22
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